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September 11, 1991

By Hand

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Office of Toxic Substances
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Room NE-G004
401 M Street, S.W.
Washington, D.C. 20460

SEP 11 1991
LYNN MARCUS

Re: Docket No. OPTS-42114, FRL 3712-9;
Proposed Test Rule for N-Methylpyrrolidone

Dear Sir or Madam:

In the Federal Register of March 28, 1990, 55 Fed. Reg. 11393, the Environmental Protection Agency (EPA) proposed to require that certain health effects tests be conducted for n-methylpyrrolidone (NMP) under Section 4 of the Toxic Substances Control Act. On May 29, 1990, the manufacturers of n-methylpyrrolidone, including GAF Chemicals Corporation, submitted comments in response to the agency's proposal to require certain testing of NMP.

On page 50 of those comments, the manufacturers noted that an oral multi-generation rat reproductive study way underway and that results would be provided to EPA upon completion. Enclosed you will find the complete draft report of that study, "Multi-Generation Rat Reproductive Study with MRD-89-365," Study No. 236535, Exxon Biomedical Sciences, Inc.

In addition, there is enclosed the report of another study on NMP, "Developmental Toxicity Study in New Zealand White Rabbits," International Research and Development Corporation.

Very truly yours,

Alvin J. Lorman, P.C.
Attorney for
GAF Chemicals Corporation

Enclosures

FINAL REPORT

PROJECT NUMBER: 236535

TEST MATERIAL: MRD-89-365

MULTI-GENERATION RAT REPRODUCTION STUDY WITH N-METHYLPYRROLIDONE

PERFORMED FOR:

GAF CORPORATION
1361 Alps Road
Wayne, N.J. 07590

PERFORMED AT:

EXXON BIOMEDICAL SCIENCES, INC.
Toxicology Laboratory
Mettlers Road
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East Millstone, New Jersey 08875-2350

DATE: September 3, 1991

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MULTI-GENERATION RAT REPRODUCTION
REPORT PRODUCED BY VERSION 2 OF REPORT PROGRAM

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APPROVAL SIGNATURES

I hereby declare that to the best of my knowledge, this study was conducted in accordance with the FDA Good Laboratory Practice Regulations set forth in 21 CFR Part 58.

B. K. Beyer, Ph.D.
Study Director

Date

D. J. Letinski, M. S.
Analytical Chemistry

Date

R. D. Phillips, Ph.D.
Laboratory Director, Mammalian Toxicology

Date

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QUALITY ASSURANCE STATEMENT

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PERSONNEL

Study Director:	B. K. Beyer, Ph.D.
Reproduction Toxicology Supervisor:	G. D. Koehler, B.S.
Report Preparation Supervisor:	E. R. Frank, B.A.
Animal Care Supervisor:	R. C. Forgash, B.S.
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Compound Preparation Supervisor:	T. M. Federici, B.S.
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Quality Assurance Supervisor:	R. T. Plutnick, B.A.
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Veterinary Pathologist:	W. R. Brown, D.V.M., Ph.D., Diplomate American College of Veterinary Pathologists
Statistician:	M. J. Nicolich, Ph.D.

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SUMMARY

The objective of this study was to provide general information concerning the potential effects of the test article, MRD-89-365, on gonadal function, estrous cycles, mating behavior, conception, parturition, lactation, weaning, and the growth and development of the offspring. The test article was administered through the diet to 3 groups of rats at 3 dose levels. A fourth group served as an untreated control and received standard rat chow. The concentration of the test article in the diet for each sex and group was adjusted to allow for growth during the pre-mating phase. Target dose rates for MRD-89-365 were 50, 160 and 500 mg/kg/day.

Both sexes were dosed daily for at least ten weeks prior to mating and throughout the mating period. The test article was administered in the diet on a mg/kg basis, and concentrations of test article in the diet were adjusted weekly based on group mean body weight and food consumption. After the 10 week pre-mating dosing period, the concentrations of test article in the diets were maintained at constant levels. P1 males and females were dosed for at least 10 weeks prior to mating and during the mating period for the F1a litter. In addition, P1 males were dosed through the end of the mating period for the F1b litter. P1 females were dosed during gestation, lactation, and through weaning of the F1b litter on Day 21 postpartum. Thus, P1 males and females were dosed until euthanized. The F1b (P2) litter was dosed beginning on postnatal Day 21 at concentrations fed to the P1 rats during the first week of pre-mating dosing. These concentrations were used until the end of the first week of F1b (P2) pre-mating dosing. During the remaining nine weeks, the levels were adjusted, as for the previous generation. The concentrations of test article in the diet then were maintained at constant levels during mating, gestation and lactation.

Clinical observations were made prior to P1 selection, on the first day of dosing (P1 and 21 day old F1b rats) and at least weekly thereafter until euthanized. Additionally, P1 females were observed for clinical signs on Days 0, 6, 9, 12, 16 and 20 of gestation and on Days 0, 1, 4, 7, 14, and 21 postpartum. P1 body weights were measured prior to selection, at dose initiation, and weekly thereafter during the mating period until euthanized. Food consumption was measured concurrently with body weights in all parental rats selected for inclusion on study, except during mating. Female body weight measurements also were taken on Days 0, 6, 9, 12, 16 and 20 of gestation and on Days 0, 1, 4, 7, 14, and 21 postpartum. Female food consumption measurements also were taken on Days 0, 6, 9, 12, 16 and 20 of gestation and on Days 1, 4, 7, 10, 14, and 21 postpartum. After approximately 10 weeks of

dosing, rats were assigned to random mating pairs within treatment groups. Mating continued for approximately three weeks. The second P1 mating period began at least 14 days after weaning of the F1a litters and ended after three weeks had elapsed. The first F1b (P2) mating period began after at least 10 weeks of dosing and proceeded as in the P1 generation. The second F1b (P2) mating period began at least 14 days after weaning of the F2a litters and ended after four weeks had elapsed. An extra week of mating was added due to the poor mating performance of high dose animals during the first three weeks of mating.

On postnatal Days 0, 1, 4, 7, 14, and 21, the offspring were counted, sexed, weighed, and examined externally for anomalies. Litters were culled to 5 males and 5 females following the postnatal Day 4 observations. In the event that less than 5 pups of a sex were present, no adjustments were made. Necropsy was performed on all P1 and P2 rats and required organs and tissues were collected. Necropsy also was performed on all pups which died or were euthanized in extremis and on 10/sex/group of each litter on Day 21 postpartum.

In the parental generations (P1 and P2), overt clinical signs of toxicity were not apparent up to the highest dose level used (500 mg/kg/day), as indicated by the absence of clinical signs and mortality. There were generally no meaningful, statistically significant differences in either body weight or food consumption values in the P1 males. Body weight gain suppression was apparent in high dose P1 females for the Day 0-6G (Gestation) and Day 0-20G intervals during F1a production. In addition, dose-related body weight gain suppression was observed for the Day 0-20G interval during F1b production. Dose-related decreases in gestation food consumption were observed during the Day 9-12G and Day 16-20G periods of the F1a litter. High dose lactation food consumption was lower than controls during the F1a and F1b litters. Similarly, F1b (P2) male and female body weight and food consumption values in the high dose group were significantly lower than controls at many intervals. The majority of rats had no observable abnormalities at postmortem examination and no dose-related trends were observed in any necropsy finding in the P1 generation or in F1b (P2) females. However, there was an increased incidence of smaller than normal testes in the F1b (P2) males observed at necropsy.

There were no meaningful differences in reproduction data for the P1 generation. However, high dose F1b (P2) male mating indices for both litters were moderately lower than those of controls while there was a dose-related decrease in F1b (P2) male fertility indices for both litters. High dose F1b (P2) female fertility indices also were markedly lower than controls for both litters and fecundity indices decreased in a dose-related fashion.

Although there were no apparent clinical signs of toxicity in offspring, there were differences in survival indices and differences in growth rate at the 500 mg/kg dose level for all litters.

No treatment-related microscopic changes were observed in the reproductive organs or any of the other tissues with gross changes of female and P1 generation rats given 500 mg/kg of MRD-89-365. Microscopic changes considered to be related to treatment were seen in the ovaries and uterus of female rats of the F1b generation given 500 mg/kg of MRD-89-365. These treatment-related effects consisted of a decreased number of high dose female rats with pigmented macrophages in the wall of the uterus. These pigmented macrophages are normal occurring cells in the uterus of postpartum rats and are usually present at previous implantation sites. Associated with this uterine change was an increased number of high dose female rats with decreased numbers of corpora lutea in the ovaries. These ovaries contained variable numbers of small follicles. Microscopically, the uterus and ovaries of the low and mid dose female rats were comparable with controls. Also, there were no treatment-related microscopic changes in the male F1b generation rats at any of the dosage levels of MRD-89-365.

All other gross and microscopic changes observed in the P1 and F1b generation rats were considered to have occurred spontaneously and to be unrelated to treatment. The type and incidence of these changes were not considered to have been influenced by compound administration.

In conclusion, toxicity was present, at a dosage level of 500 mg/kg/day, as indicated by decreased parental body weight, food consumption, reproductive parameters, with a concomitant reduction in survival and growth rates in the offspring. Based on these findings, a dose of 160 mg/kg/day was established as the parental, reproductive, and developmental NOAEL (No Observable Adverse Effect Level) under the conditions of this study.

MATERIALS AND METHODS

Test Material

Material identification

MRD-89-365

Description

Batch number: I

The test article was a colorless liquid which was assumed 100% pure for the purposes of dosing.

Characterization of test article

The methods of synthesis, fabrication, and/or derivation of the test article are the responsibility of the Sponsor and documentation is maintained at GAF Corporation, 1361 Alps Road, Wayne, N.J. 07590.

Analysis of test article

The stability, identity, strength and composition or other characteristics which will appropriately identify the test substance are the responsibility of the Sponsor and documentation is maintained at GAF Corporation, 1361 Alps Road, Wayne, N.J. 07590.

Certificate of Analysis

A Certificate of Analysis for the test article is on file and is maintained with the raw data in the Laboratory Archives.

Storage conditions

Room temperature in a closed container.

Sample retention

Two archival samples of undiluted MRD-89-365 were collected by the Compound Preparation Department the first time each new Sponsor container was opened.

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Carrier

The undiluted test material was blended into certified rodent chow.

Analysis of Test Material/Feed Mixtures

The stability and homogeneity of the test article in feed were determined by the Exxon Biomedical Sciences, Inc. Laboratory. Homogeneity was evaluated at two concentrations that represented the lowest and highest levels that were tested during the study. Triplicate samples were collected from the top, middle, and bottom of each preparation (nine samples in total). The concentration was the mean of all nine samples.

Stability was assessed by measuring the concentrations of selected samples from each of the homogeneity preparations after room temperature storage for 7, 14, and 28 days.

Concentrations of test article-diet blends were checked weekly during the first 10 weeks of the study and monthly thereafter to assure the continued accuracy in mixing diets.

The delivered daily doses were estimated for weeks 1 and 3-9 during the P1 pre-mating period for both sexes as well as during gestation and lactation for females. The delivered daily doses were estimated for weeks 3 and 7 during the parental F1b (P2) pre-mating period for both sexes as well as during gestation and lactation periods for the females.

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Test System

Test animal

Rat

Strain/stock

Crl: CDBR (Sprague-Dawley) VAF/Plus

Supplier

Charles River Laboratories, Kingston Facility,
Stone Ridge, New York

Number and sex

120 Virgin Males, 120 Virgin Females

Age at initiation of dosing

Males: Approximately 6 weeks
Females: Approximately 7 weeks

Weight at initiation of dosing

Males: 182.0 - 251.9 grams
Females: 160.9 - 217.5 grams

Quarantine and acclimation period

15 Days

Date received

September 5, 1989; Purchase Order NO: 9EC-310376;
Freight Reference NO: 38960276

Study initiation (Protocol signature date)

August 30, 1989

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Biophase test period

September 20, 1989 - November 18, 1990

Experimental termination

TBD

Rat identification

Monel ear tags and corresponding cage identification. The ear tag physical identification number (PIN) is preceded by a 3 letter code, HCG (P1 generation) or JAB (P2 generation). The rats also are identified by a computer reference number for automated data collection.

Justification

Rats historically have been used in toxicology evaluation and are among the species of choice for multi-generation reproduction studies.

Selection

More rats than required for the conduct of this study were purchased and acclimated. No rats were determined to be unsuitable for inclusion on this study because of poor health, outlying body weights, or other abnormalities. A pre-test examination was done by R. L. Harris, D.V.M., Staff Veterinarian, on September 6, 1989. Study rats (P1 generation) were selected on September 8, 1989, using a computer-generated sorting program so that their weight variation was within plus-or-minus 20% of the group mean body weight.

Husbandry

Housing

Individually housed, except during the first week of quarantine, during mating, and during lactation.

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Caging

Suspended stainless steel and wire mesh with stainless steel litter pans. Fresh bedding was provided (as described in SOP A.2.3.5) for dams near parturition and during lactation.

Bedding

(Direct) Used from approximately Day 18G to approximately postnatal Day 14 or from approximately Day 21G to approximately postnatal Day 21 for the P1 and P2 generations, respectively.

ALPHA-dri (alpha cellulose)
Manufacturer: Shepherd Specialty Papers, Inc.
Analysis: Provided by the Manufacturer
Contaminants: There are no known contaminants in the bedding believed to be present at levels that would have interfered with this study.

(Indirect) Used during all other phases of this study.

Feed

Purina Certified Rodent Chow (5002 Meal), ad libitum.
Manufacturer: Ralston Purina Company, Checkerboard Square, St. Louis, Missouri, 63164.
Analysis: As provided by Purina.
Contaminants: There are no known contaminants in the diet believed to be present at levels that may have interfered with this study.

Water

Automatic watering system, ad libitum.
Supplier: Elizabethtown Water Company, Elizabeth, New Jersey.
Analysis: As provided by Elizabethtown Water Company.
Contaminants: There are no known contaminants in the water believed to be present at levels that may have interfered with this study.

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Animal Room Temperature

Monitored twice daily Monday through Friday, and once daily Saturday, Sunday, and holidays; maintained range of 68 to 76 degrees Fahrenheit.

Note: There was one occasion during the test period when the temperature in the animal room was out of the range specified; this deviation is listed in Appendix AQ. It is the opinion of the Study Director that this incidental temperature deviation did not adversely affect the results or integrity of the study.

Animal Room Humidity

Monitored at least once daily; maintained range of 40 to 70% relative humidity.

Note: There were occasions during the test period when the humidity in the animal room was out of the range specified; these deviations are listed in Appendix AQ. It is the opinion of the Study Director that these incidental humidity deviations did not adversely affect the results or integrity of the study.

Lighting

Approximately 12 hours light and 12 hours dark by automatic timer

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Exporimental Design

Preparation of test material

The test material was thoroughly mixed into the feed undiluted as received, on a weight percent basis: grams test material/100 grams diet.

Experimental groups

DOSE GROUP	TARGET DOSE MG/KG	TOTAL RATS (P1* AND F1b GENERATIONS) M	F
1	0	30	30
2	50	30	30
3	160	30	30
4	500	30	30

Doses are in mg/kg of the rat's body weight

Dose levels for this study were selected after review of the data for a previously conducted dose probe study.

* DataTox designation of the P1 generation is F0.

Administration of test material

Ingestion of the test material may be the primary route of expected human exposure. Therefore, dietary administration was an appropriate means to assay its biological effect.

A homogenous blend of test material, prepared as feed admixtures in Certified Purina Rodent Chow, was offered ad libitum to MRD-89-365-treated rats. Control rats received Certified Purina Rodent Chow ad libitum. Feed jars containing the diet offered to the rats were replaced at least once each week.

Treatment schedule

During the 10 weeks prior to mating of the P1 or F1b rats to produce the F1a or F2a generations, respectively, test material was administered in the diet on a mg/kg basis and concentrations of test material in the diets were

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adjusted based on the most recent group mean body weight and food consumption. After the 10-week pre-mating dosing period, the concentration of test material in the diets was maintained at the level prepared just prior to initiation of mating of P1 or F1b rats to produce the F1a or F2a generations, respectively. That is, after the 10-week pre mating dosing phases of the study, all P1 and F1b rats were administered the test material in the diet on a fixed weight percent basis. Since food consumption was not available for weanling rats, initial test diet concentrations for F1b (P2) animals were based arbitrarily on group mean food consumption values obtained for the P1 generation at study initiation. Subsequent dietary concentrations were adjusted based on the most recent group mean body weight and food consumption.

P1 males were dosed for at least 10 weeks prior to mating, throughout the mating period for F1a litters, and until the end of the mating period for their last litter (F1b). P1 females were dosed for 10 weeks prior to mating, throughout the mating period, during gestation, and until weaning of the F1b rats (Day 21 postpartum). F1b males were dosed from Day 21 postpartum for at least 10 weeks prior to mating, throughout the mating period for F2a litters, and until the end of their mating period for their last litter (F2b). F1b females were dosed from Day 21 postpartum for at least 10 weeks prior to mating, throughout the mating period, during gestation, and until weaning of the F2b rats (Day 21 postpartum).

Experimental evaluation

The rats were checked for viability twice daily on Monday through Friday, and once daily on Saturday, Sunday, and holidays.

Clinical observations were made weekly for the nature, onset, severity, and duration of toxicological signs throughout the study. Palpation for tissue masses also was performed at these times as part of the observation procedure.

Male body weights were measured prior to P1 selection, on the first day of dosing (P1 and F1b males), and at least weekly thereafter (P1 and F1b) until euthanasia. Female body weights were measured prior to P1 selection, on the first day of dosing (P1 and F1b females), and for P1 and F1b, at least weekly thereafter until mating was confirmed, and then on Days 0, 6, 9, 12, 16, and 20 of gestation and on Days 0, 1, 4, 7, 14, and 21 postpartum.

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A physical examination was given to each male prior to P1 selection, on the first day of dosing (P1 and F1b males), and at least weekly thereafter until euthanasia. Females received a physical examination prior to P1 selection, on the first day of dosing P1 and F1b females), and for P1 and F1b, at least weekly thereafter until mating was confirmed, then on Days 0, 6, 9, 12, 16, and 20 of gestation and on Days 0, 1, 4, 7, 14, and 21 postpartum.

Food consumption was measured by weighing the feed jars of each parental (P1 and F1b) male on the first day of dosing and at least weekly thereafter, except during mating, until euthanasia. Parental (P1 and F1b) females food consumption was measured similarly on the first day of dosing and at least weekly thereafter, except during mating, then on Days 0, 6, 9, 12, 16, and 20 of gestation and on Days 1, 4, 7, 10, 14, and 21 postpartum.

Mating

The first P1 mating period began after 10 weeks of dosing and ended when all females had been confirmed mated or 3 weeks had elapsed. Using ear tag identification and a random numbers table, each P1 male was randomly assigned to be paired overnight for a maximum of 7 days with one P1 female of the same dose group to produce the F1a generation. After 7 days, the females of those pairs that did not exhibit positive signs of mating were placed with males of other unmated pairs within the group. This was repeated after a further 7 days, which allowed a total of 21 days to mate. The second P1 mating period began 14 days after weaning of the F1a litters and ended when all females had been confirmed mated or 3 weeks had elapsed. The selection and pairing of rats was the same as described for the first P1 mating period.

The first F1b mating period began after 10 weeks of dosing and ended when all females had been confirmed mated or 3 weeks had elapsed. The selection and pairing of rats was the same as described for the first P1 mating period. The second F1b mating period began 14 days after the F2a litters were weaned and ended when all females were confirmed mated or 4 weeks had elapsed. The selection and pairing of rats was the same as described for the second P1 mating period.

Mating was confirmed on the following morning by observation of a copulatory plug or by the presence of sperm in a vaginal rinse. The day on which mating was confirmed was the female's Day 0 of gestation (Day 0G). After confirmation of mating, each rat was placed in its own cage. On Day 18G of P1 gestation and Day 21G of P2

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gestation, mated females were placed in clean cages fitted with a stainless steel litter pan and fresh bedding material was provided. After the date of litter pan insertion, mated females were examined at least twice daily for signs of parturition.

Postnatal Evaluations

F1a, F2a, and F2b litters:

Dams were allowed to give birth. The duration of gestation then was calculated and any difficulties which may have occurred at parturition were noted. The date of birth was recorded as Day 0 postpartum.

Each morning and each afternoon during the postnatal period, the litters were checked for dead offspring and unusual conditions. The dams were observed for viability, nesting behavior, and nursing behavior.

Dead pups were removed from the litter immediately after they were discovered. If intact, dead pups were examined externally for anomalies and internally for gross visceral abnormalities.

On Days 0, 1, 4, 7, 14, and 21 postpartum, the number of pups were counted and each live pup was weighed and examined externally for anomalies.

On postnatal Day 4, after counting, weighing, and examining the pups, the size of each litter was adjusted by eliminating extra pups by random selection to yield, as nearly as possible, 5 male and 5 female pups per litter. Litters of less than 10 pups were not adjusted. Culled pups were euthanized. Culled pups that appeared normal received an external examination and tissues were not saved. Culled pups that appeared abnormal were subjected to a complete gross necropsy and tissues, as deemed necessary, were preserved in 10% neutral buffered formalin for possible future microscopic examination.

On Day 21, the surviving pups were examined as noted above and 10 male and 10 female pups from each group were euthanized and examined for internal abnormalities. The selection of the litters and the pups within the litters was done randomly. No more than one pup of each sex was selected from any one litter. The vagina, uterus, ovaries, testes, epididymides, seminal vesicles, prostate, and any gross lesions noted during the examination were preserved in 10% neutral buffered formalin for possible future microscopic examination. The remainder of the pups were euthanized, examined

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externally, and discarded. Any externally abnormal offspring were given a gross necropsy at the discretion of the Study Director or his designee.

F1b litters:

All activities and observations described for the F1a litters were conducted and recorded for the F1b litters.

At weaning (Day 21) gross necropsies were performed on 10 male and 10 female pups from each dose group and tissues were saved as described for the F1a pups. From the remaining pups, a maximum of 2/sex/litter were selected randomly and individually housed, to be considered for F1b-generation parents. On the designated study Day 0 for the F1b generation, the number of animals to continue as F1b generation parents was standardized to a maximum of 30/sex/group. The designated study Day 0 and the method of standardizing group size is described in the raw data. The remainder of the pups were euthanized, examined externally, and discarded.

Euthanasia

All rats were euthanized by carbon dioxide asphyxiation.

P1 and F1b males that were used for mating were euthanized and necropsied at the end of the mating period for their last litter. P1 and F1b females used for mating were euthanized upon weaning of the F1b and F2b litters, respectively. P1 females that had been mated, but did not give birth by Day 26G were euthanized. F1b (P2) females that had been mated, but did not give birth by Day 26G of F2a litter production were kept for remating for F2b litter production.

F1a litters were euthanized after weaning, as well as F1b pups that were not selected for mating. F2 litters (F2a and F2b) were euthanized after weaning.

Necropsy

A gross necropsy was performed on all P1 and F1b animals used for mating, including those that died spontaneously. Necropsy was performed by appropriately trained personnel, and a Board certified pathologist was available for consultation as necessary. Body weights were recorded at the time of necropsy. The uterus of each female was examined for evidence of implantations.

The following organs and tissues of all P1 and F1b rats

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used for mating were preserved in 10% neutral buffered formalin for possible future histological examination: vagina, uterus, ovaries, testes, epididymides, seminal vesicles, prostate, and any abnormal tissues.

Histological slides of these selected organs were prepared and evaluated for all high dose and control P1 and F1b rats used for mating. If abnormalities or equivocal results were seen at the high dose, then specimens from the mid dose and, if necessary, those of the low dose were evaluated for histopathology. Histological slides of any abnormal tissue were prepared and evaluated for all P1 and F1b rats used for mating.

All F1 and F2 pups that died, or were euthanized in moribund condition were subjected to a complete gross necropsy examination. Abnormal tissues were preserved in 10% neutral buffered formalin for possible future microscopic examination. Pups euthanized on postnatal Day 21 which appeared normal received an external examination and tissues were not preserved.

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Statistical Evaluation

The following parameters were analyzed statistically for significant differences:

mean body weights
mean food consumption

The following statistical methods were employed:

Bartlett's test of homogeneity of variance was used to determine if the groups had equivalent variances at the 1% level of significance.

1. If the variances were equivalent, the hypothesis that there was no difference in response between the groups was tested using a standard one-way analysis of variance. If the ANOVA was significant, Dunnett's test was performed to determine which treated groups differed from the control. A linear regression to test for a dose response was also performed and tested for lack of fit to the regression. All tests were reported at the 1% or 5% level of significance.

2. If the variances were not equivalent, then a Kruskal-Wallis (non-parametric) test was performed to determine if the treatment effects were equivalent. If there was a difference, a rank sum comparison was used to determine which treatment groups differed from the control. Jonckheere's test for ordered response was also performed. All tests were reported at the 1% or 5% level of significance.

Pup weight was analyzed by a standard nested analysis of variance with pups nested within dams and with dams nested within groups. If differences within groups were identified, the LSD technique was used to determine which test group(s) differed from the control group. Male and female pups were tested separately. All tests were reported at the 1% or 5% level of significance.

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Statistical References

Fisher Exact Test

Bradley, J.V., Distribution Free Statistical Tests, Prentice Hall, Englewood Cliffs, N.J. 1968. p. 195-203

Smith-Sattherthwaithe t-test

Dixon and Massey, Introduction to Statistical Analysis, 3rd Ed., McGraw-Hill Inc., New York 1969.

Dunnett's Test

Dunnett, C. "New Tables for Multiple Comparisons With A Control", Biometrics, Vol 20, 3 (Sept, 1964) p. 482-491.

GSK log-linear model

Grizzle, J.E., Starmer, C.F., and Koch, G.G., "Analysis of Categorical Data by Linear Models", Biometrics, Vol 25, 3 (Sept, 1969) p. 489-504.

Dunn's Test Kruskal-Wallis Test, Jonckheere's Test

Hollander, M. and Wolfe, D. A., Nonparametric Statistical Methods, John Wiley and Sons, New York, 1973.

Bartlett's Test, Standard one and two way ANOVA, nested ANOVA, Cochran's transformation, arc sine transformation, t-test, F-test for equal variance, Chi-square test for incidence, Armitage's Test for trend, Regression analysis, Least Significant Difference (LSD).

Snedecor and Cochran, Statistical Methods, 6th Edition, The Iowa State Press, Ames, Iowa (1971).

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RESULTS

A. PARENTAL OBSERVATIONS

1. Clinical In-life Observations

a. P1 Males and Females (F1a and F1b litters)

The majority of male rats were free of any observable abnormalities at their scheduled weekly observations during the entire P1 generation phase (Table 1). Similarly, the P1 female rats were free of any observable abnormalities at their scheduled weekly observations during the pre-mating and mating phases (F1a: Table 2, and F1b: Table 5).

During the scheduled gestation and lactation observation intervals (F1a litter: Tables 3 and 4, F1b litter: Tables 6 and 7, respectively), the majority of dams were free of any observable abnormalities and no signs of treatment-related toxicity were apparent.

During the P1 generation, low incidences of the following observations were observed intermittently: Reddened and/or swollen ears, ocular discharge, nasal discharge, alopecia, scabs, sores, unthrifty coat, broken, missing, or maloccluded incisors, swelling, emaciation, masses, staining of the skin/fur, vaginal exudate, and necrotic tail. Single incidences of mucoidal stool, slight amount of stool, and apparent prolapsed uterus also were recorded throughout the entire observation period. Overall, these findings were observed at a similar incidence in the treated and control groups and were not considered treatment-related. Individual in-life observations are presented in Appendices A through G.

b. P2 Males and Females (F2a and F2b litters)

The majority of male rats were free of any observable abnormalities at their scheduled weekly observations (Table 42) during the entire P2 generation. Similarly, the female rats were generally free of any observable abnormalities at their scheduled weekly observations during the pre-mating and mating phases (F2a: Table 43, and F2b: Table 46).

During scheduled gestation and lactation observation intervals (F2a litter: Tables 44 and 45, and F2b litter: Tables 47 and 48, respectively), the majority of dams were free of any observable abnormalities and no signs of treatment-related toxicity were apparent.

In the P2 generation, there were single or low incidences of nasal discharge, apparent umbilical hernia, staining of the skin/fur, alopecia, swollen ears, eye, snout, forepaw, cheek

and/or anterior to penis, incisor abnormalities, emaciation, sores, scabs, missing digits, ocular abnormalities, wet or dry rales, tilted head, unthrifty coat, reddened ears, cheek mass, mass anterior to penis, lacerations, and kinked tail. Overall, these findings occured at similar incidences in the control and dosed groups and do not appear indicative of treatment-related toxicity.

2. Mortality

a. P1 Males and Females (F1a and F1b litters)

One male rat (HCG149) from the 500 mg/kg dose group died spontaneously on test day 148. In-life and postmortem observations on this rat included skin/fur, palate, incisor, ocular, cervical lymph node, gastro-intestinal, and lung abnormalities. All female rats survived to their scheduled termination.

b. P2 Males and Females (F2a and F2b litters)

Mortality in the P2 male rats (Table 49) was limited to two unscheduled deaths. One low dose rat (JAB179) died spontaneously on test day 35 and one high dose rat (JAB236) died spontaneously on test day 86. Due to the lack of in-life abnormalities and significant histopathological findings, these deaths were considered incidental and unrelated to treatment.

There were no apparent dose-related deaths in the P2 females (Table 50). One control female died on test day 55 and one mid dose female died prematurely on test day 13. Based on the lack of in-life abnormalities and significant histopathological findings, the mid dose death was considered incidental and unrelated to treatment.

3. Body Weights

a. P1 Males and Females (F1a and F1b litters)

In general, all groups gained weight during the P1 phase. There were no statistically significant differences in the mean P1 male body weights at any interval (Table 10). Similarly, there were no statistically significant differences in female mean body weights during the pre-mating dosing and mating phases of F1a litter production (Table 11). No significant differences in mean body weights were observed during the pre-mating dosing phase and majority of the mating phase of F1b litter production (Table 14). A statistically significant decrease in group mean body weight was observed in high dose female rats compared with controls during the latter

part of the mating phase. However, the small number of unmated animals remaining may have contributed to this apparent effect as a confounding, but spurious, variable.

During gestation (Tables 12 and 15), no statistically significant differences in mean body weight were observed between control and treated females at any interval during production of either the F1a or F1b litters. However, there were statistically significant decreases in body weight gain by the high dose group compared with controls. for the Day 0-6G and Day 0-20G intervals during F1a production. In addition, a dose-related decrease in body weight gain was observed during the Day 0-20G interval during F1b litter production.

During the P1/F1a lactation period (Table 13), dose-related decreases from controls were observed at each interval. The high dose group was statistically significantly lower than controls on postnatal Day 14. However, this difference was less than 10% and, therefore, was not considered biologically significant. Body weight loss was observed during the Day 0-1 and Day 14-21 intervals. A linear dose response in body weight change was observed during the Day 0-1 interval but was not evident at the Day 14-21 interval. During the P1/F1b lactation period (Table 16), dose-related decreases in mean body weight from controls were observed on postnatal Days 4 and 7. Body weight loss was observed in the treated groups during the postnatal Day 0-1 body weight change interval, which was statistically significant in the high dose group. Additionally, body weight loss was observed in the mid dose group during the postnatal Day 4-7 interval, in all groups during the Day 14-21 interval, and in the control, mid, and high dose groups over the entire lactation period (Days 0-21). Individual body weight data are presented in Appendices H through N.

b. P2 Males and Females (F2a and F2b litters)

Overall, the rats gained weight during the P2 phase of the study. However, a dose-related decrease in body weight was observed at every interval for the P2 males (Table 51). The low dose male rat mean body weights were generally comparable to controls at all intervals. While mean body weights of mid dose rats were lower than controls from approximately the 10 week interval through the remainder of the study, the reductions were less than 10% at all intervals and were not considered biologically significant. High dose mean body weights were statistically significantly lower than controls at every interval during the study.

Similarly, the P2/F2a females (F2a: Table 52, and F2b: Table 55) displayed a dose-related decrease in body weight when compared to controls at every interval during the pre-mating

and mating periods, which was statistically significant in high dose animals at every interval. During the P2/F2b pre-mating and mating phases, statistically significant decreases in high dose mean body weights occured on Days 140, 161, 175, 189, and 196.

During gestation (F2a: Table 53, and F2b: Table 56), dose-related decreases and statistically significant differences were observed in the high dose group at each scheduled body weight interval, as well as during the Day 9-12G (F2b only), Day 16-20G and Day 0-20G body weight change intervals.

Dose-related decreases were observed at each lactation interval for the F2a litter (Table 54), with the exception of postnatal Day 21, and at the postnatal Day 0 and Day 1 intervals for the F2b litter (Table 57). Statistically significantly lower values were observed in the high dose group on P2/F2a postnatal Days 0, 1, and 4, as well as the P2/F2b lactation Days 0 and 1. Only one litter remained after P2/F2b postnatal Day 1, thus confounding the remaining body weight data. Body weight loss occured in the treated groups during the lactation Day 0-1 body weight change interval for both the F2a and F2b litters. Body weight loss also was observed in the control, low, and mid dose groups during the P2/F2a and P2/F2b postnatal Day 14-21 interval. During the P2/F2b lactation period, body weight loss was observed intermittently throughout the groups, and only the mid dose group had an overall body weight loss (Day 0-21). No dose-related or statistically significant differences were observed in body weight change during either P2 lactation period. Individual body weight data are presented in Appendices OO through UU.

4. Food Consumption

a. P1 Males and Females (F1a and F1b litters)

There were no statistically significant differences in male mean food consumption (Table 17) values during most of the study. At the week 29 food consumption interval, the high dose group had a statistically significant (11.2%) increase in food consumption when compared to controls. In addition, dose-related increases in food consumption occurred at the Week 26 and Week 30 intervals. However, increased food consumption generally is not considered an adverse effect.

There were no statistically significant or dose-related differences in mean food consumption values between control and treated females during the majority of intervals in both the P1/F1a and P1/F1b pre-mating dosing and mating phases (Tables 18 and 21, respectively). However, a statistically

significant decrease (<10%) from controls was observed in the mid dose group at the Week 8 interval, but was considered spurious and not biologically significant.

During the P1/F1a gestation period, dose-related decreases were observed at the Day 9-12G and 16-20G intervals. Statistically significant decreases from controls were observed as follows: The low dose group was less than 10% lower than controls during the Days 6-9G interval and was 11.4% lower during the Day 12-16G interval; the high dose group's food consumption values were less than 10% lower than controls during the Day 6-9, 9-12, and 16-20G intervals, and 11.1% lower at the Day 12-16G interval. No statistically significant or dose-related differences in mean food consumption were observed during the P1/F1b gestation period (Table 22).

In general, mean food consumption in the high dose was statistically significantly decreased compared with controls at each interval during both the P1/F1a and P1/F1b lactation periods (Tables 20 and 23). The values in the high dose group ranged from 16.1% to 36.27% lower than controls during the P1/F1a lactation period, and from 17.1% to 25.8% lower than controls during the P1/F1b lactation period. Individual food consumption data are presented in Appendices O through U.

b. P2 Males and Females (F2a and F2b litters)

During the first 10 weeks of the P2 phase, statistically significant decreases in mean food consumption were observed in high dose males at every interval with the exception of week 7 (Table 58) when compared to controls. In addition, food consumption for the mid dose group was statistically lower than controls at the week 10 interval.

A statistically significant decrease in mean food consumption of high dose animals when compared to controls was observed during week 5 of pre-mating for the P2/F2a females (Table 59). No statistically significant or dose-related decreases in food consumption were observed during the P2/F2b pre-mating period. However, the mid and high dose groups actually had statistically higher mean food consumption values during week 22 (P2/F2b). As in the P1 generation, increased food consumption was not considered an adverse effect.

P2/F2a gestation food consumption (Table 60) was statistically significantly decreased compared with controls in the mid dose group for Days 6-9G and 12-16G, and in the high dose group during Days 12-16G and Days 16-20G. During the P2/F2b gestation period (Table 63), food consumption was statistically significantly decreased from controls in the high dose group for Days 16-20G.

During lactation, statistically significant decreases in mean food consumption were apparent in the high dose group at each interval during the P2/F2a phase (Table 61). However, these decreases were not evident during the P2/F2b phase (Table 64), although the high dose group values were based on only one animal. Individual food consumption data are presented in Appendices VV through AC.

5. Measured Dose Rate

a. P1 Males and Females (F1a and F1b litters)

In general, the measured dose rate of both the male and female rats during the P1 pre-mating phase (Tables 24 and 25, respectively) was within + or - 20% of the target value with the exception of the week 1 male values. This may be due to the rapid growth rate during the early stages of life, and it is unlikely that this had an adverse effect on the study results or integrity.

It is important to note that food consumption was not measured during mating; the dose rate during this period could not be assessed. During this time, males were housed overnight with females and consumed diets of a lower concentration (based on female body weight and food consumption values). Concentrations were fixed after the week 10 pre-mating level, throughout mating, gestation, and lactation. Individual measured test material consumption is presented in Appendices V and W.

Test material consumption was generally in good agreement with target levels (within + or - 20%) during gestation for both the F1a and F1b litters (F1a: Table 26, and F1b: Table 28). The greatest differences occurred in the 160 mg/kg dose group during the F1a Day 0-6G (+18%) and F1b Day 16-20G (-19%).

During lactation (F1a: Table 27, and F1b: Table 29), test material consumption was in good agreement with the target levels only during the postnatal Day 0-4 intervals. During the remainder of lactation (postnatal Day 4-21), the dosages exceeded target in all cases. There was a steady increase in estimated test material consumption during lactation. This was due to increases in food consumption that were more than proportional to body weight gains, which increased slightly, if at all. In addition, during the latter part lactation (around postnatal Day 18), pups may begin to eat from the dams' feeders, thus confounding interpretation food consumption and test material consumption data.

b. P2 Males and Females (F2a and F2b litters)

In general, the measured dose rate of both the male and female rats during the P2 pre-mating phase (Tables 65 and 66, respectively) was within + or - 10% of the target value. Individual test material consumption data are presented in Appendices AD and AE.

Test material consumption was generally in good agreement with target levels during gestation (F2a: Table 67, and F2b: Table 69) for both the F2a and F2b litters. The highest fluctuation in measured dose rate occured in the high dose group during the F2b Day 16-20G interval (-19%).

During lactation (F2a: Table 68, and F2b: Table 70), test material consumption was in good agreement with the target levels for the low and mid dose groups only during the postnatal Day 0-4 interval. During the F2a and F2b litters, the high dose group was 28 and 34% lower than target during the postnatal Day 0-4 interval, respectively. During the remainder of lactation (Day 4-21), the dosages exceeded target in all cases. This was due to the increases in food consumption that were more than proportional to body weight gains, which increased only slightly, if at all. In addition, during the middle of lactation (around postnatal Day 10), pups may begin to play in the dams' feeders causing spillage, and around postnatal Day 18 they may begin to eat from the dams' feeders, thus confounding interpretation food consumption and test material consumption data.

6. Necropsy Observations

a. P1 Males and Females

The majority of male rats survived to study termination and were free of any observable abnormalities at postmortem examination (Table 30). The remaining rats had single or low incidences of skin/fur, incisor, ear, cervical lymph node, kidney, urinary bladder, testicular, seminal vesicle, and/or preputial gland abnormalities. One high dose male died spontaneously on Day 148 and postmortem observations included larger than normal/dark red cervical lymph nodes, both eyes moderately vascularized, maloccluded and broken incisors, extremely longer than normal lower incisors, mottled lungs, palate sores, yellow/crusty material on penis, slight amount of ingesta in the stomach, and a white nodule on the outer surface of the stomach.

All female rats survived to scheduled study termination and the majority of these rats were free of observable abnormalities (Table 31). The remaining rats had single or low incidences of ear, liver, ocular, incisor, skin, kidney,

cervical lymph node, tail, vaginal, cecum, colon and/or thymus abnormalities. However, in the mid dose group, there were increased incidences of alopecia, dilated renal pelves, reddened or enlarged cervical lymph nodes, and masses. Two rats had uterine masses, another rat had an ovarian mass, and one other rat had a subcutaneous mass. Additionally, one rat in the high dose group was apparently lactating, as indicated by the presence of white liquid in the mammary glands, although no implantation sites were evident upon examination of the uterus. The apparent lactation remains unexplained at the present time.

b. P2 Males and Females

The majority of male rats which survived to study termination were free of any observable abnormalities (Table 71). The incidence of abnormalities was approximately the same for the control, low, and mid dose groups. However, it was apparent that in the high dose group, more than half of the male rats had postmortem abnormalities. Throughout the groups, there were scattered or single incidences of incisor, head, ocular, kidney, skin/fur, gastro-intestinal, forepaw, testicular, palate, uro-genital, abdominal, seminal vesicle, and prostate abnormalities. In the high dose group there was an increased incidence of smaller than normal testes (10/30) which may be indicative of a treatment-related effect. In addition, a subcutaneous mass was found in the inguinal area of one low dose male.

One low dose male was found dead on Day 35. Postmortem observations included emaciation and ano-genital staining. In addition, one high dose male rat was found dead on Day 86 and postmortem observations included urinary bladder, kidney, and skin/fur abnormalities. These observations were considered incidental and unrelated to treatment.

The majority of female rats which survived to study termination were free of observable abnormalities (Table 72). The remaining rats had single or low incidences of ear, ocular, incisor, skin/fur, kidney, urinary bladder, uterine, ovarian, and palate abnormalities. One mid dose rat died spontaneously on Day 13 and was noted with adrenal, kidney, urinary bladder, and skin/fur abnormalities. There were no apparent trends observed at necropsy. Therefore, all postmortem findings were considered incidental and unrelated to treatment.

7. Histopathology

a. P1 Males and Females

No treatment-related microscopic changes were seen in any of the male and female P1 generation rats given 500 mg/kg of MRD-89-365. The most common microscopic change observed was accumulations of macrophages containing a yellow-brown pigment (hemosiderin) in the wall of the uterus, particularly near the broad ligament. These macrophages occur at the locations of previous implantation sites. The incidence of female rats with these pigmented macrophages was similar between the control and high dose group. Also, the histomorphology of the ovaries was comparable between these two groups. All other microscopic changes were typical of those that occur spontaneously in laboratory rats of this strain and age.

b. P2 Males and Females

Microscopic changes considered to be compound-related were observed in the high dose female rats. There was a decreased incidence of high dose female rats with pigmented macrophages in the wall of the uterus and in the broad ligament, as compared to the control, low and mid dose groups. These macrophage accumulations usually occur at previous implantation sites. Also, there was variability in the size of the ovaries of rats of the various dosage groups. This variability in size generally was associated with the amount of normal corpora lutea. An increased number of high dose female rats had small ovaries due to a decrease in the number and size of corpora lutea. These ovaries generally were comprised of small follicles and were otherwise histologically normal.

No treatment-related microscopic changes were observed in any of the tissues, including the ovaries or uterus, of the low and mid dose group female rats. There were no treatment-related changes in the reproductive organs of the high dose F1b male rats.

Diffuse bilateral testicular atrophy was observed in one mid dose and three high dose male rats and in none of the control male rats of the F1b generation. Diffuse bilateral testicular atrophy does occasionally occur spontaneously in mature male rats and was present in one control P1 generation male rat. This low incidence of testicular atrophy in the F1b generation rats was not considered to be compound-related.

The most common gross and microscopic changes were seen in the kidneys of rats of both generations and they occurred sporadically throughout the groups. At necropsy, the pelves of a few rats of the various groups were observed to be dilated and this was confirmed microscopically. Other changes

seen microscopically in the kidneys included cysts in the cortex, cortical tubular dilatation, chronic glomerulonephritis, pelvic mineralization, hyperplasia of the papillary and pelvic epithelium, focal chronic nephritis, microcalculi, hemorrhage or inflammation (pyelonephritis) in the pelvic area. The F1b generation rats with the pyelonephritis also had hyperplastic cystitis and two of these rats had microcalculi in the kidneys and/or urinary bladder. None of these renal changes were considered to be treatment-related.

There were a few other miscellaneous gross and microscopic changes in the tissues specified for examination and these were typical of those which occur spontaneously in laboratory male and female rats of this strain and age. The histopathology report is presented as Appendix AR.

8. Reproduction Data

a. P1 Males and Females (F1a and F1b litters)

Summaries of reproduction data are presented in Tables 32 and 33 (F1a and F1b litters, respectively). High dose male mating and mid dose male fertility indices for the F1a litter production were slightly lower than control indices. However, these differences were less than 10% in both cases and not considered biologically significant. The mating and fertility indices for the low dose group were higher than those of controls. Male mating indices for the F1b litter were slightly higher than controls for all treated groups. Fertility indices were comparable to controls, with the mid dose group being slightly higher than controls.

Female reproduction data for the F1a litter generally were comparable to controls. However, the fecundity index for the mid dose group was slightly lower (11.2%) when compared to controls. The remaining difference in reproduction data was limited to a higher incidence of dead offspring on postnatal Day 0 in the high dose group compared with controls (13.3 vs 1.3%, respectively). Fertility indices for F1b litter production were higher than controls for all treated groups. However, fecundity indices fluctuated between groups, with the low and high dose groups being 18.2% and 14.3% lower than controls, respectively. Remaining reproduction parameters were comparable to controls for all groups. Individual reproduction data are presented in Appendices X and Y.

b. P2 Males and Females (F2a and F2b litters)

Summaries of the reproduction data are presented in Tables 73 and 74 for the F2a and F2b litters, respectively. The high dose male mating index was reduced 24% and 31% compared to

controls for the F2a and F2b litters, respectively. Low dose male mating indices for both litters were reduced less than 10% compared with controls and were not considered biologically significant. There was a dose-related decrease in male fertility indices for both litters. The high dose male fertility index was 50% less than controls in the F2a litter production and 59% less in the F2b production. Female fertility indices for both litters were significantly lower than controls in the high dose group; 21% in the F2a litter, and 28% in the F2b litter. There was a dose-related decrease in female fecundity indices for both litters. In addition, there was higher percentage of dead offspring on postnatal Day 0 in the high dose group for both litters. The 10% reduction in the high dose gestational index of the F2b litter appears to be a slight, but treatment-related, effect and is consistent with the increased percentage of dead offspring observed in the F2b litter production. Individual reproduction data are presented in Appendices AF and AG.

B. OFFSPRING - F1 and F2 GENERATIONS

1. Clinical In-life Observations

a. F1a and F1b litters

The majority of offspring which survived to scheduled termination were free of any observable abnormalities and had milk present during early lactation for both the F1a and F1b litters (Tables 34 and 35, respectively). However, there appeared to be an increased number of high dose F1a pups compared with controls found dead on postnatal Days 0 or 1, without milk on postnatal Day 0, and cannibalized or missing/presumed cannibalized on postnatal Day 1. There was a similar increase in high dose F1b pups found dead on postnatal Days 0 or 1 and without milk on postnatal Days 0 or 1 compared with controls. Other observations included, but were not limited to, low incidences of the following: Hypoactivity; raised, swollen, or protruding umbilical areas; emaciation; tail abnormalities; white foci and/or nodule in the umbilical area; lacerations; ocular abnormalities; and labored/irregular breathing. Additional observations in the F1b litter included, but were not limited to, apparent umbilical hernia, head tilts, atrophy of the hindlegs, thin hair coat, eye bulge not evident, distended or engorged stomach, and staining of the skin/fur in the ano-genital region. In general, these observations were found intermittently in most groups and were considered incidental and not treatment-related. Thin hair coat was recorded for 1-5 high dose F1b pups from postnatal Days 11-21. Individual offspring observations are presented in Appendices Z and AA.

b. F2a and F2b litters

The majority of offspring which survived to scheduled termination were free of any observable abnormalities and had milk present during early lactation for both the F2a and F2b litters (Tables 75 and 76, respectively). However, there appeared to be an increased number of high dose F2a pups compared to controls found dead on postnatal Days 0-3, without milk on postnatal Days 0-2, and cannibalized or missing/presumed cannibalized on postnatal Days 0-2. In addition, thin hair coat was recorded for 10 mid dose F2a pups from postnatal Days 15-17; these may have been spurious findings since similar observations were not recorded for high dose F2b pups. There was an increase in high dose F2b pups found dead on postnatal Days 0 or 1, without milk on postnatal Days 0 or 1, and cannibalized or missing/presumed cannibalized on postnatal Day 1. Other observations included, but were not limited to, low incidences of apparent umbilical hernia, tail abnormalities, discoloration, skin/fur abnormalities, missing digits/hindlegs/tail, lacerations, raised areas, and lethargy. One control pup had anal atresia on postnatal Day 0. These observations were considered incidental and not treatment-related. Individual offspring observations are presented in Appendices AH and AI.

2. Mortality

a. F1a and F1b litters

There were no meaningful differences among the mean survival indices of the F1a or F1b offspring (Tables 36 and 37, respectively) at doses of 160 mg/kg/day and lower. The high dose group had consistently lower survival indices at all intervals (with the exception of the F1b live birth and Day 21 survival indices), as well as lower lactation indices. However, the most biologically significant effects involved the F1a live birth index, which was 12% lower, and the F1a and F1b Day 4 survival indices, which were 28% and 33% lower than controls, respectively. The F1b lactation index was 10% lower than controls. Individual survival data for the F1 generation are presented in Appendices BB through EE.

b. F2a and F2b litters

There were no meaningful differences among the mean survival indices of the F2a or F2b offspring (Tables 77 and 78, respectively) at doses of 160 mg/kg/day and lower. However, Day 4 survival indices for both litters were markedly lower in the high dose group than in controls. In addition, the high dose F2b litter showed a 16% lower live birth index compared with controls. In general, the remaining offspring survival indices for both litters were comparable to controls.

Individual offspring survival data are presented in Appendices AJ through AM.

3. Body Weights

a. F1a and F1b litters

In general, there was an increase in mean body weights for all offspring, with no meaningful differences between control and treated groups at doses of 160 mg/kg and lower in both litters (F1a: Table 38, and F1b: Table 39), except for 10% and 11% lower mid dose F1b male and female Day 21 mean body weights, respectively. However, the 500 mg/kg dose group was markedly lighter than controls at all intervals in both litters. Individual offspring body weights are presented in Appendices FF and GG.

b. F2a and F2b litters

In general, there was an increase in mean body weights for all offspring, with no meaningful differences between control and treated groups at doses of 160 mg/kg and lower in both litters (F2a: Table 79, and F2b: Table 80). However, the 500 mg/kg dose group was markedly lighter than controls at all intervals in both litters. Individual offspring body weights are presented in Appendices AN and AO.

4. Necropsy

a. F1a and F1b litters

The majority of offspring which died prior to scheduled termination were free of observable abnormalities (externally and/or internally) or were too autolyzed or cannibalized to be examined (Tables 40 and 41). Abnormal observations which occured at low incidences intermittently throughout the groups included, but were not limited to, edema, pale color, gastro-intestinal abnormalities, and/or tail abnormalities. Additional observations in the F1a high dose group included two rats with blood-filled umbilical arteries present on postnatal Day 3, and single instances of slightly small cardiac ventricles, enlarged parathyroids, abnormal flexure of the hindlegs, and brown/red liquid and black granular material in bladder (postnatal Day 16).

Observations which occurred throughout the F1b litter, but were not present in the F1a litter included renal and ureter abnormalities. A single incidence of elongated head occurred in the control group, as well as a single incidence of red oral discharge in the mid dose group on postnatal Day 27. Seven rats in the high dose group had smaller than normal

livers. Other abnormalities limited to the high dose group were larger than normal cecum, staining of the skin/fur, and cardio-vascular abnormalities.

Three F1b rats were euthanized prior to scheduled termination; two high dose rats on Day 13L and one mid dose rat on Day 14L. The two high dose rats had necrotic tails and apparent atrophy of the hindlegs. One high dose rat additionally had poor flexure of the right hindleg. The mid dose rat had an extremely distended stomach which was engorged with a solid, firm mass of white material, as well as a slight amount of gas throughout its intestinal tract.

The majority of male rats which survived to scheduled terminal euthanasia were free of observable abnormalities. F1a abnormalities were limited to single incidences of distended cecum or colon in the mid dose group, as well as smaller than normal seminal vesicles and both testes in the abdominal cavity in the high dose group. F1b abnormalities were limited to one low dose rat with a dilated renal pelvis and one high dose rat with brown foci on its right kidney.

Similarly, two F1a female rats (1 each in the low and mid dose groups) had dilated renal pelvis. In the mid dose group, one rat had enlarged cervical lymph nodes and one rat had apparent anophthalmia. Three rats in the high dose group had clear or brown foci on one or both kidneys, and one additionally had a tan embedded area on its right kidney with clear foci on the outer cortex of the left kidney. One rat had staining of the skin/fur. All of these findings were considered incidental and not related to treatment.

b. F2a and F2b litters

Postmortem examination observations in offspring dying prior to study termination for the F2a and F2b litters are presented in Tables 81 and 82, respectively. The majority of rats were free of observable abnormalities or were either too autolyzed or cannibalized to be examined. Necropsy findings included, but were not limited to, single or low incidences of distended or convoluted ureters, dilated renal pelves, and distended bladder. The majority of rats dying prior to study termination did not have milk present in the stomach.

The majority of offspring in all groups which survived to study termination were free of any observable abnormalities. In the F2a litter, abnormalities were limited to one control rat with an apparent umbilical hernia and one low dose rat with a truncated tail. In the F2b litter, there was a very low incidence of intermittent findings throughout all groups, with the exception of the high dose group. Both surviving rats in the high dose group were free of any observable

abnormalities. Findings in other groups were limited to apparent umbilical hernia, smaller than normal/misshapen eye, dilated renal pelvis, and swollen tail. These findings were considered incidental and unrelated to treatment.

C. ANALYTICAL RESULTS

An analytical chemistry report is presented in Appendix AP. Homogeneity analyses were conducted on the feed mixtures at the lowest actual dietary nominal concentration (250 ppm) and the highest actual dietary nominal concentration (17000 ppm) concomitant with the study. Triplicate samples from the top, middle, and bottom levels of both the mixed batches were analyzed. Good homogeneity was achieved at the high and low levels with the overall coefficient of variation (CV) being only 0.7% for the high level and 4% for the low level.

Results of the stability analysis indicate that at both the low and high concentration levels, MRD-89-365 was stable in feed for up to one month at both room and refrigerated temperatures.

Concentration analyses were performed on feed weekly (Weeks 1-10) and monthly (Weeks 14-62). All analyzed samples were within 11% or less of the nominal concentrations and most were within 5% or less.

DISCUSSION

Many of the effects observed during this study were related to statistically significant adverse effects on offspring in the high dose group (500 mg/kg/day). High dose male and female offspring of all litters in both generations weighed less than the controls and treated groups at all intervals and had reduced survival indices prior to weaning. Additionally, adverse effects were observed in several reproductive indices of both high dose male and female F1b (P2) rats. While the percentage of live pups was lower and that of dead pups higher in the high dose F1a litter, these values were similar to controls in the F1b litter. However, litter size and percentage of live pups were lower, with a higher percentage of dead pups, in both litters produced by high dose F1b (P2) rats.

The higher incidence of small testes at necropsy of high dose P2 males may be associated with treatment-related reductions in body weight and may not represent direct toxic effects of the test article in the absence of corresponding histopathological changes. Conversely, histopathological findings of reduced ovarian size, lower number of corpora lutea, and lower number of uterine implantation sites in high dose P2 females were consistent with the adverse effects on reproductive indices observed in this study. The nature of the present study design does not allow identification of the mechanism of the adverse effect on reproduction.

One striking finding in this study was the higher incidence of stillborn pups of both litters and generations in the high dose group, with the exception of the F1b litter. Many pups in the F1a and F1b litters from the high dose group had generalized edema (anasarca). Fetal death occurred close to parturition, since those offspring which could be examined appeared to be relatively well-developed. There did not appear to be a higher incidence of either treatment-related malformations or developmental variations in the dead offspring or in those surviving to scheduled euthanasia following weaning on postnatal Day 21. The mechanism of the observed fetotoxicity remains unexplained at the present time.

Statistically significantly lower male fertility and female fecundity indices were observed in all dose groups of the P2 generation during mating for the F2a and F2b litters. However, the low and mid dose group values from the present study fall within or close to historical control ranges for these parameters in this laboratory.

The historical control ranges for male fertility indices for the P1 and P2 generations are 73.3 - 89.7% and 66.7 - 89.7%, respectively. The historical control ranges for female

fecundity indices for the P1 and P2 generations (first litter per generation) are 84.6 - 92.6% and 81.8 - 88.9%, respectively. Historical control values for production of a second litter per generation are lower (data from one study): the P1a male fertility index was 89.7% vs. 75.0% in the P1b litter, while the P1a female fecundity index was 92.6% compared with 80.0% in the second litter. Similarly, the P2a male fertility index was 89.7% vs. 76.0% in the P2b litter, while the P2a female fecundity index was 88.9% compared with 82.6% in the second litter.

Accordingly, P2 male fertility indices of 72.4% for first mating in the low and mid-dose groups of the present study fall within this laboratory's historical control range. P2 female fecundity indices of 82.1% and 75.0% for the first mating in the low and mid dose groups, respectively, were within or slightly below the overall historical range for this parameter while P2b female fecundity indices of 74.1% and 64.3% for the low and mid dose groups, respectively, were below the overall historical range for this parameter.

Nevertheless, all fertility indices determined in the present study were similar to those reported by other laboratories using Charles River VAF/Plus rats from Kingston (New York) facility (personal communication, 1991). Moreover, recent (male) fertility problems have been reported by Charles River Breeding Labs and by some of their customers (Appendix AT). The statistically significantly lower male fertility and female fecundity indices observed in the low and mid dosage level groups from the present study were similar to historical control fertility indices obtained from multigeneration reproduction study designs conducted by several laboratories. Therefore, these statistically significantly lower male fertility and female fecundity indices from the low and mid dose groups are considered to be spurious findings due, in part, to relatively high values in concurrent controls and are not treatment-related.

In conclusion, toxicity was present, at a dosage level of 500 mg/kg/day, as indicated by decreased parental body weight, food consumption, reproductive parameters, with a concomitant reduction in survival and growth rates in the offspring. Based on these findings, a dose of 160 mg/kg/day was established as the parental, reproductive, and developmental NOAEL (No Observable Adverse Effect Level) under the conditions of this study.

KEY A - KEY TO IN-LIFE OBSERVATIONS ABBREVIATIONS

+ = Observation present

- = Observation not present at scheduled interval

- = No unusual observation present at unscheduled interval

CONDITION	LOCATIONS	CONDITION	LOCATIONS
Swollen, Scabs, Alopecia and/or Sores:	around eye(s)	Mass:	left thorax
	abdomen		cheek
	anterior dorsal		anterior to penis
	anterior to penis		
	cheek		
	dorsal cervical		
	ear(s)		
	lateral cervical		
	limbs		
	palate		
	posterior dorsal		
	posterior ventral		
	snout		
	ventral cervical		
	ventral surface		

NOTE: This is a list of possible locations for observations listed in Tables 1, 2, 5, 42, 43, and 46 (Incidence of Inlife Observations), for each animal's specific observations see Appendices A, B, E, HH, II, and LL (Individual Inlife Observations).

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TABLE 1 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P1 MALES
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

		DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
SURVIVORS	0 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	50 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	160 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	500 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
GENERAL OBSERVATION WITHIN NORMAL LIMITS																		
	0 MG/KG	30	30	30	29	28	28	25	27	27	25	26	27	25	25	25	24	22
	50 MG/KG	29	28	30	30	20	27	28	29	29	28	27	27	27	27	28	28	26
	160 MG/KG	30	30	30	30	25	28	28	29	26	27	27	27	25	25	25	24	25
	500 MG/KG	29	28	30	29	28	27	27	28	28	28	28	28	27	27	27	27	26
RESPIRATION RED NASAL DISCHARGE																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRIED RED NASAL DISCHARGE																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
	500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APPEARANCE UNTHRIFTY COAT																		
	0 MG/KG	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALOPECIA																		
	0 MG/KG	0	0	0	0	0	2	1	1	1	2	3	2	2	2	2	3	4
	50 MG/KG	1	1	0	0	0	1	0	0	0	1	2	2	1	1	0	1	1
	160 MG/KG	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1
	500 MG/KG	0	0	0	0	0	0	1	0	1	1	1	1	2	1	2	2	2
SCABS																		
	0 MG/KG	0	0	0	1	2	0	2	0	0	1	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0

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TABLE 1 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
SWOLLEN EAR(S)																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MISSING: UPPER INCISOR(S)																	
0 MG/KG	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMACIATED																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORES: PALATE																	
0 MG/KG	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0
500 MG/KG	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
BROKEN: UPPER INCISOR(S)																	
0 MG/KG	0	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	2
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	2
MALOCCLUDED INCISORS																	
0 MG/KG	0	0	0	0	0	0	2	1	0	1	1	1	2	2	2	3	3
50 MG/KG	0	0	0	0	1	2	2	1	1	2	2	2	2	2	2	2	3
160 MG/KG	0	0	0	0	0	0	0	0	1	2	2	2	3	3	3	3	3
500 MG/KG	0	0	0	1	2	2	2	1	2	2	2	2	3	3	3	3	3

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TABLE 1 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
OCULAR																	
RED OCULAR DISCHARGE																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRIED RED OCULAR DISCHARGE																	
0 MG/KG	0	0	0	0	0	0	2	2	2	2	2	2	3	3	2	2	1
50 MG/KG	0	1	0	0	2	2	2	1	1	1	1	1	1	1	1	1	2
160 MG/KG	0	0	0	0	0	1	0	0	2	1	1	1	2	1	1	2	1
500 MG/KG	1	1	0	1	2	1	1	1	1	1	1	1	2	2	2	1	2

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TABLE 1 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

		DAY 1 1 2	DAY 1 1 9	DAY 1 2 6	DAY 1 3 3	DAY 1 4 0	DAY 1 4 7	DAY 1 5 4	DAY 1 6 1	DAY 1 6 8	DAY 1 7 5	DAY 1 8 2	DAY 1 8 9	DAY 1 9 6	DAY 2 0 3	DAY 2 1 0	DAY 2 1 5	DAY 2 1 6
SURVIVORS	0 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	20
	50 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	21
	160 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	20
	500 MG/KG	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29	29	19
GENERAL OBSERVATION WITHIN NORMAL LIMITS																		
	0 MG/KG	23	23	23	23	24	24	23	24	24	23	23	23	23	22	23	7	16
	50 MG/KG	26	26	28	27	26	27	27	26	27	26	26	27	26	26	27	9	17
	160 MG/KG	25	26	26	26	25	26	23	23	23	23	23	24	24	23	23	8	15
	500 MG/KG	26	26	26	26	26	25	25	26	26	26	26	26	26	26	26	9	17
RESPIRATION RED NASAL DISCHARGE																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APPEARANCE ALOPECIA																		
	0 MG/KG	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	1	0	0	0	0	0	0	0	2	2	0	1	2	2	0	0
	160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0
SCABS																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWOLLEN EAR(S)																		
	0 MG/KG	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	0	2
	50 MG/KG	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	0	2
	500 MG/KG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1

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TABLE 1 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210	DAY 215	DAY 216
SWOLLEN HINDPAW AND/OR HINDLEG																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSING: UPPER INCISOR(S)																	
0 MG/KG	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1
50 MG/KG	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1
160 MG/KG	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1
500 MG/KG	0	0	1	0	0	0	1	1	1	1	1	1	1	2	2	1	0
EMACIATED																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MASS: LEFT LATERAL THORACIC																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORES: PALATE																	
0 MG/KG	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BROKEN: UPPER INCISOR(S)																	
0 MG/KG	2	0	0	0	1	2	2	2	2	2	2	2	2	2	2	1	1
50 MG/KG	2	2	2	2	2	1	1	2	2	2	2	2	2	2	1	0	1
160 MG/KG	0	0	0	0	0	0	1	0	0	1	0	1	1	1	1	0	1
500 MG/KG	2	2	2	2	2	4	2	1	1	1	1	1	1	1	1	0	1
MALOCCLUDED INCISORS																	
0 MG/KG	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	2	2
50 MG/KG	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	0	1
160 MG/KG	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	2	3
500 MG/KG	3	3	2	3	3	3	1	1	1	1	1	1	1	1	0	0	1

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TABLE 1 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210	DAY 215	DAY 216
ALOPECIA																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSING: UPPER INCISOR(S)																	
0 MG/KG	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCULAR																	
DRIED RED OCULAR DISCHARGE																	
0 MG/KG	1	1	2	2	2	2	2	2	2	3	2	2	2	1	1	0	1
50 MG/KG	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1
160 MG/KG	1	1	1	1	1	1	3	3	3	2	3	2	2	2	2	0	2
500 MG/KG	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1

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TABLE 1 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

		DAY 217
SURVIVORS	0 MG/KG	10
	50 MG/KG	11
	160 MG/KG	10
	500 MG/KG	9
GENERAL OBSERVATION		
WITHIN NORMAL LIMITS		
	0 MG/KG	8
	50 MG/KG	10
	160 MG/KG	6
	500 MG/KG	8
APPEARANCE		
SWOLLEN EAR(S)		
	0 MG/KG	1
	50 MG/KG	0
	160 MG/KG	2
	500 MG/KG	1
MISSING: UPPER INCISOR(S)		
	0 MG/KG	0
	50 MG/KG	0
	160 MG/KG	1
	500 MG/KG	0
BROKEN: UPPER INCISOR(S)		
	0 MG/KG	1
	50 MG/KG	0
	160 MG/KG	0
	500 MG/KG	0
MALOCCLUDED INCISORS		
	0 MG/KG	1
	50 MG/KG	0
	160 MG/KG	2
	500 MG/KG	0

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TABLE 1 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

	DAY 217
OCULAR	
DRIED RED OCULAR DISCHARGE	
0 MG/KG	1
50 MG/KG	0
160 MG/KG	1
500 MG/KG	0

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TABLE 2 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1A)
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
FEMALES

	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91
SURVIVORS															
0 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
50 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
160 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
500 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
GENERAL OBSERVATION WITHIN NORMAL LIMITS															
0 MG/KG	30	30	30	28	28	27	27	26	27	26	26	25	13	5	2
50 MG/KG	30	30	30	30	30	30	29	29	30	29	29	28	13	1	0
160 MG/KG	30	30	30	30	30	29	29	29	29	29	28	27	20	1	1
500 MG/KG	30	30	30	29	29	29	29	28	28	27	27	26	16	6	4
RESPIRATION RED NASAL DISCHARGE															
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APPEARANCE ALOPECIA															
0 MG/KG	0	0	0	2	2	2	1	2	2	2	3	2	1	0	0
50 MG/KG	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
500 MG/KG	0	0	0	1	1	1	1	2	2	3	3	3	1	1	1
SCABS															
0 MG/KG	0	0	0	1	1	1	1	1	0	0	0	0	1	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
SWOLLEN AREA(S)															
0 MG/KG	0	0	0	0	0	0	1	2	1	1	1	2	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

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TABLE 2 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
FEMALES

	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91
SORES: PALATE															
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BROKEN: UPPER INCISOR(S)															
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	1	1	1	1	1	0	1	1	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUDED INCISORS															
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	1	1	1	1	1	2	2	1	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCULAR															
DRIED RED OCULAR DISCHARGE															
0 MG/KG	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	1	1	1	1	1	1	2	1	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TABLE 3 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P1/F1A

DOSE: 0 MG/KG

TIME=	D A Y	D A Y	D A Y	D A Y	D A Y	D A Y
	0	6	9	1	1	2
				2	6	0
N=	28	28	28	28	28	28
NO OBSERVABLE ABNORMALITIES	23	22	23	22	22	21
RIGHT EAR SWOLLEN	-	1	1	1	-	-
RIGHT EAR RED	-	1	1	1	-	-
LEFT EAR SWOLLEN	-	-	-	1	-	-
BOTH EARS SWOLLEN	1	1	1	1	2	3
BOTH EARS RED	1	1	1	1	1	3
RIGHT EYE: DRY RED OCULAR DISCHARGE	-	-	1	-	1	-
ALOPECIA: SNOUT	-	1	1	1	1	1
ALOPECIA: VENTRAL CERVICAL	-	-	-	-	-	1
ALOPECIA: BOTH FOREPAWS	2	2	2	2	2	4
ALOPECIA: BOTH FORELEGS	1	-	-	-	-	-
ALOPECIA: RIGHT FORELEG	1	1	1	1	1	1
SCAB: BASE OF TAIL	1	-	-	-	-	-
SCAB: SNOUT	1	-	-	-	-	-
BROKEN RIGHT UPPER INCISOR	-	1	-	-	-	-

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TABLE 3 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P1/F1A CONT.

DOSE: 50 MG/KG

TIME=	DAY	DAY	DAY	DAY	DAY	DAY
	0	6	9	1 2	1 6	2 0
N=	30	30	30	30	30	30
NO OBSERVABLE ABNORMALITIES	27	27	26	25	25	26
RIGHT EAR SWOLLEN	-	1	1	1	-	-
RIGHT EAR RED	1	1	1	1	-	-
BOTH EARS SWOLLEN	2	2	2	3	3	3
BOTH EARS RED	2	2	2	2	2	2
MALOCCLUDED INCISORS	-	-	1	1	1	1
BROKEN LEFT UPPER INCISOR	-	-	-	-	1	-
MISSING RIGHT UPPER INCISOR	-	-	-	-	-	1

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TABLE 3 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P1/F1A CONT.

DOSE: 160 MG/K[illegible]

TIME-	D A Y	D A Y	D A Y	D A Y	D A Y	D A Y
	0	6	9	1	1	2
				2	6	0
N-	29	29	29	29	29	29
NO OBSERVABLE ABNORMALITIES	26	26	26	26	24	24
BOTH EARS SWOLLEN	-	-	-	1	1	1
BOTH EARS RED	-	-	-	1	1	1
RIGHT EYE: DRY RED OCULAR DISCHARGE	2	2	2	1	1	1
ALOPECIA: VENTRAL CERVICAL	-	-	-	1	-	-
ALOPECIA: BOTH FOREPAWS	-	-	-	1	1	2
ALOPECIA: RIGHT FOREPAW	-	-	1	-	-	-
ALOPECIA: BOTH FORELEGS	-	-	1	1	2	2
ALOPECIA: RIGHT FORELEG	-	1	-	-	-	-
ALOPECIA: LEFT FORELEG	-	-	-	-	-	1
ALOPECIA: AROUND RIGHT EYE	-	-	1	-	-	1
MALOCCLUDED INCISORS	2	2	1	2	2	2
ANO-GENITAL AREA: RED STAINING	1	-	-	-	-	-
MUCOIDAL STOOL	-	-	-	-	1	-

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TABLE 3 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P1/F1A CONT.

DOSE: 500 MG/KG

TIME=	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20
N=	26	26	26	26	26	26
NO OBSERVABLE ABNORMALITIES	23	23	23	22	20	19
RIGHT EAR SWOLLEN	-	-	-	1	1	2
RIGHT EAR RED	-	-	-	-	-	1
BOTH EARS SWOLLEN	1	1	1	1	1	1
BOTH EARS RED	1	1	1	1	1	1
ALOPECIA: BOTH FOREPAWS	-	-	-	-	-	1
ALOPECIA: RIGHT FOREPAW	-	-	-	-	1	1
ALOPECIA: BOTH FORELEGS	1	1	1	1	1	2
ALOPECIA: RIGHT FORELEG	-	-	-	-	1	1
ALOPECIA: BOTH HINDLEGS	-	-	-	-	-	1
ALOPECIA: RIGHT SCAPULAR AREA	-	1	-	-	-	-
ALOPECIA: BOTH SCAPULAR AREAS	-	-	1	1	1	1
ALOPECIA: VENTRAL	-	-	-	-	-	1
ALOPECIA: BASE OF TAIL	1	1	1	1	1	1
URINE STAINING	1	-	-	-	-	-

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TABLE 4 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P1/F1A

DOSE: 0 MG/KG

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 1 4	DAY 2 1
N=	24	24	24	24	24	24
NO OBSERVABLE ABNORMALITIES	21	21	22	22	21	22
LEFT EAR SWOLLEN	1	1	-	-	-	-
LEFT EAR RED	1	1	-	-	-	-
ALOPECIA: BOTH FOREPAWS	2	2	2	2	3	2
ALOPECIA: BOTH FORELEGS	-	-	-	-	1	1

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TABLE 4 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P1/F1A CONT.

DOSE: 50 MG/KG

TIME-	DAY 0	DAY 1	DAY 4	DAY 7	DAY 1	DAY 2
					4	1
N=	25	25	25	25	25	25
NO OBSERVABLE ABNORMALITIES	22	20	21	21	21	20
BOTH EARS SWOLLEN	2	3	3	3	3	3
BOTH EARS RED	2	2	2	2	3	3
MALOCCLUDED INCISORS	1	1	1	1	1	1
RIGHT UPPER INCISOR: MISSING	1	1	1	1	-	-
RIGHT UPPER INCISOR: BROKEN	-	-	-	-	1	-
ALOPECIA: BOTH FOREPAWS	-	1	1	1	1	1
ALOPECIA: RIGHT FOREPAW	-	-	-	-	-	1
VAGINA: RED EXUDATE	1	1	-	-	-	-

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TABLE 4 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P1/F1A CONT.

DOSE: 160 MG/KG

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
N=	23	23	23	23	23	23
NO OBSERVABLE ABNORMALITIES	18	19	18	18	18	17
BOTH EARS SWOLLEN	1	-	1	1	1	1
BOTH EARS RED	1	-	1	1	1	-
RIGHT EYE: DRY RED OCULAR DISCHARGE	1	1	1	1	1	1
BROKEN UPPER INCISOR	-	-	1	-	-	-
MALOCCLUDED INCISORS	2	1	1	1	1	1
ALOPECIA: AROUND RIGHT EYE	1	1	1	1	1	1
ALOPECIA: VENTRAL CERVICAL	-	-	-	-	-	1
ALOPECIA: BOTH FOREPAWS	2	1	2	2	1	2
ALOPECIA: RIGHT FOREPAW	-	-	-	-	1	1
ALOPECIA: BOTH FORELEGS	3	3	3	2	2	3
ALOPECIA: LEFT FORELEG	-	-	-	1	1	1
VAGINA: RED EXUDATE	1	-	-	-	-	-
ANO-GENITAL STAINING	1	-	-	-	-	-
APPARENT PROLAPSED UTERUS	-	1	-	-	-	-

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TABLE 4 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P1/F1A CONT.

DOSE: 500 MG/KG

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
N=	24	23	23	24	23	23
NO OBSERVABLE ABNORMALITIES	15	15	15	15	15	14
BOTH EARS SWOLLEN	1	1	1	1	1	1
BOTH EARS RED	1	1	1	-	-	-
RIGHT EAR SWOLLEN	-	-	-	-	1	1
RIGHT EAR RED	-	-	-	-	1	1
ALOPECIA: BOTH SCAPULAR AREAS	1	1	1	1	1	1
ALOPECIA: VENTRAL	1	-	1	1	-	-
ALOPECIA: VENTRAL CERVICAL	-	-	-	-	1	1
ALOPECIA: VENTRAL ABDOMEN	-	-	-	-	1	-
ALOPECIA: LEFT INGUINAL AREA	-	-	-	-	1	-
ALOPECIA: BASE OF TAIL	1	1	1	1	1	1
ALOPECIA: BOTH FOREPAWS	3	3	3	4	4	4
ALOPECIA: LEFT FOREPAW	-	-	-	-	-	1
ALOPECIA: RIGHT FOREPAW	1	-	-	1	-	-
ALOPECIA: BOTH FORELEGS	2	2	3	3	3	2
ALOPECIA: RIGHT FORELEG	3	2	1	2	-	-
ALOPECIA: BOTH HINDLEGS	-	-	-	-	1	-
ALOPECIA: LEFT HINDLEG	1	1	1	1	-	-
SCABS: LEFT FOREPAW	1	1	-	-	-	-
SCABS: RIGHT FOREPAW	-	-	1	-	-	-
SCABS: LEFT FORELEG	1	-	-	-	-	-
MASS: LEFT LATERAL CERVICAL	1	1	1	1	1	1
VAGINA: RED EXUDATE	2	-	1	-	-	-

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TABLE 5 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B)
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
FEMALES

	DAY 133	DAY 144	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210	DAY 211	DAY 213	DAY 214
SURVIVORS															
0 MG/KG	24	24	24	24	24	24	24	24	24	20	20	20	20	15	10
50 MG/KG	25	25	25	25	25	25	25	25	25	18	18	18	18	13	7
160 MG/KG	23	23	23	23	23	23	23	23	23	21	21	21	21	12	6
500 MG/KG	24	24	24	24	24	24	24	24	24	18	18	18	18	13	9
GENERAL OBSERVATION WITHIN NORMAL LIMITS															
0 MG/KG	21	21	21	14	7	6	5	2	3	3	13	13	4	4	5
50 MG/KG	23	22	22	17	5	3	3	1	1	1	11	11	3	4	4
160 MG/KG	20	22	21	15	7	6	4	2	2	2	12	11	7	3	1
500 MG/KG	19	21	19	13	4	2	2	2	2	2	11	10	3	2	4
APPEARANCE ALOPECIA															
0 MG/KG	2	2	2	1	0	0	1	1	0	0	3	3	1	1	1
50 MG/KG	0	1	1	1	0	0	0	0	0	0	4	4	2	1	1
160 MG/KG	2	0	1	2	0	0	0	0	0	0	4	3	0	2	1
500 MG/KG	3	2	4	1	1	2	1	0	0	0	5	5	2	2	2
SCABS															
0 MG/KG	[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
SWOLLEN EAR(S)															
0 MG/KG	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
50 MG/KG	2	3	3	2	0	0	0	1	1	1	1	1	0	1	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
500 MG/KG	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
NECROTIC TAIL															
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TABLE 5 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
FEMALES

	DAY 13	DAY 14	DAY 14	DAY 15	DAY 16	DAY 16	DAY 17	DAY 18	DAY 18	DAY 19	DAY 20	DAY 21	DAY 21	DAY 21	DAY 21
	3	0	7	4	1	8	5	2	9	6	3	0	1	3	4
MISSING: UPPER INCISOR(S)															
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0
MASS: LEFT THORACIC															
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BROKEN: UPPER INCISOR(S)															
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUDED INCISORS															
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OCULAR															
DRIED RED OCULAR DISCHARGE															
0 MG/KG	1	1	1	2	1	1	0	1	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0
160 MG/KG	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TABLE 6 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P1/F1B

DOSE: 0 MG/KG

TIME=	DAY	DAY	DAY	DAY	DAY	DAY
	0	6	9	1	1	2
				2	6	0
N=	24	24	24	24	24	24
NO OBSERVABLE ABNORMALITIES	16	16	16	16	16	16
ALOPECIA: BOTH FOREPAWS	2	2	2	1	2	2
ALOPECIA: LEFT FOREPAW	-	-	-	1	-	-
ALOPECIA: RIGHT FOREPAW	-	-	-	1	-	-

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TABLE 6 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P1/F1B CONT.

DOSE: 50 MG/KG

TIME-	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20
N-	25	25	25	25	25	25
NO OBSERVABLE ABNORMALITIES	18	14	16	16	16	15
RIGHT EAR SWOLLEN	-	1	1	1	1	1
RIGHT EAR RED	-	-	-	1	1	1
BOTH EARS SWOLLEN	3	3	3	3	3	3
BOTH EARS RED	-	1	2	3	3	2
RIGHT EYE: DRY RED OCULAR DISCHARGE	-	1	-	-	-	-
ALOPECIA: BOTH FOREPAWS	1	2	2	2	2	3
ALOPECIA: RIGHT FOREPAW	-	-	-	-	1	1
ALOPECIA: BOTH FORELEGS	-	1	1	2	-	-
ALOPECIA: RIGHT FORELEG	-	-	1	-	1	1
BOTH UPPER INCISORS: BROKEN	-	1	-	-	-	-
RIGHT UPPER INCISOR: BROKEN	-	-	1	-	-	-
MALOCCLUDED INCISORS	-	1	1	1	1	-
SLIGHT AMOUNT OF STOOL PRESENT	-	1	-	-	-	-

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TABLE 6 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P1/F1B CONT.

DOSE: 160 MG/KG

TIME-	D A Y 0	D A Y 6	D A Y 9	D A Y 1 2	D A Y 1 6	D A Y 2 0
N=	23	23	23	23	23	23
NO OBSERVABLE ABNORMALITIES	15	15	15	15	16	17
BOTH EARS SWOLLEN	1	1	1	1	-	-
BOTH EARS RED	1	1	1	1	-	-
RIGHT EYE SWOLLEN	1	1	1	1	1	-
RIGHT EYE: DRY RED OCULAR DISCHARGE	1	1	1	1	1	1
ALOPECIA: BOTH FOREPAWS	1	1	2	2	2	1
ALOPECIA: BOTH FORELEGS	1	2	2	2	1	1
ALOPECIA: RIGHT FORELEG	-	-	-	-	1	-
ALOPECIA: AROUND RIGHT EYE	1	1	1	1	1	1
BOTH UPPER INCISORS: BROKEN	-	-	-	-	-	1
MALOCCLUDED INCISORS	1	1	1	1	1	1

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TABLE 6 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P1/F1B CONT.

DOSE: 500 MG/KG

TIME=	D A Y 0	D A Y 6	D A Y 9	D A Y 1 2	D A Y 1 6	D A Y 2 0
N=	24	24	24	24	24	24
NO OBSERVABLE ABNORMALITIES	15	12	14	13	14	14
BOTH EARS SWOLLEN	1	2	2	2	2	1
BOTH EARS RED	-	2	2	2	2	1
ALOPECIA: VENTRAL CERVICAL	-	-	-	-	-	1
ALOPECIA: BOTH FOREPAWS	3	5	5	6	4	4
ALOPECIA: LEFT FOREPAW	1	-	-	-	1	-
ALOPECIA: RIGHT FOREPAW	1	1	-	-	1	-
ALOPECIA: BOTH FORELEGS	-	-	2	3	2	3
ALOPECIA: RIGHT FORELEG	-	3	-	-	-	-
SCAB: LEFT ANTERIOR VAGINA	-	-	-	-	1	1

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TABLE 7 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P1/F1B

DOSE: 0 MG/KG

TIME-	DAY 0	DAY 1	DAY [illegible]	DAY 7	DAY 1 4	DAY 2 1
N=	16	16	[illegible]	16	16	16
NO OBSERVABLE ABNORMALITIES	14	14	[illegible]	13	13	13
LEFT EAR SWOLLEN	-	-	1	1	-	-
ALOPECIA: BOTH FOREPAWS	1	2	2	2	2	3
ALOPECIA: LEFT FOREPAW	-	-	-	-	1	-
ALOPECIA: RIGHT FOREPAW	1	-	-	-	-	-
ALOPECIA: BOTH FORELEGS	-	-	-	-	1	1
ALOPECIA: LEFT FORELEG	-	1	1	1	-	-

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TABLE 7 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P1/F1B CON'T

DOSE: 50 MG/KG

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 1	DAY 2
					4	1
N=	16	16	16	16	16	16
NO OBSERVABLE ABNORMALITIES	10	11	11	11	11	11
BOTH EARS SWOLLEN	1	1	1	1	1	1
BOTH EARS RED	-	-	-	-	1	1
RIGHT EYE: DRY RED OCULAR DISCHARGE	-	-	-	-	1	1
MALOCCLUDED INCISORS	-	-	1	1	-	-
ALOPECIA: VENTRAL CERVICAL	-	-	-	-	2	2
ALOPECIA: VENTRAL ABDOMEN	-	-	-	-	1	1
ALOPECIA: BOTH FOREPAWS	2	2	2	2	2	1
ALOPECIA: LEFT FOREPAW	-	-	-	-	-	1
ALOPECIA: RIGHT FOREPAW	1	1	1	1	1	1
ALOPECIA: BOTH FORELEGS	1	1	1	1	1	1
ALOPECIA: RIGHT HINDLEG	-	-	-	-	1	1
ALOPECIA: LEFT HINDPAW	-	-	-	-	-	1
LEFT UPPER INCISOR MISSING	1	1	-	-	-	-
LEFT UPPER INCISOR: BROKEN	-	-	1	1	-	-
VAGINA: RED EXUDATE	1	-	-	-	-	-

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TABLE 7 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P1/F1B CON'T

DOSE: 160 MG/KG

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 1 4	DAY 2 1
N=	17	17	17	17	17	17
NO OBSERVABLE ABNORMALITIES	13	15	14	11	12	12
RIGHT EAR SWOLLEN	-	-	-	1	-	-
RIGHT EYE: DRY RED OCULAR DISCHARGE	1	1	1	1	1	1
RIGHT EYE: SWOLLEN	-	1	1	1	1	-
BOTH EYES: DRY RED OCULAR DISCHARGE	-	-	-	1	1	-
BOTH UPPER INCISORS: BROKEN	1	1	1	1	1	1
MALOCCLUDED INCISORS	1	1	1	2	2	1
ALOPECIA: AROUND RIGHT EYE	1	1	1	1	1	2
ALOPECIA: BOTH FOREPAWS	1	1	1	1	1	1
ALOPECIA: BOTH FORELEGS	1	1	1	1	1	-
ALOPECIA: LEFT FORELEG	-	-	1	1	1	1
ALOPECIA: RIGHT FORELEG	-	-	-	1	1	1
ALOPECIA: AROUND BOTH EYES	-	-	-	-	1	-
ALOPECIA: AROUND LEFT EYE	-	-	-	-	-	1
SORES: PALATE	-	-	-	-	1	-
VAGINA: RED EXUDATE	2	-	-	-	-	-

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TABLE 7 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P1/F1B CON'T

DOSE: 500 MG/KG

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 1 4	DAY 2 1
N=	16	16	15	16	16	16
NO OBSERVABLE ABNORMALITIES	9	10	9	10	10	10
RIGHT UPPER INCISOR: MISSING	-	-	-	-	-	1
LEFT UPPER INCISOR: BROKEN	-	-	-	-	-	1
ALOPECIA: VENTRAL CERVICAL	1	-	-	-	-	-
ALOPECIA: BASE OF TAIL	-	-	-	-	-	1
ALOPECIA: BOTH FOREPAWS	5	5	5	5	5	6
ALOPECIA: LEFT FOREPAW	-	-	-	1	1	-
ALOPECIA: RIGHT FOREPAW	1	1	1	1	1	-
ALOPECIA: BOTH FORELEGS	3	2	3	3	3	4
ALOPECIA: LEFT FORELEG	1	2	1	1	1	-
ALOPECIA: RIGHT FORELEG	1	1	1	1	1	-
ALOPECIA: LEFT HINDLEG	-	-	-	-	-	1
ALOPECIA: RIGHT HINDLEG	-	-	-	-	1	1
ALOPECIA: DORSAL LUMBAR	-	-	-	-	-	1
VAGINA: RED EXUDATE	1	-	-	-	-	-

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TABLE 8 - SUMMARY OF PARENTAL SURVIVAL - P1 MALES

GROUP	UNSCHEDULED DEATHS / TOTAL	ANIMAL NUMBER	DEATH TYPE	TEST DAY	SURVIVAL INDEX
0 MG/KG	0/30				1.00
50 MG/KG	0/30				1.00
160 MG/KG	0/30				1.00
500 MG/KG	1/30	HCG149	S	148	0.97

KEY:

$$\text{Survival Index} = \frac{\text{Number alive at scheduled termination}}{\text{Total number of animals}}$$

S = Spontaneous death

E = Euthanasia

See Necropsy observations (Table 30) for details.

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TABLE 9 - SUMMARY OF PARENTAL SURVIVAL - P1 FEMALES

GROUP	UNSCHEDULED DEATHS / TOTAL	ANIMAL NUMBER	DEATH TYPE	TEST DAY	SURVIVAL INDEX
0 MG/KG	0/30				1.00
50 MG/KG	0/30				1.00
160 MG/KG	0/30				1.00
500 MG/KG	0/30				1.00

KEY:

$$\text{Survival Index} = \frac{\text{Number alive at scheduled termination}}{\text{Total number of animals}}$$

S = Spontaneous death

E = Euthanasia

See Necropsy observations (Table 31) for details.

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KEY B - KEY TO STATISTICAL SYMBOLS

No difference	$p \leq 0.05$	$p \leq 0.01$	Statistical Statement
(PARAMETRIC)			
A-			No statistical difference among the means
	A	A+	Significant difference among the means
L-			No linear response to the dose levels
	L	L+	Response is linearly related to dose
	Q	Q+	Linear response shows lack of fit
	*	**	Mean significantly different from control mean
(NONPARAMETRIC)			
K-			No statistical difference among the means
	K	K+	Means differ significantly
J-			No ordered response to the dose levels
	J	J+	An ordered response to the dose levels
	*	**	Mean significantly different from control mean
NT			Data not tested

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TABLE 10 - MEAN WEEKLY BODY WEIGHTS - P1 MALES
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63
MALE	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-
0 MG/KG											
MEAN	225.6	225.6	284.6	335.4	374.3	412.7	439.4	466.9	484.7	511.8	527.3
STD.DEV.	12.6	13.6	17.7	21.4	27.1	27.7	32.9	34.6	37.7	39.7	42.4
(N)	30	30	30	30	30	30	30	30	30	30	30
50 MG/KG											
MEAN	222.3	222.9	279.2	324.7	362.4	399.1	426.7	452.3	466.6	494.0	508.9
STD.DEV.	16.4	16.6	21.5	27.7	36.7	40.3	43.4	46.7	49.5	53.9	57.2
(N)	30	30	30	30	30	30	30	30	30	30	30
160 MG/KG											
MEAN	224.1	224.5	283.7	331.5	375.0	411.5	439.6	465.4	479.8	505.8	519.5
STD.DEV.	12.9	13.1	18.2	23.9	29.6	34.8	39.2	42.1	47.7	51.0	53.7
(N)	30	30	30	30	30	30	30	30	30	30	30
500 MG/KG											
MEAN	225.8	226.8	287.1	333.[illegible]	375.9	413.3	441.2	466.1	480.8	506.7	522.9
STD.DEV.	14.3	13.9	18.7	27.[illegible]	31.6	34.0	38.1	41.2	42.4	48.3	49.3
(N)	30	30	30	30	30	30	30	30	30	30	30

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TABLE 10 - MEAN WEEKLY BODY WEIGHTS - P1 MALES CONT.
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

MALE	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140
	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-
0 MG/KG											
MEAN	544.5	537.1	555.0	571.6	581.4	597.2	604.1	620.4	631.0	632.6	644.4
STD.DEV.	45.6	45.2	50.1	52.5	55.7	61.1	60.2	59.2	60.9	63.4	65.0
(N)	30	30	30	30	30	30	30	30	30	30	30
50 MG/KG											
MEAN	527.7	523.7	544.0	556.0	569.3	583.7	590.1	604.8	617.5	620.9	634.1
STD.DEV.	60.2	60.6	63.9	67.0	70.8	74.0	74.7	78.7	81.7	84.0	86.4
(N)	30	30	30	30	30	30	30	30	30	30	30
160 MG/KG											
MEAN	536.3	526.0	545.7	560.1	571.1	589.0	595.1	606.4	621.2	623.6	634.1
STD.DEV.	57.0	55.6	57.4	60.8	65.3	68.2	68.5	72.1	76.2	75.5	78.4
(N)	30	30	30	30	30	30	30	30	30	30	30
500 MG/KG											
MEAN	540.9	529.7	546.3	559.9	572.3	592.0	601.4	611.3	625.7	628.0	641.6
STD.DEV.	53.5	52.3	[illegible]0.0	53.1	55.9	58.9	62.1	65.5	67.7	69.3	69.9
(N)	30	30	30	30	30	30	30	30	30	30	30

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TABLE 10 - MEAN WEEKLY BODY WEIGHTS - P1 MALES CONT.
(GRAMS)
(SEE KEY B KEY TO STATISTICAL SYMBOLS)

MALE	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210
	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-
0 MG/KG										
MEAN	650.2	648.1	651.1	654.0	664.3	669.9	681.5	693.2	692.2	704.4
STD.DEV.	66.4	66.6	67.3	71.2	75.6	75.6	75.9	78.0	78.3	79.3
(N)	30	30	30	30	30	30	30	30	30	30
50 MG/KG										
MEAN	640.3	637.8	645.1	645.8	662.2	664.3	676.5	683.6	687.6	701.1
STD.DEV.	86.8	86.6	87.6	89.4	92.9	93.7	95.1	96.7	102.9	99.7
(N)	30	30	30	30	30	30	30	30	30	30
160 MG/KG										
MEAN	643.7	640.2	646.8	642.3	657.8	661.5	669.5	678.2	685.4	698.1
STD.DEV.	80.1	80.3	79.6	80.0	80.0	81.3	82.1	84.0	84.6	86.3
(N)	30	30	30	30	30	30	30	30	30	30
500 MG/KG										
MEAN	650.6	644.3	651.3	648.5	665.7	671.9	680.8	692.0	698.1	709.5
STD.DEV.	72.2	71.6	74.1	79.4	79.7	80.9	83.1	84.3	83.2	85.0
(N)	30	29	29	29	29	29	29	29	29	29

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TABLE 11 - MEAN WEEKLY BODY WEIGHTS - P1 FEMALES (F1A)
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63
	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-
0 MG/KG											
MEAN	187.9	184.2	210.8	225.0	240.0	256.0	267.7	282.0	288.0	298.7	306.9
STD.DEV.	10.0	9.1	13.5	17.0	16.7	20.2	22.0	25.4	26.4	27.9	28.9
(N)	30	30	30	30	30	30	30	30	30	30	30
50 MG/KG											
MEAN	185.6	184.4	208.3	225.3	240.7	255.5	268.1	278.7	281.8	295.4	304.5
STD.DEV.	11.3	10.7	14.5	17.7	19.7	22.2	24.4	25.3	26.3	27.5	29.8
(N)	30	30	30	30	30	30	30	30	30	30	30
160 MG/KG											
MEAN	183.6	180.6	205.9	223.1	238.1	251.1	263.8	271.3	278.5	287.9	294.6
STD.DEV.	9.5	10.2	13.0	14.8	16.3	19.3	20.9	22.3	25.8	25.7	28.5
(N)	30	30	30	30	30	30	30	30	30	30	30
500 MG/KG											
MEAN	187.6	185.2	207.9	227.1	244.3	258.2	267.2	279.7	284.8	296.5	303.3
STD.DEV.	13.4	13.3	14.8	18.6	21.9	25.4	26.1	28.8	30.4	34.2	35.1
(N)	30	30	30	30	30	30	30	30	30	30	30

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TABLE 11 - MEAN WEEKLY BODY WEIGHTS - P1 FEMALES (F1A) CONT.
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 70 A-L-	DAY 77 A-L-	DAY 84 A-L-	DAY 91 A-L-
0 MG/KG				
MEAN	309.6	311.9	332.2	397.4
STD.DEV.	33.0	31.7	51.3	52.3
(N)	30	16	5	2
50 MG/KG				
MEAN	309.4	302.3	303.7	
STD.DEV.	32.3	24.5	N/A	
(N)	30	14	1	
160 MG/KG				
MEAN	299.7	299.8	334.7	360.7
STD.DEV.	30.4	36.4	N/A	N/A
(N)	30	22	1	1
500 MG/KG				
MEAN	307.7	311.8	331.0	354.0
STD.DEV.	37.3	39.5	54.4	59.5
(N)	30	18	7	5

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TABLE 12 - MEAN GESTATION BODY WEIGHTS - P1/F1A
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20	DAY 0-20
	A-L-	A-L-	A-L-	A-L-	A-L-	A-L	A+L+	A-L-	K-J-	A-L-	AL	A+L+
0 MG/KG												
MEAN	309.5	339.5	349.5	363.9	390.6	437.2	30.0	10.0	14.4	26.7	46.6	127.7
STD.DEV.	27.5	26.9	27.8	31.0	32.6	40.3	8.5	6.4	8.2	10.1	16.4	26.3
(N)	24	24	24	24	24	24	24	24	24	24	24	24
50 MG/KG												
MEAN	310.0	334.8	345.6	359.2	387.3	440.7	24.8	10.8	13.6	28.1	53.4	130.7
STD.DEV.	32.6	35.2	33.3	33.8	34.2	40.9	10.4	7.8	3.0	7.8	11.7	17.7
(N)	25	25	25	25	25	25	25	25	25	25	25	25
160 MG/KG												
MEAN	294.1	322.6	336.1	351.2	377.5	429.2	28.5	13.5	15.0	26.4	51.6	135.0
STD.DEV.	26.7	30.3	31.7	32.3	33.3	31.6	9.2	9.6	7.4	8.4	13.1	19.7
(N)	22	22	22	22	22	22	22	22	22	22	22	22
500 MG/KG							**					*
MEAN	308.7	328.6	340.3	351.9	377.2	418.9	19.9	11.7	11.6	25.3	41.7	110.2
STD.DEV.	34.1	33.2	34.9	35.5	36.4	41.4	5.7	4.8	5.1	6.3	10.5	15.5
(N)	23	23	23	23	23	23	23	23	23	23	23	23

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TABLE 13 - MEAN LACTATION BODY WEIGHTS - P1/F1A
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 0-1	DAY 1-4	DAY 4-7	DAY 7-14	DAY 14-21	DAY 0-21
	A-L	A-L	A-L	A-L	A+L+	A-L	A-L	A-L-	K-J-	K-J-	K-J-	A-L-
0 MG/KG												
MEAN	349.2	348.8	355.4	362.8	374.6	359.8	-0.5	6.7	7.3	11.8	-14.8	10.6
STD.DEV.	26.4	25.2	21.5	27.0	24.9	29.3	8.5	10.8	13.6	12.5	20.8	25.3
(N)	24	24	24	24	24	24	24	24	24	24	24	24
50 MG/KG												
MEAN	343.6	342.7	352.2	361.9	377.6	356.3	-0.9	9.5	9.8	15.6	-21.2	12.7
STD.DEV.	33.6	32.4	33.1	29.7	25.9	20.1	9.0	11.2	11.8	12.2	13.6	24.5
(N)	25	25	25	25	25	25	25	25	25	25	25	25
160 MG/KG												
MEAN	335.7	334.4	342.8	351.7	363.0	352.3	-1.3	8.4	8.9	11.3	-10.6	16.7
STD.DEV.	32.2	27.4	20.6	20.5	22.5	21.3	9.6	13.7	7.2	14.8	17.3	24.8
(N)	23	23	23	23	23	23	23	23	23	23	23	23
500 MG/KG					*							
MEAN	329.8	326.3	335.4	345.5	347.4	343.4	-6.4	6.4	10.1	1.9	-4.0	8.3
STD.DEV.	33.5	31.9	33.1	35.2	37.9	26.8	9.2	11.0	15.9	27.8	30.2	22.7
(N)	23	20	19	19	19	19	20	19	19	19	19	19

RUN 1

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TABLE 14 - MEAN WEEKLY BODY WEIGHTS - P1 FEMALES (F1B)
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

	DAY 13	DAY 14	DAY 17	DAY 15	DAY 16	DAY 18	DAY 17	DAY 12	DAY 19	DAY 16
FEMALE	A-L-	K-J-	A-L-	A-L-	A-L	A+L+	A+L+	A-L+	AL+	A-L
0 MG/KG										
MEAN	338.4	350.4	357.6	371.0	399.8	421.3	465.1	440.7	453.9	468.3
STD.DEV.	25.9	31.2	32.3	38.3	31.7	26.9	27.5	17.8	15.8	22.6
(N)	24	24	24	17	8	7	6	3	3	3
50 MG/KG										
MEAN	343.6	353.0	359.3	366.1	409.0	448.0	464.4	454.7	466.3	471.2
STD.DEV.	35.8	39.1	43.7	47.7	51.8	32.3	16.6	35.7	42.2	75.0
(N)	25	25	25	20	5	3	3	2	2	2
160 MG/KG										
MEAN	331.7	324.2	345.0	350.6	380.3	391.3	439.0	419.7	406.7	411.9
STD.DEV.	26.8	74.0	29.3	30.2	38.0	43.4	48.8	7.2	25.4	36.1
(N)	23	24	23	18	7	6	4	2	2	2
500 MG/KG						*	**		*	
MEAN	343.8	356.4	360.9	362.0	357.2	351.5	366.7	358.3	357.7	363.6
STD.DEV.	34.7	37.7	41.4	38.4	23.0	26.3	37.2	41.6	31.8	24.9
(N)	23	24	24	14	5	4	3	2	2	2

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TABLE 15 - MEAN GESTATION BODY WEIGHTS - P1/F1B
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20	DAY 0-20
	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	K-J-	K-J-	A-L-	A-L-	A-L-	A-L
0 MG/KG												
MEAN	359.5	388.3	399.7	413.2	440.9	495.6	28.8	11.4	13.5	27.7	54.7	136.1
STD.DEV.	35.2	37.6	38.4	40.6	37.2	36.9	7.8	4.9	5.1	9.9	12.9	20.3
(N)	13	13	13	13	13	13	13	13	13	13	13	13
50 MG/KG												
MEAN	359.4	377.7	391.7	407.5	432.4	490.8	18.8	15.7	15.8	24.9	58.4	133.4
STD.DEV.	37.5	40.8	35.0	36.8	37.2	46.8	25.0	12.2	5.5	4.3	15.9	23.2
(N)	14	14	15	15	15	15	13	14	15	15	15	14
160 MG/KG												
MEAN	346.9	375.0	387.1	400.9	427.9	480.2	28.1	12.1	13.8	26.9	52.3	133.3
STD.DEV.	28.4	28.6	33.1	33.2	35.6	37.1	11.5	5.8	6.8	9.2	18.5	22.6
(N)	15	15	15	15	15	15	15	15	15	15	15	15
500 MG/KG												
MEAN	360.8	384.1	393.1	408.0	430.1	478.7	22.7	9.4	14.9	22.1	48.5	117.9
STD.DEV.	42.5	42.7	42.5	42.7	41.2	44.3	6.3	5.7	5.9	7.5	11.5	20.9
(N)	15	14	15	15	15	15	14	14	15	15	15	15

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TABLE 16 - MEAN LACTATION BODY WEIGHTS - P1/F1B
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 0 - 1	DAY 1 - 4	DAY 4 - 7	DAY 7 - 14	DAY 14 - 21	DAY 0 - 21
FEMALE	A-L-	A-L-	A-L	A-L	A-L-	A-L-	AL+	A-L-	A-L-	A-L-	A-L-	A-L-
0 MG/KG												
MEAN	400.8	402.3	411.8	414.8	419.4	400.1	1.6	9.5	2.9	4.7	-19.4	-0.7
STD.DEV.	33.1	34.4	32.8	32.7	27.7	29.7	9.1	6.4	9.1	11.5	17.1	25.9
(N)	16	16	16	16	16	16	16	16	16	16	16	16
50 MG/KG												
MEAN	392.7	392.0	401.5	404.8	408.8	393.1	-0.7	9.5	3.3	4.0	-15.6	0.4
STD.DEV.	35.3	31.7	35.0	37.7	33.2	27.1	9.8	6.6	12.8	11.1	14.0	18.3
(N)	16	16	16	16	16	16	16	16	16	16	16	16
160 MG/KG												
MEAN	386.1	385.3	389.7	387.3	394.4	378.6	-0.8	4.4	-2.4	7.1	-15.8	-7.5
STD.DEV.	32.9	32.8	29.2	28.0	26.9	29.5	9.2	8.6	14.6	11.5	14.4	28.1
(N)	17	17	17	17	17	17	17	17	17	17	17	17
500 MG/KG							*					
MEAN	385.9	376.7	384.3	384.8	395.8	386.2	-8.0	5.4	0.5	11.0	-9.5	-0.3
STD.DEV.	42.8	40.5	40.7	42.4	39.1	41.7	8.7	8.3	9.3	9.0	11.8	20.5
(N)	16	15	13	13	13	13	15	13	13	13	13	13

RUN 1

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TABLE 17 - MEAN WEEKLY FOOD CONSUMPTION - P1 MALES
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

MALE	WEEK 0	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
	K-J-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-
0 MG/KG											
MEAN	163.1	170.7	176.6	184.7	183.4	181.8	185.5	190.5	190.5	189.3	182.8
STD.DEV.	46.2	13.1	16.4	16.8	13.3	22.1	18.8	16.4	13.4	15.5	15.8
(N)	28	30	22	29	27	28	27	27	23	29	26
50 MG/KG											
MEAN	151.5	165.4	172.4	182.5	179.2	177.6	181.1	181.5	181.1	182.9	180.6
STD.DEV.	13.3	14.7	17.2	28.8	21.7	20.6	19.8	20.5	20.2	20.8	20.4
(N)	27	29	27	27	27	25	30	29	28	29	29
160 MG/KG											
MEAN	151.4	170.0	179.2	191.2	182.7	183.1	181.5	185.4	183.1	182.0	180.6
STD.DEV.	10.2	14.9	18.9	25.7	21.2	21.0	20.4	25.8	23.3	22.0	23.5
(N)	26	30	27	24	25	28	30	29	29	29	28
500 MG/KG											
MEAN	153.3	172.1	178.3	187.7	183.1	181.1	178.5	186.8	181.2	183.0	180.8
STD.DEV.	9.3	13.2	20.2	20.9	17.7	18.2	18.5	18.4	18.8	17.5	19.5
(N)	28	30	28	27	26	28	30	29	29	30	28

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TABLE 17 - MEAN WEEKLY FOOD CONSUMPTION - P1 MALES CON'T
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

MALE	WEEK 15	WEEK 17	WEEK 18	WEEK 19	WEEK 20	WEEK 21	WEEK 26	WEEK 27	WEEK 28	WEEK 29	WEEK 30
	A-L-	A-L	A-L-	A-L-	A-L-	A-L-	A-L+	A-L-	A-L-	AL+	A-L+
0 MG/KG											
MEAN	178.5	182.1	188.0	181.9	181.3	179.8	174.4	177.8	177.1	170.0	175.5
STD.DEV.	24.1	16.1	17.8	17.2	17.1	16.8	16.9	15.9	17.2	23.8	23.9
(N)	29	30	30	30	30	30	29	28	30	30	30
50 MG/KG											
MEAN	177.1	179.9	182.9	186.5	182.6	179.4	177.7	181.6	180.2	176.9	178.7
STD.DEV.	21.2	20.2	22.3	21.1	19.3	19.6	19.3	20.5	20.1	28.4	17.2
(N)	28	30	30	29	30	30	28	29	28	30	30
160 MG/KG											
MEAN	180.2	181.0	180.7	184.4	180.5	178.4	178.8	177.9	177.9	177.4	180.4
STD.DEV.	26.2	23.7	23.2	23.4	22.5	21.9	20.2	20.2	21.1	19.6	20.2
(N)	27	30	30	30	28	29	30	29	30	30	29
500 MG/KG										*	
MEAN	187.8	191.0	189.0	191.9	185.8	181.4	187.8	185.7	186.3	189.1	189.1
STD.DEV.	19.4	19.8	17.4	23.3	18.8	16.3	20.1	18.0	19.0	18.4	17.5
(N)	27	29	30	29	29	30	26	28	29	29	29

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TABLE 18 - MEAN WEEKLY FOOD CONSUMPTION - P1 FEMALES (F1A)
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	WEEK 0	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	AL-Q	AL-Q	A+L-Q+	A-L-	A-L-
0 MG/KG											
MEAN	119.6	125.8	123.0	134.1	129.8	132.3	131.3	137.3	137.0	131.6	124.4
STD.DEV.	8.9	12.7	10.9	11.1	12.1	13.5	12.0	13.3	16.1	14.9	11.7
(N)	24	29	26	25	28	24	28	28	26	28	28
50 MG/KG											
MEAN	119.2	123.0	124.5	133.8	128.3	132.1	129.4	128.5	137.8	131.8	128.6
STD.DEV.	9.4	11.5	12.7	13.3	11.6	11.8	11.2	12.6	12.3	13.1	12.7
(N)	24	25	25	25	27	24	29	28	23	28	25
160 MG/KG									*		
MEAN	117.5	120.4	124.9	130.0	125.3	129.4	124.8	131.4	125.6	127.6	128.9
STD.DEV.	8.8	10.2	10.6	11.8	11.5	15.3	14.9	13.2	12.0	15.5	15.0
(N)	25	25	28	25	28	27	29	28	26	27	23
500 MG/KG											
MEAN	122.8	121.6	129.1	140.6	130.4	132.9	134.5	136.6	133.5	135.4	129.5
STD.DEV.	10.6	9.2	11.4	20.2	11.9	12.3	12.2	13.1	14.9	13.8	14.5
(N)	27	25	18	21	25	27	28	27	29	28	23

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TABLE 19 - MEAN GESTATION FOOD CONSUMPTION - P1/F1A
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 0-6 A-L-	DAY 6-9 AL-Q	DAY 9-12 AL+	DAY 12-16 K+J+	DAY 16-20 A+L+
0 MG/KG					
MEAN	158.9	88.3	89.1	120.3	114.2
STD.DEV.	14.3	9.8	10.7	17.7	9.9
(N)	24	24	24	24	23
50 MG/KG		*		**	
MEAN	152.1	80.6	84.9	106.6	113.6
STD.DEV.	17.2	7.6	9.0	10.1	14.1
(N)	24	25	25	25	25
160 MG/KG					
MEAN	156.0	82.4	84.7	111.9	112.3
STD.DEV.	17.5	10.8	10.1	12.7	11.4
(N)	22	22	22	22	22
500 MG/KG		*	*	**	*
MEAN	152.3	80.4	80.4	107.0	102.9
STD.DEV.	9.4	8.2	7.2	8.7	11.6
(N)	23	23	23	23	22

RUN 1

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TABLE 20 - MEAN LACTATION FOOD CONSUMPTION - P1/F1A
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 0-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
	A+L+	A+L+	A+L+	A+L+	A+L+
0 MG/KG					
MEAN	102.0	127.2	161.0	249.5	542.6
STD.DEV.	17.3	19.4	17.4	32.3	60.8
(N)	24	24	24	24	24
50 MG/KG					
MEAN	104.8	131.5	165.5	262.1	527.1
STD.DEV.	18.0	21.6	20.1	28.2	103.4
(N)	25	25	25	25	25
160 MG/KG					
MEAN	104.7	124.7	158.0	250.2	520.6
STD.DEV.	21.3	23.5	27.9	[illegible].9	73.2
(N)	23	23	23	23	23
500 MG/KG	**	**	**	**	**
MEAN	81.2	103.8	135.1	196.9	345.8
STD.DEV.	20.1	23.7	27.5	49.6	79.6
(N)	19	19	19	19	19

RUN 1

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TABLE 21 - MEAN WEEKLY FOOD CONSUMPTION - P1 FEMALES (F1B)
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	WEEK 20 A-L-	WEEK 21 A-L-
0 MG/KG		
MEAN	161.3	151.7
STD.DEV.	23.6	14.8
(N)	24	24
50 MG/KG		
MEAN	157.0	147.3
STD.DEV.	22.0	20.8
(N)	25	25
150 MG/KG		
MEAN	149.6	142.8
STD.DEV.	21.3	14.6
(N)	22	23
500 MG/KG		
MEAN	162.0	150.9
STD.DEV.	21.8	18.7
(N)	23	24

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TABLE 22 - MEAN GESTATION FOOD CONSUMPTION - P1/F1B
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
FEMALE	K-J-	A-L-	A-L-	K-J-	K-J-
0 MG/KG					
MEAN	165.5	87.7	82.2	113.2	108.5
STD.DEV.	15.5	10.5	7.4	7.8	10.1
(N)	13	13	13	13	13
50 MG/KG					
MEAN	150.4	83.2	85.8	111.3	109.5
STD.DEV.	37.9	13.3	11.2	14.4	11.8
(N)	14	14	15	15	15
160 MG/KG					
MEAN	156.8	84.6	82.6	114.5	105.1
STD.DEV.	21.2	10.0	9.2	18.5	24.4
(N)	15	15	15	15	15
500 MG/KG					
MEAN	156.7	83.7	81.7	107.2	107.7
STD.DEV.	12.1	5.3	5.9	8.4	8.9
(N)	14	14	15	15	15

RUN 1

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TABLE 23 - MEAN LACTATION FOOD CONSUMPTION - P1/F1B
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 0 - 4	DAY 4 - 7	DAY 7 - 10	DAY 10 - 14	DAY 14 - 21
	A+L+	A+L+	A+L+	AL+	A+L+
0 MG/KG					
MEAN	100.5	130.2	157.8	242.2	510.6
STD.DEV.	16.9	24.8	25.8	40.1	74.1
(N)	15	16	16	16	16
50 MG/KG					
MEAN	104.1	128.4	161.4	245.5	521.6
STD.DEV.	14.4	20.0	24.3	32.8	61.1
(N)	16	16	16	16	16
160 MG/KG					
MEAN	101.4	120.2	149.3	233.0	485.9
STD.DEV.	18.8	18.5	22.3	42.5	69.2
(N)	17	17	17	17	17
500 MG/KG	**	**	**	*	**
MEAN	74.6	100.8	127.2	200.9	401.7
STD.DEV.	25.1	9.4	19.9	32.0	72.8
(N)	13	13	13	13	13

RUN 1

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TABLE 24 - MEAN PRE-MATING MEASURED DOSE RATE - P1 MALES

	1	3	4	5	6	7	8	9
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
MALE								
50 MG/KG								
MEAN	64.5	53.0	45.4	48.3	51.1	47.6	52.1	55.7
STD.DEV.	2.7	5.8	2.3	2.3	2.4	2.1	2.2	2.4
(N)	29	27	27	25	30	29	28	29
160 MG/KG								
MEAN	218.9	170.7	141.1	161.6	159.6	162.8	162.5	174.3
STD.DEV.	10.4	17.1	6.9	9.1	8.0	13.7	12.6	9.4
(N)	30	24	25	28	30	29	29	29
500 MG/KG								
MEAN	614.7	522.5	491.9	507.2	488.2	509.8	470.8	540.0
STD.DEV.	31.6	34.7	29.3	26.7	31.0	26.7	21.2	24.6
(N)	30	27	26	28	30	29	29	30

[illegible]
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TABLE 25 - MEAN PRE-MATING MEASURED DOSE RATE - P1 FEMALES

	1	3	4	5	6	7	8	9
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
FEMALE								
50 MG/KG								
MEAN	58.4	51.3	43.7	49.8	46.7	48.2	54.7	48.6
STD.DEV.	2.9	3.1	2.4	3.7	3.1	3.6	4.8	3.7
(N)	25	25	27	24	29	28	23	28
160 MG/KG								
MEAN	187.4	161.6	142.0	163.8	154.8	165.3	156.6	176.2
STD.DEV.	12.0	9.6	8.6	14.5	11.9	10.2	9.4	16.[illegible]
(N)	25	25	28	27	29	28	26	27
500 MG/KG								
MEAN	546.8	511.3	453.1	545.8	482.1	492.2	481.5	533.8
STD.DEV.	25.5	56.4	23.5	37.5	26.2	31.0	32.3	36.7
(N)	25	21	25	27	28	27	29	28

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TABLE 26 - MEAN GESTATION MEASURED DOSE RATE - P1/F1A
(MG/KG/DAY)

TARGET DOSE	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
50 MG/KG/DAY	57.9	58.1	59.1	52.6	50.5
160 MG/KG/DAY	188.9	186.8	184.0	172.0	155.9
500 MG/KG/DAY	585.2	588.6	568.8	539.0	474.8

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TABLE 27 - MEAN LACTATION MEASURED DOSE RATE - P1/F1A
(MG/KG/DAY)

TARGET DOSE	DAY 0-4	DAY 4-7	DAY 7-14	DAY 14-21
50 MG/KG/DAY	55.4	90.4	121.6	151.0
160 MG/KG/DAY	172.8	268.1	365.5	465.8
500 MG/KG/DAY	448.4	746.6	1005.7	1050.6

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TABLE 28 - MEAN GESTATION MEASURED DOSE RATE - P1/F1B
(MG/KG/DAY)

TARGET DOSE	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
50 MG/KG/DAY	50.1	53.1	52.7	48.8	43.6
160 MG/KG/DAY	162.2	165.8	156.5	154.7	129.6
500 MG/KG/DAY	515.1	527.4	499.5	469.8	435.3

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TABLE 29 - MEAN LACTATION MEASURED DOSE RATE - P1/F1B
(MG/KG/DAY)

TARGET DOSE	DAY 0-4	DAY 4-7	DAY 7-14	DAY 14-21
50 MG/KG/DAY	48.2	78.1	105.2	136.8
160 MG/KG/DAY	146.4	231.0	313.0	402.3
500 MG/KG/DAY	355.8	641.9	882.2	1078.2

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TABLE 30 - NECROPSY OBSERVATIONS - P1 MALES

0 MG/KG

HCG115M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 699 grams.

HCG086M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 725 grams.

HCG196M

INCISORS (Both upper): Maloccluded.
TERMINAL BODY WEIGHT: Not taken due to technician oversight.

HCG143M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 799 grams.

HCG140M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 599 grams.

HCG082M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 813 grams.

HCG166M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 686 grams.

HCG142M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 688 grams.

HCG071M

INCISORS: Maloccluded; (Right upper): Broken.
TERMINAL BODY WEIGHT: 639 grams.

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HCG160M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 736 grams.

HCG074M

INCISORS (Both upper): Maloccluded; (Left upper): Broken.
TERMINAL BODY WEIGHT: 654 grams.

HCG127M

EARS (Both): Slightly swollen.
KIDNEY (Right): Moderately dilated renal pelvis.
TERMINAL BODY WEIGHT: 665 grams.

HCG105M

EARS (Both): Moderately swollen.
TERMINAL BODY WEIGHT: 692 grams.

HCG169M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 690 grams.

HCG198M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 673 grams.

HCG133M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 658 grams.

HCG158M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 671 grams.

HCG153M

TESTES (Both): Flaccid and moderately smaller than normal.
TERMINAL BODY WEIGHT: 729 grams.

HCG084M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 781 grams.

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HCG073M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 682 grams.

HCG118M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 776 grams.

HCG089M

INCISORS: Maloccluded; (Both upper): Broken.
SKIN/FUR (Both eyes): Slight dry red ocular discharge.
TERMINAL BODY WEIGHT: 611 grams.

HCG156M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 724 grams.

HCG109M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 624 grams.

HCG129M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 597 grams.

HCG178M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 700 grams.

HCG093M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 652 grams.

HCG192M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 727 grams.

HCG131M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 989 grams.

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HCG099M

EARS (Both): Slightly swollen.
TERMINAL BODY WEIGHT: 707 grams.

50 MG/KG

HCG171M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 638 grams.

HCG132M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 573 grams.

HCG194M

SKIN/FUR (Around right eye): Slight amount of dry red material.
TERMINAL BODY WEIGHT: 640 grams.

HCG081M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 872 grams.

HCG141M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 667 grams.

HCG190M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 675 grams.

HCG098M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 668 grams.

HCG181M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 559 grams.

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HCG119M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 941 grams.

HCG189M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 537 grams.

HCG199M

SKIN/FUR (Left forepaw): Scab.
TERMINAL BODY WEIGHT: 694 grams.

HCG177M

INCISORS: Maloccluded; (Right upper): Broken.
TERMINAL BODY WEIGHT: 701 grams.

HCG122M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 818 grams.

HCG116M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 904 grams.

HCG188M

GENERAL CONDITION: Slightly emaciated.
INCISORS (Both upper): Missing.
SKIN/FUR (Right eye): Slight dry red ocular discharge.
TERMINAL BODY WEIGHT: 552 grams.

HCG154M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 767 grams.

HCG164M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 615 grams.

HCG124M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 655 grams.

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HCG087M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 689 grams.

HCG120M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 667 grams.

HCG137M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 674 grams.

HCG180M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 676 grams.

HCG075M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 780 grams.

HCG152M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 637 grams.

HCG100M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 713 grams.

HCG088M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 684 grams.

HCG203M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 654 grams.

HCG146M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 859 grams.

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HCG193M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 709 grams.

HCG083M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 722 grams.

160 MG/KG

HCG145M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 714 grams.

HCG179M

INCISORS: Maloccluded.
TERMINAL BODY WEIGHT: 537 grams.

HCG077M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 702 grams.

HCG165M

KIDNEY (Right): Raised tan areas and extremely dilated.
TERMINAL BODY WEIGHT: 726 grams.

HCG080M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 636 grams.

HCG136M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 680 grams.

HCG125M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 625 grams.

HCG095M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 844 grams.

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HCG176M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 670 grams.

HCG097M

INCISORS: Maloccluded.
TERMINAL BODY WEIGHT: 590 grams.

HCG202M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 700 grams.

HCG173M

CERVICAL LYMPH NODES: Moderately enlarged.
TERMINAL BODY WEIGHT: 816 grams.

HCG111M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 746 grams.

HCG150M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 778 grams.

HCG183M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 666 grams.

HCG138M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 790 grams.

HCG106M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 649 grams.

HCG200M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 704 grams.

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HCG102M

INCISORS: Maloccluded; (Left): Broken.
SKIN/FUR (Left eye): Slight dry red ocular discharge.
TERMINAL BODY WEIGHT: 822 grams.

HCG201M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 624 grams.

HCG187M

EAR (Right): Slightly swollen.
TERMINAL BODY WEIGHT: 727 grams.

HCG186M

EYE (Right): Moderate amount of dry red material.
TEETH (Left upper): Missing.
TERMINAL BODY WEIGHT: 648 grams.

HCG113M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 878 grams.

HCG134M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 704 grams.

HCG204M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 640 grams.

HCG092M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 675 grams.

HCG090M

TEETH: Maloccluded.
TERMINAL BODY WEIGHT: 657 grams.

HCG163M

EARS (Both): Moderately swollen.
TERMINAL BODY WEIGHT: 522 grams.

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HCG085M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 774 grams.

HCG103M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 720 grams.

500 MG/KG

HCG144M

SEMINAL VESICLES: Slightly distended and slightly vascularized.
URINARY BLADDER: Moderately distended and filled with a moderate amount of hard white objects.
TERMINAL BODY WEIGHT: 602 grams.

HCG185M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 671 grams.

HCG175M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 783 grams.

HCG094M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 612 grams.

HCG123M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 744 grams.

HCG126M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 736 grams.

HCG108M

URINARY BLADDER: Slightly distended.
TERMINAL BODY WEIGHT: 655 grams.

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HCG135M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 624 grams.

HCG161M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 789 grams.

HCG195M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 684 grams.

HCG079M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 859 grams.

HCG078M

BLADDER: Yellow and white semi-firm object present.
TERMINAL BODY WEIGHT: 703 grams.

HCG072M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 841 grams.

HCG155M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 891 grams.

HCG091M

INCISORS: Malocclueded; (Both upper): Broken.
SKIN/FUR (Left eye): Slight dry red ocular discharge.
TERMINAL BODY WEIGHT: 628 grams.

HCG148M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 608 grams.

HCG104M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 659 grams.

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HCG096M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 716 grams.

HCG130M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 566 grams.

HCG110M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 783 grams.

HCG149M - Spontaneous death on Day 148

CERVICAL LYMPH NODES: Slightly larger than normal and dark red.
EYES (Both): Moderately vascularized.
INCISORS: Maloccluded; (Upper): Broken; (Lower): Extremely longer than normal.
LUNGS (All lobes and surfaces): Mottled red/dark red.
PALATE: Sores.
PENIS: Slight amount of bright yellow crusty material.
STOMACH: Slight amount of ingesta; (Border of cardiac and fundic portion): White nodule on outer surface.
TERMINAL BODY WEIGHT: 644 grams.

HCG174M

TESTES (Both): Flaccid and moderately smaller than normal.
TERMINAL BODY WEIGHT: 665 grams.

HCG147M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 768 grams.

HCG191M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 614 grams.

HCG139M

EARS (Both): Moderately swollen.
TERMINAL BODY WEIGHT: 745 grams.

HCG101M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 704 grams.

HCG170M

PREPUTIAL GLAND: Moderately swollen and filled with green caseous material.
TESTIS (Left): Moderately larger than normal.
TERMINAL BODY WEIGHT: 844 grams.

HCG182M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 649 grams.

HCG157M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 733 grams.

HCG114M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 727 grams.

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TABLE 31 - NECROPSY OBSERVATIONS - P1 FEMALES

0 MG/KG

HCG222F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 320 grams.

HCG224F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 502 grams.

HCG321F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 421 grams.

HCG251F

SKIN/FUR (Both forepaws): Slight alopecia.
TERMINAL BODY WEIGHT: 313 grams.

HCG274F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 404 grams.

HCG256F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 401 grams.

HCG237F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 323 grams.

HCG236F

ALL TISSUES AND ORGANS: No observable abnormalities.
UTERUS (Implantation sites): Right = 4, Left = 2.
TERMINAL BODY WEIGHT: 318 grams.

HCG287F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 353 grams.

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HCG336F

SKIN/FUR (Both forepaws): Slight alopecia.
TERMINAL BODY WEIGHT: 355 grams.

HCG280F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: Not recorded due to technician oversight.

HCG322F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 352 grams.

HCG250F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 418 grams.

HCG219F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 363 grams.

HCG235F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 312 grams.

HCG272F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 367 grams.

HCG313F

SKIN/FUR (Both forepaws): Moderate alopecia.
TERMINAL BODY WEIGHT: 361 grams.

HCG338F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 384 grams.

HCG281F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 454 grams.

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NOT SUBJECTED TO
QA AUDIT

HCG319F

ALL TISSUES AND ORGANS: No observable abnormalities.
UTERUS (Implantation sites): None.
TERMINAL BODY WEIGHT: 433 grams.

HCG207F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 354 grams.

HCG286F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 353 grams.

HCG271F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 389 grams.

HCG261F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 464 grams.

HCG229F

EARS (Both): Slightly swollen.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 328 grams.

HCG218F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 391 grams.

HCG247F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 429 grams.

HCG308F

ALL TISSUES AND ORGANS: No observable abnormalities.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 343 grams.

HCG297F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 339 grams.

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HCG267F

ALL TISSUES AND ORGANS: No observable abnormalities.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 326 grams.

50 MG/KG

HCG340F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 353 grams.

HCG334F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 404 grams.

HCG311F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 336 grams.

HCG282F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 334 grams.

HCG212F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 350 grams.

HCG245F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 343 grams.

HCG326F

ALL TISSUES AND ORGANS: No observable abnormalities.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 350 grams.

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HCG257F

CERVICAL LYMPH NODES: Slightly larger than normal.
LIVER (Median lobe): Accessory tissue located 0.2 cm to the right of the median fissure, accessory tissue is 0.4 x 0.2 cm.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 339 grams.

HCG264F

EAR (Right): Slightly swollen.
TERMINAL BODY WEIGHT: 412 grams.

HCG333F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 354 grams.

HCG278F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 366 grams.

HCG332F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 401 grams.

HCG327F

SKIN/FUR (Right forepaw): Slight alopecia.
TERMINAL BODY WEIGHT: 330 grams.

HCG241F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 411 grams.

HCG318F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 459 grams.

HCG231F

EARS (Both): Slightly swollen.
TERMINAL BODY WEIGHT: 330 grams.

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HCG283F

KIDNEYS (Both): Extremely dilated renal pelves;
(Left): Contained slight amount of white granular material.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 341 grams.

HCG244F

SKIN/FUR (Right forepaw and hindleg): Slight alopecia.
TERMINAL BODY WEIGHT: 411 grams.

HCG214F

SKIN/FUR (Both forelegs): Slight alopecia.
TERMINAL BODY WEIGHT: 351 grams.

HCG269F

CERVICAL LYMPH NODES: Approximately 2 times larger than normal.
TERMINAL BODY WEIGHT: 432 grams.

HCG243F

KIDNEY (Left): Extremely dilated renal pelvis.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 296 grams.

HCG290F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 355 grams.

HCG301F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 358 grams.

HCG208F

SKIN/FUR (Both forepaws): Moderate alopecia
EARS (Both): Slightly swollen.
TERMINAL BODY WEIGHT: 397 grams.

HCG233F

ALL TISSUES AND ORGANS: No observable abnormalities.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 346 grams.

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QA AUDIT

HCG232F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 437 grams.

HCG325F

SKIN/FUR (Around right eye): Slight amount of dry red ocular discharge.
TERMINAL BODY WEIGHT: 337 grams.

HCG305F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 360 grams.

HCG234F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 391 grams.

HCG298F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 533 grams.

160 MG/KG

HCG215F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 375 grams.

HCG220F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 343 grams.

HCG316F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 364 grams.

HCG296F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 353 grams.

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QA AUDIT

HCG275F

KIDNEY (Right): Slightly dilated renal pelvis.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 432 grams.

HCG329F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 348 grams.

HCG260F

EYE (Right): Moderate dry red ocular discharge.
INCISORS: Maloccluded; (Both upper): Broken.
SKIN/FUR (Around right eye): Slight alopecia.
TERMINAL BODY WEIGHT: 359 grams.

HCG295F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 335 grams.

HCG240F

EARS (Both): Slightly swollen.
TERMINAL BODY WEIGHT: 336 grams.

HCG291F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 307 grams.

HCG335F

KIDNEYS (Both): Extremely dilated renal pelvis.
TERMINAL BODY WEIGHT: 435 grams.

HCG238F

KIDNEY (Right outer and inner cortices): Granular in appearance; Moderately dilated renal pelvis.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 322 grams.

HCG258F

SKIN/FUR (Left foreleg): Slight alopecia.
UTERUS/MASS A (Right horn, anterior portion): 2.0 x 2.3 cm, firm and tan, cut surface firm and tan.
TERMINAL BODY WEIGHT: 383 grams.

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NOT SUBJECTED TO
QA AUDIT

HCG330F

CERVICAL LYMPH NODES: Dark red.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 307 grams.

HCG277F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 329 grams.

HCG317F

CERVICAL LYMPH NODES: 1 moderately larger than normal, 1 moderately smaller than normal.
TERMINAL BODY WEIGHT: 385 grams.

HCG221F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 381 grams.

HCG331F

TAIL: 50% necrotic.
TERMINAL BODY WEIGHT: 380 grams.

HCG339F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 398 grams.

HCG323F

UTERUS/MASS A (Left horn): 0.4 x 0.3 cm; /MASS B (Right horn): 0.5 x 0.4 cm; /MASSES A and B: Yellow and firm, cut surface yellow and firm, located externally to uterine horns; (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 327 grams.

HCG307F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 336 grams.

HCG314F

ALL TISSUES AND ORGANS: No observable abnormalities.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 297 grams.

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QA AUDIT

HCG225F

VAGINA: Filled with moderate amount of brown thick liquid.
TERMINAL BODY WEIGHT: 366 grams.

HCG217F

CERVICAL LYMPH NODES: Slightly larger than normal, moderate amount of red foci.
KIDNEYS (Both): Slightly dilated renal pelvis.
SUBCUTANEOUS/MASS A (Left lateral thoracic): 1.6 x 1.8 x 0.8 cm, cut surface firm and tan.
THYMUS: Moderate amount of red foci.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 313 grams.

HCG263F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 443 grams.

HCG254F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 380 grams.

HCG242F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 331 grams.

HCG304F

OVARY/MASS A (Right): 1.2 x 0.9 cm, red, cut surface released a moderate amount of red fluid.
SKIN/FUR (Right foreleg and forepaw): Slight alopecia.
TERMINAL BODY WEIGHT: 320 grams.

HCG276F

CERVICAL LYMPH NODES: Slightly enlarged.
TERMINAL BODY WEIGHT: 406 grams.

HCG302F

KIDNEYS (Both): Moderately dilated renal pelvis.
SKIN/FUR (Both forepaws): Moderate alopecia.
TERMINAL BODY WEIGHT: 383 grams.

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500 MG/KG

HCG248F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 361 grams.

HCG294F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 383 grams.

HCG262F

ALL TISSUES AND ORGANS: No observable abnormalities.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 359 grams.

HCG309F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 362 grams.

HCG252F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 470 grams.

HCG255F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 395 grams.

HCG337F

ALL TISSUES AND ORGANS: No observable abnormalities.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 446 grams.

HCG288F

SKIN/FUR (Ventral cervical): Scab.
TERMINAL BODY WEIGHT: 368 grams.

HCG270F

KIDNEYS (Both): Moderately dilated renal pelvis.
SKIN/FUR (Both forepaws and forelegs): Moderate alopecia.
TERMINAL BODY WEIGHT: 349 grams.

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QA AUDIT

HCG211F

SKIN/FUR (Right foreleg and forepaw): Moderate alopecia;
(Left foreleg, forepaw, and both hindlegs): Slight alopecia.
TERMINAL BODY WEIGHT: 318 grams.

HCG300F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 393 grams.

HCG320F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 436 grams.

HCG266F

INCISORS (Both): Maloccluded; (Right upper): Missing.
SKIN/FUR (Both forepaws): Slight alopecia.
TERMINAL BODY WEIGHT: 365 grams.

HCG213F

ALL TISSUES AND ORGANS: No observable abnormalities.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 319 grams.

HCG210F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 363 grams.

HCG306F

EARS (Both): Moderately swollen and red.
TERMINAL BODY WEIGHT: 475 grams.

HCG299F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 324 grams.

HCG268F

CECUM AND COLON: Slightly distended with gas.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 308 grams.

NOT SUBJECTED TO
QA AUDIT

HCG226F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 346 grams.

HCG312F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 373 grams.

HCG253F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 352 grams.

HCG284F

MAMMARY GLANDS (All): Filled with a slight amount of white liquid, apparently lactating.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 368 grams.

HCG227F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 356 grams.

HCG293F

SKIN/FUR (Both forepaws, forelegs, and posterior dorsal): Slight alopecia.
TERMINAL BODY WEIGHT: 338 grams.

HCG259F

INCISORS: Maloccluded.
TERMINAL BODY WEIGHT: 327 grams.

HCG230F

SKIN/FUR (Left forepaw and right foreleg): Slight alopecia.
TERMINAL BODY WEIGHT: 330 grams.

HCG315F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 429 grams.

HCG273F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 358 grams.

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HCG209F

ALL TISSUES AND ORGANS: No observable abnormalities.
UTERUS (Implantation sites): None evident.
TERMINAL BODY WEIGHT: 294 grams.

HCG292F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 383 grams.

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TABLE 32 - SUMMARY OF REPRODUCTION DATA - P1/F1A

DOSE (MG/KG)	Male Mating Index	Male Fertility Index	Female Fertility Index	Female Fecundity Index	Gestational Index	Mean Days Gestation	Mean Litter Size	Mean Live	Mean Dead	Percent Live	Percent Dead
0	93.1	82.8	93.3	89.3	96.0	22.7	12.6	12.5	0.2	98.7	1.3
50	100.0	83.3	100.0	83.3	100.0	22.4	14.5	14.4	0.2	98.9	1.1
160	96.6	75.9	96.7	79.3	100.0	22.4	13.6	13.0	0.5	96.2	3.8
500	86.7	80.0	86.7	92.3	95.8	22.5	12.9	11.2	1.7	86.7	13.3

INDICES:

$$\text{Male Mating Index (\%)} = \frac{\text{Number of males for which mating confirmed}}{\text{Number of males used for mating}} \times 100$$

$$\text{Male Fertility Index (\%)} = \frac{\text{Number of males impregnating females}}{\text{Number of males used for mating}} \times 100$$

$$\text{Female Fertility Index (\%)} = \frac{\text{Number of females for which mating confirmed}}{\text{Number of females paired}} \times 100$$

$$\text{Female Fecundity Index (\%)} = \frac{\text{Number of females pregnant}}{\text{Number of females sperm positive}} \times 100$$

$$\text{Gestational Index (\%)} = \frac{\text{Number of females with live litters}}{\text{Number of females pregnant}} \times 100$$

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TABLE 33 - SUMMARY OF REPRODUCTION DATA - P1/F1B

DOSE (MG/KG)	Male Mating Index	Male Fertility Index	Female Fertility Index	Female Fecundity Index	Gestational Index	Mean Days Gestation	Mean Litter Size	Mean Live	Mean Dead	Percent Live	Percent Dead
0	75.0	66.7	75.0	88.9	100.0	22.8	13.0	12.6	0.4	97.1	2.9
50	88.0	64.0	88.0	72.7	100.0	22.5	14.1	13.9	0.1	99.1	0.9
160	78.3	73.9	82.6	89.5	100.0	22.5	14.1	14.0	0.1	99.2	0.8
500	87.5	66.7	87.5	76.2	100.0	22.5	13.4	13.0	0.4	97.2	2.8

INDICES:

$$\text{Male Mating Index (\%)} = \frac{\text{Number of males for which mating confirmed}}{\text{Number of males used for mating}} \times 100$$

$$\text{Male Fertility Index (\%)} = \frac{\text{Number of males impregnating females}}{\text{Number of males used for mating}} \times 100$$

$$\text{Female Fertility Index (\%)} = \frac{\text{Number of females for which mating confirmed}}{\text{Number of females paired}} \times 100$$

$$\text{Female Fecundity Index (\%)} = \frac{\text{Number of females pregnant}}{\text{Number of females sperm positive}} \times 100$$

$$\text{Gestational Index (\%)} = \frac{\text{Number of females with live litters}}{\text{Number of females pregnant}} \times 100$$

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TABLE 34 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F1A

		DAY 0	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11
SURVIVORS	0 MG/KG/DAY	312	311	311	311	310	221	221	221	221	221	221	221
	50 MG/KG/DAY	359	355	353	353	352	240	240	240	240	240	240	240
	160 MG/KG/DAY	300	299	298	298	298	209	209	209	209	209	209	209
	500 MG/KG/DAY	267	209	200	196	192	155	153	152	151	151	151	150
GENERAL OBSERVATION													
NO OBSERVABLE ABNORMALITIES													
	0 MG/KG/DAY	303	308	310	309	309	219	219	217	215	218	218	219
	50 MG/KG/DAY	352	354	352	352	351	239	239	239	239	239	239	239
	160 MG/KG/DAY	285	281	289	289	296	208	208	208	207	207	207	207
	500 MG/KG/DAY	261	204	195	187	183	148	145	145	145	145	144	146
FOUND DEAD													
	0 MG/KG/DAY	3	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	6	1	2	0	1	0	0	0	0	0	0	0
	160 MG/KG/DAY	11	1	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	45	19	1	4	0	1	1	1	0	0	1	0
WITHOUT MILK													
	0 MG/KG/DAY	8	0	0	1	1	0	0	0	2	0	0	0
	50 MG/KG/DAY	0	1	4	1	2	0	0	0	0	0	0	0
	160 MG/KG/DAY	2	7	2	7	8	0	3	0	0	0	0	0
	500 MG/KG/DAY	22	3	0	3	4	2	3	1	2	0	0	0
PARTIALLY CANNIBALIZED (INCLUDED IN FOUND DEAD TOTALS)													
	0 MG/KG/DAY	1	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	1	0	0	0	0	0	1	0	0	0	0	0
	500 MG/KG/DAY	2	11	1	0	0	0	0	0	0	0	0	0
MISSING/PRESUMED CANNIBALIZED													
	0 MG/KG/DAY	2	0	0	0	1	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	1	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	1	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	3	25	7	1	3	1	1	0	1	0	0	0
ACTIVITY													
HYPOACTIVE													
	0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	1	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0

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TABLE 34 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F1A (CONT.)

	DAY 0	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11
APPEARANCE												
BLUE DISCOLORATION (LOCALIZED)												
0 MG/KG/DAY	7	2	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	5	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	4	8	3	2	0	0	0	0	0	0	0	0
500 MG/KG/DAY	2	1	2	4	3	3	1	1	0	0	0	0
BLUE DISCOLORATION: ENTIRE BODY												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	1	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
RAISED, SWOLLEN, OR PROTRUDING AREA												
0 MG/KG/DAY	0	0	0	0	0	0	0	2	2	2	2	2
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	1	3	2	1	1	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	1	1	1	2	2	2	2	1
WHITE FOCI/NODULE: UMBILICAL AREA												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	1	1	1
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	1	0	0	0	0	0	0	0	0	0	0
LACERATION												
0 MG/KG/DAY	1	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	1	1	1	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
EMACIATED												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	1	0	0	0	0	0	0	0	0
TAIL: NECROTIC												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	1	1	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	1	1	1	0
TAIL: TRUNCATED												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	1	1	1	1	1	1	1	1	1	1	1	1
160 MG/KG/DAY	0	0	0	0	0	0	0	1	1	1	1	1
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
NO TAIL												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	1	1	1	1	1	1	1	1	1	1	1	1

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TABLE 34 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F1A (CONT.)

		DAY 12	DAY 13	DAY 14	DAY 15	DAY 16	DAY 17	DAY 18	DAY 19	DAY 20	DAY 21
SURVIVORS	0 MG/KG/DAY	221	221	221	221	221	221	221	221	221	221
	50 MG/KG/DAY	240	240	240	240	240	240	240	240	240	240
	160 MG/KG/DAY	209	209	209	209	209	209	209	209	209	199
	500 MG/KG/DAY	149	148	148	148	148	147	146	146	146	146
GENERAL OBSERVATION											
NO OBSERVABLE ABNORMALITIES											
	0 MG/KG/DAY	219	219	218	218	218	219	219	219	219	220
	50 MG/KG/DAY	239	239	239	239	239	239	239	239	239	239
	160 MG/KG/DAY	208	208	208	208	208	208	208	208	208	198
	500 MG/KG/DAY	143	140	132	132	134	138	140	140	138	138
FOUND DEAD											
	0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	1	0	0	0	1	1	0	0	0	0
*WITHOUT MILK											
	0 MG/KG/DAY	0	0	-	-	-	-	-	-	-	-
	50 MG/KG/DAY	0	0	-	-	-	-	-	-	-	-
	160 MG/KG/DAY	0	0	-	-	-	-	-	-	-	-
	500 MG/KG/DAY	0	0	1	1	1	-	-	-	-	-
MISSING/PRESUMED CANNIBALIZED											
	0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	0	1	0	0	0	0	0	0	0	0
ACTIVITY											
HYPOACTIVE											
	0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	0	0	0	1	1	1	0	0	0	0
APPEARANCE											
RAISED OR SWOLLEN AREA											
	0 MG/KG/DAY	2	2	2	2	2	2	2	2	2	1
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	2	6	13	13	7	4	2	2	3	2
WHITE FOCI: UMBILICAL AREA											
	0 MG/KG/DAY	1	1	1	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0

* OBSERVATIONS FOR MILK NORMALLY DISCONTINUED AFTER DAY 13 DUE TO THE PRESENCE OF A HAIR COAT

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TABLE 34 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F1A (CONT.)

	DAY 12	DAY 13	DAY 14	DAY 15	DAY 16	DAY 17	DAY 18	DAY 19	DAY 20	DAY 21
ALOPECIA										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	1	1	3	3	4	4
EMACIATED										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	1	1	0	0	0	0	0
TAIL: NECROTIC										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	1	1	1	0	0	0	0	0
TAIL: TRUNCATED										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	1	1	1	1	1	1	1	1	1	1
160 MG/KG/DAY	1	1	1	1	1	1	1	1	1	1
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
NO TAIL										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	1	1	1	1	1	1	1	1	1	1
OCULAR										
DRY RED OCULAR DISCHARGE										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
DRY TAN MATERIAL AROUND EYES										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	1	1	0	0	0	0
RESPIRATION										
LABORED BREATHING										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	1	0	0	0	0

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TABLE 35 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F1B

		DAY 0	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11
SURVIVORS	0 MG/KG/DAY	202	201	201	201	201	146	146	146	146	146	146	146
	50 MG/KG/DAY	223	220	218	218	218	150	150	150	150	150	150	150
	160 MG/KG/DAY	238	235	234	232	232	163	163	163	163	163	163	163
	500 MG/KG/DAY	208	179	155	149	139	107	106	105	105	105	104	104
GENERAL OBSERVATION													
NO OBSERVABLE ABNORMALITIES													
	0 MG/KG/DAY	202	201	201	201	201	146	146	146	146	146	146	143
	50 MG/KG/DAY	222	220	218	218	217	148	149	149	149	149	149	149
	160 MG/KG/DAY	238	235	234	232	231	162	162	162	162	162	162	162
	500 MG/KG/DAY	208	179	154	147	137	104	101	96	98	97	95	93
WITHOUT MILK													
	0 MG/KG/DAY	8	0	0	0	2	1	0	0	0	0	0	0
	50 MG/KG/DAY	5	1	4	6	2	1	1	0	0	0	0	0
	160 MG/KG/DAY	9	1	6	0	0	3	0	0	0	0	0	0
	500 MG/KG/DAY	33	10	1	2	0	2	2	0	0	0	0	0
FOUND DEAD													
	0 MG/KG/DAY	1	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	3	1	1	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	1	1	1	1	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	17	32	1	6	6	1	0	0	0	0	1	1
PARTIALLY CANNIBALIZED(INCLUDED IN FOUND DEAD TOTALS)													
	0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	1	0	0	1	0	0	0	0	0	0	1	0
MISSING/PRESUMED CANNIBALIZED													
	0 MG/KG/DAY	0	1	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	1	1	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	1	2	0	1	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	0	4	6	1	3	3	1	1	0	0	0	0

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TABLE 35 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F1B (CONT.)

	DAY 0	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11
APPEARANCE												
BLUE DISCOLORATION (LOCALIZED)												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	1	0	0	1	3	3	3	0	0	0
RAISED AREA: DORSAL												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	1	1	1	0	0	0	0	0	0	0
RAISED UMBILICAL AREA												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	1	2	2	3	3	5	5	5
APPARENT UMBILICAL HERNIA												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	1	1	1	2	2
HEAD TILTS												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	1	1	1	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
EMACIATED												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	3	0	0	0	1
TAIL: NECROTIC												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	2	2	2
STOMACH ENGORGED WITH MILK												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	1	0	0	0	0	0	0	0	0

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TABLE 35 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F1B (CONT.)

	DAY 0	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11
APPEARANCE												
ATROPHY: HINDLEGS												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	2	2	2	2
THIN HAIR COAT												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	1
OCULAR												
EYE BULGE NOT EVIDENT												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	1	1	1	1	1	1	1	1
160 MG/KG/DAY	0	0	0	0	1	1	1	1	1	1	1	1
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
RESIRATORY												
IRREGULAR BREATHING												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	1

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TABLE 35 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F1B (CONT.)

		DAY 12	DAY 13	DAY 14	DAY 15	DAY 16	DAY 17	DAY 18	DAY 19	DAY 20	DAY 21
SURVIVORS	0 MG/KG/DAY	146	146	146	146	146	146	146	146	146	146
	50 MG/KG/DAY	150	150	150	150	150	149	149	149	149	149
	160 MG/KG/DAY	163	163	163	162	162	162	162	162	162	162
	500 MG/KG/DAY	102	102	100	100	100	100	100	100	100	100
GENERAL OBSERVATION											
NO OBSERVABLE ABNORMALITIES											
	0 MG/KG/DAY	143	143	143	144	145	145	145	145	145	145
	50 MG/KG/DAY	149	149	149	149	149	148	148	148	148	148
	160 MG/KG/DAY	158	157	153	153	158	160	161	161	161	161
	500 MG/KG/DAY	92	93	93	94	89	88	89	92	92	87
FOUND DEAD											
	0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	0	0	0	0	1	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	1	0	0	0	0	0	0	0	0	0
EUTHANASIA											
	0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	0	[illegible]	1	0	0	0	0	0	0	0
APPEARANCE											
RAISED UMBILICAL AREA											
	0 MG/KG/DAY	0	[illegible]	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	3	2	2	2	1	1	2	2	2	2
APPARENT UMBILICAL HERNIA											
	0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	4	4	1	0	0	0	0	0	0	0
HEAD TILTS											
	0 MG/KG/DAY	1	1	1	1	1	1	1	1	1	1
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
TAIL: NECROTIC											
	0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	2	2	0	0	0	0	0	0	0	0
STOMACH ENGORGED WITH MILK											
	0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	1	1	1	0	0	0	0	0	0	0
	500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0

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TABLE 35 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F1B (CONT.)

	DAY 12	DAY 13	DAY 14	DAY 15	DAY 16	DAY 17	DAY 18	DAY 19	DAY 20	DAY 21
STOMACH DISTENDED										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	1	1	1	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
ATROPHY: HINDLEGS										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	2	2	0	0	0	0	0	0	0	0
THIN HAIR COAT										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	1	1	4	4	4	5	4	1	1	1
ANO-GENITAL STAINING										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	5
RED MATERIAL: ANAL REGION										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	3	4	9	8	3	1	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
OCULAR										
EYE BULGE NOT EVIDENT										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	1	1	0	0	0	0	0	0	0	0
160 MG/KG/DAY	1	1	1	1	1	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
EYE CLOSED										
0 MG/KG/DAY	0	0	0	1	0	0	0	0	0	0
50 MG/KG/DAY	0	0	1	1	1	1	1	1	1	1
160 MG/KG/DAY	0	0	0	0	0	1	1	1	1	1
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
OPACITY: EYE (S)										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	5	5	5	5	5	6

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TABLE 36 - SUMMARY OF OFFSPRING SURVIVAL - F1A

DOSE (MG/KG)	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
0	98.7	99.4	100.0	100.0	100.0	100.0
50	98.9	98.1	100.0	100.0	100.0	100.0
160	96.2	99.3	100.0	100.0	95.2	95.2
500	86.7	71.9	96.8	97.4	98.6	93.0

INDICES:

$$\text{Live Birth Index} = \frac{\text{Number of live pups at birth}}{\text{Number of pups born}} \times 100$$

$$\text{Day 4 survival Index} = \frac{\text{Number of live pups at day 4 (precull)}}{\text{Number of live pups at birth}} \times 100$$

$$\text{Day 7 survival Index} = \frac{\text{Number of live pups at day 7}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

$$\text{Day 14 survival Index} = \frac{\text{Number of live pups at day 14}}{\text{Number of live pups at day 7}} \times 100$$

$$\text{Day 21 survival Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 14}} \times 100$$

$$\text{Lactation Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

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TABLE 37 - SUMMARY OF OFFSPRING SURVIVAL - F1B

DOSE (MG/KG)	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
0	97.1	99.5	100.0	100.0	100.0	100.0
50	99.1	97.8	100.0	100.0	99.3	99.3
160	99.2	97.5	100.0	100.0	99.4	99.4
500	97.2	66.8	94.6	95.2	100.0	90.1

INDICES:

$$\text{Live Birth Index} = \frac{\text{Number of live pups at birth}}{\text{Number of pups born}} \times 100$$

$$\text{Day 4 survival Index} = \frac{\text{Number of live pups at day 4 (precull)}}{\text{Number of live pups at birth}} \times 100$$

$$\text{Day 7 survival Index} = \frac{\text{Number of live pups at day 7}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

$$\text{Day 14 survival Index} = \frac{\text{Number of live pups at day 14}}{\text{Number of live pups at day 7}} \times 100$$

$$\text{Day 21 survival Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 14}} \times 100$$

$$\text{Lactation Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

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TABLE 38 - MEAN OFFSPRING BODY WEIGHTS - F1A
(GRAMS)
DAY 0

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	164	6.84	0.85
50	173	6.49	0.75
160	134	6.55	0.75
500	147	5.44	0.80
FEMALES:			
0	146	6.51	0.89
50	186	6.12	0.73
160	166	6.23	0.71
500	120	5.14	0.78

N = NUMBER OF FETUSES

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TABLE 38 - MEAN OFFSPRING BODY WEIGHTS - F1A CONT.
(GRAMS)
DAY 1

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	164	7.35	0.95
50	172	6.98	0.92
160	134	7.10	0.95
500	112	5.65	1.20
FEMALES:			
0	147	7.01	0.96
50	183	6.67	0.89
160	165	6.82	0.95
500	97	5.40	1.06

N = NUMBER OF FETUSES

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TABLE 38 - MEAN OFFSPRING BODY WEIGHTS - F1A CONT.
(GRAMS)
DAY 4

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	160	10.56	1.56
50	169	10.10	1.53
160	133	10.20	1.46
500	102	7.70	2.35
FEMALES:			
0	146	10.18	1.64
50	182	9.80	1.49
160	165	9.69	1.50
500	90	7.52	2.03

N = NUMBER OF FETUSES

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TABLE 38 - MEAN OFFSPRING BODY WEIGHTS - F1A CONT.
(GRAMS)
DAY 7

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	108	16.55	2.43
50	115	16.03	2.53
160	102	15.63	2.10
500	78	11.32	3.85
FEMALES:			
0	105	16.00	2.69
50	125	15.63	2.25
160	107	15.06	2.20
500	74	11.44	3.52

N = NUMBER OF FETUSES

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TABLE 38 - MEAN OFFSPRING BODY WEIGHTS - F1A CONT.
(GRAMS)
DAY 14

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	113	33.18	3.67
50	115	32.51	3.64
160	102	31.88	3.74
500	75	23.56	6.52
FEMALES:			
0	108	32.11	3.74
50	125	31.51	3.57
160	107	30.89	3.83
500	73	23.82	5.78

N = NUMBER OF FETUSES

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TABLE 38 - MEAN OFFSPRING BODY WEIGHTS - F1A CONT.
(GRAMS)
DAY 21

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	113	53.52	6.93
50	115	52.23	6.43
160	97	51.37	6.56
500	73	35.28	8.89
FEMALES:			
0	108	51.34	6.88
50	125	50.08	5.79
160	102	49.51	6.50
500	73	35.16	8.40

N = NUMBER OF FETUSES

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TABLE 39 - MEAN OFFSPRING BODY WEIGHTS - F1B
(GRAMS)
DAY 0

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	100	6.97	0.64
50	113	6.70	0.78
160	124	6.51	0.84
500	100	5.67	0.78
FEMALES:			
0	102	6.55	0.79
50	110	6.17	0.72
160	114	6.23	0.71
500	108	5.24	0.69

N = NUMBER OF FETUSES

TABLE 39 - MEAN OFFSPRING BODY WEIGHTS - F1B CONT.
(GRAMS)
DAY 1

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	101	7.46	0.76
50	112	7.31	0.89
160	122	7.04	0.81
500	88	5.82	1.12
FEMALES:			
0	100	7.16	1.00
50	108	6.74	0.85
160	112	6.69	0.80
500	91	5.31	0.94

N = NUMBER OF FETUSES

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TABLE 39 - MEAN OFFSPRING BODY WEIGHTS - F1B CONT.
(GRAMS)
DAY 4

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	102	10.83	1.62
50	109	10.54	1.41
160	121	10.18	1.24
500	66	8.07	2.21
FEMALES:			
0	99	10.27	1.73
50	108	9.69	1.39
160	111	9.73	1.08
500	67	7.26	1.77

N = NUMBER OF FETUSES

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TABLE 39 - MEAN OFFSPRING BODY WEIGHTS - F1B CONT.
(GRAMS)
DAY 7

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	75	17.75	2.55
50	78	16.78	2.39
160	80	16.31	1.82
500	55	11.48	3.90
FEMALES:			
0	71	16.85	2.88
50	72	15.76	2.17
160	83	15.10	1.71
500	50	10.94	2.99

N = NUMBER OF FETUSES

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TABLE 39 - MEAN OFFSPRING BODY WEIGHTS - F1B CONT.
(GRAMS)
DAY 14

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	75	34.63	3.86
50	78	33.28	3.83
160	80	31.80	4.00
500	51	24.92	7.40
FEMALES:			
0	71	33.00	4.39
50	72	32.34	3.24
160	80	30.06	3.51
500	49	24.52	5.27

N = NUMBER OF FETUSES

TABLE 39 - MEAN OFFSPRING BODY WEIGHTS - F1B CONT.
(GRAMS)
DAY 21

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	75	56.59	6.61
50	77	54.01	6.44
160	79	51.02	6.10
500	51	40.07	10.21
FEMALES:			
0	71	53.59	7.97
50	72	52.26	5.28
160	82	47.53	6.04
500	49	39.82	7.47

N = NUMBER OF FETUSES

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TABLE 40 - OFFSPRING NECROPSY OBSERVATIONS - F1A

UNSCHEDULED DEATHS

0 MG/KG

DAM'S P.I.N.: HCG274

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex not confirmed due to autolysis; Extreme postmortem changes, tissues too autolyzed to be examined; Milk present.
TERMINAL BODY WEIGHT: 4.97 grams.

DAM'S P.I.N.: HCG256

PUP A - Male: Spontaneous death on Day 22G

EXTERNAL: (Cervical region): Slight edema; (Tongue): Protruding.
INTERNAL: Ductus arteriosus patent; (LUNGS): Not inflated; No milk present.
TERMINAL BODY WEIGHT: 7.54 grams.

DAM'S P.I.N.: HCG247

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Viscera): No observable abnormalities; No milk in stomach.
TERMINAL BODY WEIGHT: 3.66 grams.

50 MG/KG

DAM'S P.I.N.: HCG334

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.
TERMINAL BODY WEIGHT: 4.19 grams.

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PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 4.69 grams.

PUP C - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 4.40 grams.

PUP D - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 5.91 grams.

PUP E - Male: Spontaneous death on postnatal Day 2

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to examine, unable to confirm internal sex.
TERMINAL BODY WEIGHT: 5.57 grams.

PUP F - Male: Spontaneous death on postnatal Day 4

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to examine, unable to confirm internal sex.
TERMINAL BODY WEIGHT: 9.28 grams.

DAM'S P.I.N.: HCG282

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 5.66 grams.

DAM'S P.I.N.: HCG231

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.
TERMINAL BODY WEIGHT: 6.28 grams.

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DAM'S P.I.N.: HCG244

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex verified, remaining tissues too autolyzed to examine; Extreme postmortem changes.
TERMINAL BODY WEIGHT: 4.03 grams.

DAM'S P.I.N.: HCG269

PUP A - Female: Spontaneous death on postnatal Day 2

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 6.27 grams.

160 MG/KG

DAM'S P.I.N.: HCG215 (Non-confirmed date of mating)

PUP A - Female: Spontaneous death on day of Delivery in Progress

EXTERNAL: No observable abnormalities.
INTERNAL: (Viscera and heart): Too autolyzed to examine; (Other organs): No observable abnormalities.
TERMINAL BODY WEIGHT: 5.80 grams.

PUP B - Male: Spontaneous death on day of Delivery in Progress

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 4.84 grams.

PUP C - Male: Spontaneous death on day of Delivery in Progress

EXTERNAL: No observable abnormalities.
INTERNAL: (Lungs): Not inflated; ductus arteriosus dilated; (Other organs): No observable abnormalities; No milk in stomach
TERMINAL BODY WEIGHT: 7.11 grams.

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DAM'S P.I.N.: HCG220

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: (Ano-genital area): Dark blue discoloration.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 5.59 grams.

DAM'S P.I.N.: HCG329

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Milk present.
TERMINAL BODY WEIGHT: 6.38 grams.

DAM'S P.I.N.: HCG295

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex verified, all other tissues
too autolyzed to examine.
TERMINAL BODY WEIGHT: 3.66 grams.

DAM'S P.I.N.: HCG335

PUP A - Male: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
Slight postmortem changes; No milk present.
TERMINAL BODY WEIGHT: 6.43 grams.

PUP B - Female: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
Slight postmortem changes; No milk present.
TERMINAL BODY WEIGHT: 5.93 grams.

DAM'S P.I.N.: HCG277

PUP A - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: (All organs): Too autolyzed to examine,
unable to confirm sex; Milk present.
TERMINAL BODY WEIGHT: 5.26 grams.

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DAM'S P.I.N.: HCG302

PUP A - Female: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 5.88 grams.

PUP B - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 5.55 grams.

PUP C - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 5.61 grams.

500 MG/KG

DAM'S P.I.N.: HCG309

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex verified, all other tissues
too autolyzed to examine.
TERMINAL BODY WEIGHT: 4.46 grams.

PUP B - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex verified, all other tissues
too autolyzed to examine.
TERMINAL BODY WEIGHT: 4.06 grams.

PUP C - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex verified, all other tissues
too autolyzed to examine.
TERMINAL BODY WEIGHT: 4.65 grams.

PUP D - Male: Partially cannibalized on postnatal Day 1

Too autolyzed to examine.
TERMINAL BODY WEIGHT: 3.89 grams.

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PUP E - Partially cannibalized on postnatal Day 1

Sex and body weight undetermined.

PUP F - Partially cannibalized on postnatal Day 1

Sex and body weight undetermined.

PUP G - Female: Spontaneous death on postnatal Day 1

EXTERNAL: Too autolyzed to examine.
INTERNAL: Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 3.78 grams.

PUP H - Partially cannibalized on postnatal Day 1

Sex and body weight undetermined.

PUP I - Male: Spontaneous death on postnatal Day 2

EXTERNAL: Pale in color.
INTERNAL: No observable abnormalities;
Moderate postmortem changes; No milk present.
TERMINAL BODY WEIGHT: 3.20 grams.

DAM'S P.I.N.: HCG252

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex verified, all other tissues
too autolyzed to examine.
TERMINAL BODY WEIGHT: 5.21 grams.

PUP B - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.
TERMINAL BODY WEIGHT: 4.51 grams.

DAM'S P.I.N.: HCG255

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 3.87 grams.

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PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
No milk in stomach.
TERMINAL BODY WEIGHT: 4.20 grams.

PUP C - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
Moderate postmortem changes; No milk in stomach.
TERMINAL BODY WEIGHT: 4.09 grams.

PUP D - Male: Spontaneous death on postnatal Day 5L

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 4.78 grams.

DAM'S P.I.N.: HCG288

PUP A - Male: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
Slight postmortem changes; No milk present.
TERMINAL BODY WEIGHT: 5.56 grams.

PUP B - Female: Spontaneous death on postnatal Day 0

INTERNAL: Too autolyzed to examine.
TERMINAL BODY WEIGHT: 5.55 grams.

PUP C - Female: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: Sex verified, other tissues
too autolyzed to examine.
TERMINAL BODY WEIGHT: 5.27 grams.

PUP D - Female: Partially cannibalized postnatal Day 0

INTERNAL: Partially cannibalized.
TERMINAL BODY WEIGHT: 5.35 grams.

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PUP E - Male: Partially cannibalized postnatal Day 0

INTERNAL: Partially cannibalized.
TERMINAL BODY WEIGHT: 5.64 grams.

PUP F - Male: Partially cannibalized postnatal Day 0

INTERNAL: Partially cannibalized.
TERMINAL BODY WEIGHT: 4.65 grams.

PUP G - Partially cannibalized postnatal Day 0

Sex and body weight undetermined.

DAM'S P.I.N.: HCG270

PUP A - Male: Spontaneous death on postnatal Day 12

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 7.26 grams.

PUP B - Male: Spontaneous death on postnatal Day 17

EXTERNAL: (Left lateral dorsal posterior): Scab.
INTERNAL: (Entire intestinal tract and stomach): Moderately distended with gas; (Lungs): Inflated; ductus arteriosus patent; (Thoracic cavity): No observable abnormalities; Extreme postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 9.85 grams.

DAM'S P.I.N.: HCG300

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 5.80 grams.

PUP B - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.77 grams.

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PUP C - Male: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: (Both kidneys): Pale - postmortem change; No observable abnormalities; No milk in stomach.
TERMINAL BODY WEIGHT: 3.91 grams.

DAM'S P.I.N.: HCG266

PUP A - Male: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: (Lungs): Not inflated; ductus arteriosus dilated; (Heart): Too autolyzed to examine; (Other organs): No observable abnormalities; Moderate autolysis; No milk in stomach.
TERMINAL BODY WEIGHT: 5.36 grams.

PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Kidneys, ureters, diaphragm, heart with veins and arteries): No observable abnormalities; (Other organs): Too autolyzed to examine; Moderate postmortem changes; No milk in stomach.
TERMINAL BODY WEIGHT: 4.85 grams.

PUP C - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.
TERMINAL BODY WEIGHT: 4.19 grams.

PUP D - Female: Spontaneous death on postnatal Day 0

EXTERNAL: (Head and cervical region): Moderate edema.
INTERNAL: Sex verified, other tissues and organs too autolyzed to examine; Extreme postmortem changes.
TERMINAL BODY WEIGHT: 4.13 grams.

PUP E - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex verified, other tissues and organs too autolyzed to examine.
TERMINAL BODY WEIGHT: 4.31 grams.

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PUP F - Female: Spontaneous death on postnatal Day 0

EXTERNAL: Pale in color.
INTERNAL: No observable abnormalities;
Slight postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 4.40 grams.

PUP G - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Cardiac ventricles): Slightly small;
(Other organs): No observable abnormalities;
Extreme postmortem changes; No milk present.
TERMINAL BODY WEIGHT: 4.00 grams.

PUP H - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities;
Autolysis too severe to examine skull shape.
INTERNAL: Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 4.78 grams.

PUP I - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
Slight postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 4.47 grams.

PUP J - Male: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
No milk present.
TERMINAL BODY WEIGHT: 4.15 grams.

PUP K - Female: Spontaneous death on postnatal Day 6

EXTERNAL: (Tail): 50% necrotic.
INTERNAL: Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 3.17 grams.

DAM'S P.I.N.: HCG306

PUP A - Male: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: (Diaphragm): No observable abnormalities;
Sex verified; (Other organs): Too autolyzed to examinc.
TERMINAL BODY WEIGHT: 4.65 grams.

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PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: Pale in color.
INTERNAL: No observable abnormalities;
No milk present.
TERMINAL BODY WEIGHT: 4.76 grams.

PUP C - Male: Spontaneous death on postnatal Day 0

EXTERNAL: Male; No observable abnormalities.
INTERNAL: Too autolyzed to examine; Extreme postmortem changes,
unable to confirm sex.
TERMINAL BODY WEIGHT: 4.23 grams.

PUP D - Male: Spontaneous death on postnatal Day 10L

EXTERNAL: (Hindlegs): Abnormal flexure;
(Tail): 50% truncated.
INTERNAL: (Stomach): Filled with yellow viscous material; (Other tissues and organs):
No observable abnormalities; No milk present.
TERMINAL BODY WEIGHT: 5.26 grams.

DAM'S P.I.N.: HCG299

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Parathyroids): Slightly larger than normal;
No milk present.
TERMINAL BODY WEIGHT: 4.09 grams.

PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: Male; No observable abnormalities.
INTERNAL: No observable abnormalities; No milk in stomach.
TERMINAL BODY WEIGHT: 4.45 grams.

PUP C - Male: Spontaneous death on postnatal Day 0

EXTERNAL: (Cervical/dorsal): Edema.
INTERNAL: No observable abnormalities;
No milk in stomach.
TERMINAL BODY WEIGHT: 4.57 grams.

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PUP D - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 4.75 grams.

DAM'S P.I.N.: HCG312

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 5.55 grams.

PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Moderate postmortem changes;
No milk present.
TERMINAL BODY WEIGHT: 4.89 grams.

PUP C - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex verified, remaining tissues
and organs too autolyzed to examine.
TERMINAL BODY WEIGHT: 4.69 grams.

PUP D - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex verified, remaining tissues
and organs too autolyzed to examine.
TERMINAL BODY WEIGHT: 5.44 grams.

PUP E - Female: Spontaneous death on postnatal Day 1

Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 5.21 grams.

PUP F - Male: Spontaneous death on postnatal Day 1

Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 5.28 grams.

PUP G - Male: Spontaneous death on postnatal Day 1

Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 5.09 grams.

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PUP H - Male: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: Umbilical artery present and blood filled; Moderate postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 3.37 grams.

PUP I - Male: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: Umbilical artery present and blood filled; Moderate postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 3.58 grams.

DAM'S P.I.N.: HCG253

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.
TERMINAL BODY WEIGHT: 4.99 grams.

PUP B - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No milk present.
TERMINAL BODY WEIGHT: 4.76 grams.

PUP C - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex verified, too autolyzed to examine.
TERMINAL BODY WEIGHT: 4.86 grams.

PUP D - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex verified, too autolyzed to examine.
TERMINAL BODY WEIGHT: 4.75 grams.

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DAM'S P.I.N.: HCG227

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
ductus arteriosus patent; Slight postmortem changes;
Milk present.
TERMINAL BODY WEIGHT: 4.77 grams.

PUP B - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: (Stomach): Moderately distended
with gas; ductus arteriosus patent; (Thoracic cavity):
No observable abnormalities.
TERMINAL BODY WEIGHT: 4.19 grams.

DAM'S P.I.N.: HCG293

PUP A - Male: Spontaneous death on postnatal Day 16

EXTERNAL: Moderately emaciated.
INTERNAL: (Bladder): Filled with brownish/red liquid
with black granular material;
(Lower gastro-intestinal tract): Moderately
distended with gas; (Other tissues and organs):
No observable abnormalities; No milk present.
TERMINAL BODY WEIGHT: 6.66 grams.

DAM'S P.I.N.: HCG259

PUP A - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex verified, all other tissues
too autolyzed to examine.
TERMINAL BODY WEIGHT: 5.02 grams.

DAM'S P.I.N.: HCG230

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
Moderate postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 3.98 grams.

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PUP B - Female: Spontaneous death on postnatal Day 0

EXTERNAL: (Cervical region): Slight edema.
INTERNAL: (Lungs): Not inflated; ductus arteriosus patent; Slight postmortem changes; No milk.
TERMINAL BODY WEIGHT: 4.69 grams.

PUP C - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Ductus arteriosus moderately dilated; (Other organs): No observable abnormalities; Moderate postmortem changes; No milk present.
TERMINAL BODY WEIGHT: 4.33 grams.

PUP D - Male: Spontaneous death on postnatal Day 0

Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 4.04 grams.

PUP E - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Lungs): Not inflated; ductus arteriosus patent; Extreme postmortem changes; No milk present.
TERMINAL BODY WEIGHT: 4.91 grams.

PUP F - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Ductus arteriosus partially patent; Slight postmortem changes; No milk present.
TERMINAL BODY WEIGHT: 4.88 grams.

PUP G - Male: Spontaneous death on postnatal Day 0

EXTERNAL: (Cervical and thoracic region): Slight edema.
INTERNAL: Sex verified, other tissues and organs too autolyzed to examine.
TERMINAL BODY WEIGHT: 4.84 grams.

PUP H - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.
TERMINAL BODY WEIGHT: 4.38 grams.

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PUP I - Female: Partially cannibalized postnatal Day 0

Internal sex not confirmed and body weight not measured due to partial cannibalization.

PUP J - Partially cannibalized postnatal Day 0

Sex and body weight undetermined due to partial cannibalization.

PUP K - Partially cannibalized postnatal Day 1

Sex and body weight undetermined due to partial cannibalization.

DAM'S P.I.N.: HCG315

PUP A - Male: Spontaneous death on postnatal Day 0

Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 5.32 grams.

DAM'S P.I.N.: HCG273

PUP A - Male: Spontaneous death on postnatal Day 7

EXTERNAL: No observable abnormalities.
INTERNAL: (Stomach and intestinal tract): Moderately distended with gas; ductus arteriosus patent; Heart tissue too autolyzed to examine; Extreme postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 5.57 grams.

DAM'S P.I.N.: HCG292

PUP A - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 4.68 grams.

PUP B - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to examine, unable to confirm sex.
TERMINAL BODY WEIGHT: 4.31 grams.

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TERMINAL EUTHANASIA (MALES)

0 MG/KG

DAM'S P.I.N.: HCG222

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 47.5 grams.

DAM'S P.I.N.: HCG224

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 51.3 grams.

DAM'S P.I.N.: HCG251

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 44.5 grams.

DAM'S P.I.N.: HCG274

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 60.5 grams.

DAM'S P.I.N.: HCG272

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 44.2 grams.

DAM'S P.I.N.: HCG313

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 59.7 grams.

DAM'S P.I.N.: HCG261

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 55.7 grams.

DAM'S P.I.N.: HCG218

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 46.1 grams.

DAM'S P.I.N.: HCG247

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 51.7 grams.

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DAM'S P.I.N.: HCG297

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 38.6 grams.

50 MG/KG

DAM'S P.I.N.: HCG311

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 57.8 grams.

DAM'S P.I.N.: HCG282

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 49.8 grams.

DAM'S P.I.N.: HCG212

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 54.6 grams.

DAM'S P.I.N.: HCG245

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 55.6 grams.

DAM'S P.I.N.: HCG241

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 52.7 grams.

DAM'S P.I.N.: HCG231

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 40.3 grams.

DAM'S P.I.N.: HCG214

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 52.9 grams.

DAM'S P.I.N.: HCG232

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 45.5 grams.

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DAM'S P.I.N.: HCG234

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 53.8 grams.

DAM'S P.I.N.: HCG298

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 46.0 grams.

160 MG/KG

DAM'S P.I.N.: HCG220

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 49.1 grams.

DAM'S P.I.N.: HCG316

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 54.1 grams.

DAM'S P.I.N.: HCG296

CECUM: Moderately distended with gas.
TERMINAL BODY WEIGHT: 47.4 grams.

DAM'S P.I.N.: HCG295

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 50.2 grams.

DAM'S P.I.N.: HCG291

COLON: Slight distended with gas.
TERMINAL BODY WEIGHT: 41.9 grams.

DAM'S P.I.N.: HCG221

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 43.3 grams.

DAM'S P.I.N.: HCG331

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 58.8 grams.

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DAM'S P.I.N.: HCG339

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 44.9 grams.

DAM'S P.I.N.: HCG254

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 47.9 grams.

DAM'S P.I.N.: HCG302

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 64.4 grams.

500 MG/KG

DAM'S P.I.N.: HCG248

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 49.3 grams.

DAM'S P.I.N.: HCG255

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 30.9 grams.

DAM'S P.I.N.: HCG211

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 39.5 grams.

DAM'S P.I.N.: HCG320

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 42.6 grams.

DAM'S P.I.N.: HCG210

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 44.4 grams.

DAM'S P.I.N.: HCG312

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 24.6 grams.

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DAM'S P.I.N.: HCG293

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 35.4 grams.

DAM'S P.I.N.: HCG315

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 37.4 grams.

DAM'S P.I.N.: HCG273

SEMINAL VESICLES: Extremely smaller than normal.
TESTES (Both): In abdominal cavity.
TERMINAL BODY WEIGHT: 32.3 grams.

DAM'S P.I.N.: HCG292

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 30.3 grams.

TERMINAL EUTHANASIA (FEMALES)

0 MG/KG

DAM'S P.I.N.: HCG224

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 58.5 grams.

DAM'S P.I.N.: HCG251

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 43.3 grams.

DAM'S P.I.N.: HCG274

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 52.5 grams.

DAM'S P.I.N.: HCG336

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 45.0 grams.

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DAM'S P.I.N.: HCG280

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 57.1 grams.

DAM'S P.I.N.: HCG250

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: Not recorded due to technician oversight.

DAM'S P.I.N.: HCG338

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 59.6 grams.

DAM'S P.I.N.: HCG207

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 58.2 grams.

DAM'S P.I.N.: HCG261

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 54.9 grams.

DAM'S P.I.N.: HCG247

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 53.7 grams.

50 MG/KG

DAM'S P.I.N.: HCG311

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 52.7 grams.

DAM'S P.I.N.: HCG333

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 43.1 grams.

DAM'S P.I.N.: HCG278

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 53.7 grams.

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DAM'S P.I.N.: HCG332

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 51.4 grams.

DAM'S P.I.N.: HCG327

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 40.7 grams.

DAM'S P.I.N.: HCG241

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 54.6 grams.

DAM'S P.I.N.: HCG244

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 50.6 grams.

DAM'S P.I.N.: HCG290

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 58.6 grams.

DAM'S P.I.N.: HCG232

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 46.3 grams.

DAM'S P.I.N.: HCG298

KIDNEY (Right): Moderately dilated renal pelvis.
TERMINAL BODY WEIGHT: 40.6 grams.

160 MG/KG

DAM'S P.I.N.: HCG220

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 43.2 grams.

DAM'S P.I.N.: HCG316

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 49.2 grams.

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DAM'S P.I.N.: HCG296

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 43.0 grams.

DAM'S P.I.N.: HCG295

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 45.6 grams.

DAM'S P.I.N.: HCG277

KIDNEY (Right): Moderately dilated renal pelvis.
URETER (Right): Slightly convoluted.
TERMINAL BODY WEIGHT: 52.8 grams.

DAM'S P.I.N.: HCG317

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 49.2 grams.

DAM'S P.I.N.: HCG339

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 45.8 grams.

DAM'S P.I.N.: HCG225

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 48.4 grams.

DAM'S P.I.N.: HCG263

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 54.6 grams.

DAM'S P.I.N.: HCG254

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 51.0 grams.

500 MG/KG

DAM'S P.I.N.: HCG294

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 23.5 grams.

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DAM'S P.I.N.: HCG252

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 52.2 grams.

DAM'S P.I.N.: HCG255

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 24.5 grams.

DAM'S P.I.N.: HCG270

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 22.1 grams.

DAM'S P.I.N.: HCG320

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 45.9 grams.

DAM'S P.I.N.: HCG306

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 23.6 grams.

DAM'S P.I.N.: HCG276

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 42.5 grams.

DAM'S P.I.N.: HCG293

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 32.9

DAM'S P.I.N.: HCG315

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 37.6 grams.

DAM'S P.I.N.: HCG292

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 29.1 grams.

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TABLE 41 - OFFSPRING NECROPSY OBSERVATIONS - F1B

UNSCHEDULED DEATHS

0 MG/KG

DAM'S P.I.N.: HCG251

PUP A - Female: Spontaneous death on postnatal Day 0

INTERNAL: (Both kidneys): Slightly dilated renal pelvis.
TERMINAL BODY WEIGHT: 5.51 grams.

DAM'S P.I.N.: HCG237 (Non-confirmed date of mating)

PUP A - Male: Spontaneous death on day of Delivery in Progress

INTERNAL: (Both kidneys): Slightly dilated renal pelvis.
TERMINAL BODY WEIGHT: 6.60 grams.

PUP B - Female: Spontaneous death on day of Delivery in Progress

No observable abnormalities.
TERMINAL BODY WEIGHT: 5.95 grams.

DAM'S P.I.N.: HCG247

PUP A - Female: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.
TERMINAL BODY WEIGHT: 5.93 grams.

PUP B - Male: Spontaneous death on Day 22G

EXTERNAL: (Head): Slightly elongated.
INTERNAL: Lungs not inflated - apparent stillborn; No milk present.
TERMINAL BODY WEIGHT: 6.50 grams.

PUP C - Female: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.
TERMINAL BODY WEIGHT: 6.08 grams.

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50 MG/KG

DAM'S P.I.N.: HCG264

PUP A - Male: Spontaneous death on postnatal Day 0

No observable abnormalities.
TERMINAL BODY WEIGHT: 5.89 grams.

PUP B - Male: Spontaneous death on postnatal Day 17

EXTERNAL: No observable abnormalities.
INTERNAL: (Left kidney): Moderately dilated renal pelvis, slight amount of flocculent material present; (Left ureter, proximal to kidney): Slight amount of flocculent material present; (Left ureter, distal end): Appears blocked by a slight amount of white material; (Right kidney): Moderately enlarged, extremely dilated renal pelvis, extreme amount of flocculent material present, and extremely thin cortex; (Right ureter, proximal to kidney): Slightly distended, filled with slight amount of flocculent material.
TERMINAL BODY WEIGHT: 22.51 grams.

DAM'S P.I.N.: HCG278

PUP A - Female: Spontaneous death on postnatal Day 1

EXTERNAL: (Dorsal snout): Moderate hematoma.
INTERNAL: Moderate visceral autolysis; No milk in stomach.
TERMINAL BODY WEIGHT: 3.27 grams.

DAM'S P.I.N.: HCG269

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 5.35 grams.

DAM'S P.I.N.: HCG290

PUP A - Male: Spontaneous death on postnatal Day 2

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.
TERMINAL BODY WEIGHT: 7.15 grams.

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DAM'S P.I.N.: HCG234

PUP A - Female: Spontaneous death on pos

EXTERNAL: No observable abnormalities.
INTERNAL: (Both kidneys): Slightly dila (Both ureters): Slightly convoluted; Lur apparent stillborn; ductus arteriosus not present.
TERMINAL BODY WEIGHT: 6.31 grams.

160 MG/KG

DAM'S P.I.N.: HCG329

PUP A - Female: Spontaneous death on pos

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; M
TERMINAL BODY WEIGHT: 6.15 grams.

DAM'S P.I.N.: HCG260

PUP A - Female: Spontaneous death on post

GENERAL CONDITION: Slight amount of red from mouth.
NOTE: All tissues and organs slight postr
TERMINAL BODY WEIGHT: 79.4 grams.

DAM'S P.I.N.: HCG295

PUP A - Male: Spontaneous death on postna

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight amount of milk present.
TERMINAL BODY WEIGHT: 3.96 grams.

PUP B - Female: Spontaneous death on post

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined; Extreme post mortem changes.
TERMINAL BODY WEIGHT: 3.39 grams.

PUP C - Female: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined; Extreme postmortem changes, sex could not be confirmed.
TERMINAL BODY WEIGHT: 7.09 grams.

DAM'S P.I.N.: HCG253

PUP A - Male: Euthanasia on postnatal Day 14

EXTERNAL: (Stomach): Extremely distended and appears to be engorged with milk.
INTERNAL: (Stomach): Engorged with a solid, firm mass of white material; Pyloric sphincter patent; (Intestinal tract): Slight amount of gas throughout.
TERMINAL BODY WEIGHT: 14.49 grams.

500 MG/KG

DAM'S P.I.N.: HCG252

PUP A - Female: Spontaneous death on postnatal Day 4

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 5.04 grams.

PUP B - Female: Spontaneous death on postnatal Day 12

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 14.06 grams.

PUP C - Male: Euthanasia on postnatal Day 13

EXTERNAL: (Tail): Necrotic; (Both hindlegs): Apparent atrophy.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 8.81 grams.

PUP D - Male: Euthanasia on postnatal Day 13

EXTERNAL: (Tail): Necrotic; (Both hindlegs): Apparent atrophy; (Right hindleg): Poor flexure.
INTERNAL: Male; No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 11.80 grams.

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PUP E - Male: Spontaneous death on postnatal Day 24

No observable abnormalities; Moderate postmortem changes.
TERMINAL BODY WEIGHT: 16.53 grams.

PUP F - Male: Spontaneous death on postnatal Day 32

CECUM: Larger than normal; (Distal portion):
Red/blue discoloration.
SKIN/FUR (Ano-genital area): Moderate staining.
NOTE: All tissues and organs slight postmortem changes.
TERMINAL BODY WEIGHT: 42.6 grams.

DAM'S P.I.N.: HCG255

PUP A - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.23 grams.

PUP B - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: (Liver, left side of median lobe): 25% smaller than normal; Milk present.
TERMINAL BODY WEIGHT: 4.86 grams.

PUP C - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.66 grams.

PUP D - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
ductus arteriosus patent; Milk present.
TERMINAL BODY WEIGHT: 4.39 grams.

PUP E - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 5.03 grams.

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PUP F - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
Milk present.
TERMINAL BODY WEIGHT: 5.20 grams.

PUP G - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: (Liver, left side of median lobe): 50% smaller than normal; Milk present.
TERMINAL BODY WEIGHT: 4.41 grams.

PUP H - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
Milk present.
TERMINAL BODY WEIGHT: 4.48 grams.

PUP I - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
Milk present.
TERMINAL BODY WEIGHT: 4.34 grams.

PUP J - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
No milk present.
TERMINAL BODY WEIGHT: 4.44 grams.

PUP K - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.66 grams.

PUP L - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.68 grams.

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PUP M - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.26 grams.

PUP N - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 5.00 grams.

PUP O - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
No milk present.
TERMINAL BODY WEIGHT: 4.82 grams.

DAM'S P.I.N.: HCG288

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
Milk present.
TERMINAL BODY WEIGHT: 4.77 grams.

PUP B - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.65 grams.

PUP C - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.60 grams.

PUP D - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 5.09 grams.

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PUP E - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.46 grams.

PUP F - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.75 grams.

PUP G - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.44 grams.

PUP H - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.73 grams.

PUP I - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No innominate artery present, right carotid and right subclavian arteries arise from aortic arch; Milk present.
TERMINAL BODY WEIGHT: 4.78 grams.

DAM'S P.I.N.: HCG270

PUP A - Female: Spontaneous death on postnatal Day 4

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
Slight postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 6.28 grams.

PUP B - Male: Spontaneous death on postnatal Day 23

Tissues too autolyzed to be examined;
Extreme postmortem changes.
TERMINAL BODY WEIGHT: 16.62 grams.

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DAM'S P.I.N.: HCG211

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
Slight postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 5.50 grams.

DAM'S P.I.N.: HCG210

PUP A - Female: Spontaneous death on postnatal Day 3

EXTERNAL: (Right lateral cervical): Laceration.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 6.56 grams.

PUP B - Male: Spontaneous death on postnatal Day 4

EXTERNAL: No observable abnormalities.
INTERNAL: (Stomach): Extremely distended
and engorged with milk; Moderate postmortem changes.
TERMINAL BODY WEIGHT: 10.71 grams.

DAM'S P.I.N.: HCG299

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.71 grams.

PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities;
No milk present.
TERMINAL BODY WEIGHT: 3.06 grams.

PUP C - Male: Spontaneous death on postnatal Day 0

EXTERNAL: Lower jaw partially cannibalized.
INTERNAL: No observable abnormalities;
No milk present.
TERMINAL BODY WEIGHT: 4.73 grams.

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PUP D - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: (Liver, left side of median lobe):
50% smaller than normal; Milk present.
TERMINAL BODY WEIGHT: 4.77 grams.

PUP E - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: (Liver, left side of median lobe):
50% smaller than normal; Milk present.
TERMINAL BODY WEIGHT: 3.96 grams.

PUP F - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: (Liver, left side of median lobe):
25% smaller than normal; Milk present.
TERMINAL BODY WEIGHT: 4.02 grams.

PUP G - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: (Liver, left side of median lobe):
25% smaller than normal; Milk present.
TERMINAL BODY WEIGHT: 3.90 grams.

PUP H - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.18 grams.

PUP I - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.03 grams.

PUP J - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.09 grams.

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PUP K - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.08 grams.

PUP L - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: (Liver, left side of median lobe):
50% smaller than normal; Milk present.
TERMINAL BODY WEIGHT: 4.36 grams.

PUP M - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 3.95 grams.

DAM'S P.I.N.: HCG227

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.19 grams.

PUP B - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.06 grams.

PUP C - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.28 grams.

PUP D - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.
TERMINAL BODY WEIGHT: 4.66 grams.

PUP E - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No
milk present.
TERMINAL BODY WEIGHT: 4.46 grams.

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PUP F - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.22 grams.

PUP G - Female: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.50 grams.

PUP H - Male: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.71 grams.

PUP I - Female: Spontaneous death on postnatal Day 4

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined, sex could not be confirmed.
TERMINAL BODY WEIGHT: 4.75 grams.

PUP J - Female: Spontaneous death on postnatal Day 4

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 3.94 grams.

PUP K - Male: Spontaneous death on postnatal Day 4

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.
TERMINAL BODY WEIGHT: 2.93 grams.

PUP L - Female: Spontaneous death on postnatal Day 5

EXTERNAL: No observable abnormalities
INTERNAL: Too autolyzed to be examined
TERMINAL BODY WEIGHT: 3.69 grams.

PUP M - Male: Spontaneous death on postnatal Day 11

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; Milk present.
TERMINAL BODY WEIGHT: 7.32 grams.

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PUP N - Male: Spontaneous death on postnatal Day 25

EXTERNAL: (Ano-genital area): Extreme yellow staining.
NOTE: All tissues and organs moderate postmortem changes.
TERMINAL BODY WEIGHT: 19.7 grams.

DAM'S P.I.N.: HCG293

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 4.12 grams.

PUP B - Male: Spontaneous death on postnatal Day 1

Too autolyzed to be examined.
TERMINAL BODY WEIGHT: 4.22 grams.

PUP C - Male: Spontaneous death on postnatal Day 1

Too autolyzed to be examined.
TERMINAL BODY WEIGHT: 4.03 grams.

PUP D - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities.
TERMINAL BODY WEIGHT: 3.79 grams.

PUP E - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities.
TERMINAL BODY WEIGHT: 3.82 grams.

PUP F - Male: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 3.79 grams.

PUP G - Male: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 3.57 grams.

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PUP H - Female: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.
TERMINAL BODY WEIGHT: 3.97 grams.

DAM'S P.I.N.: HCG315

PUP A - Female: Spontaneous death on postnatal Day 2

INTERNAL: Too autolyzed to be examined, unable to confirm sex.
TERMINAL BODY WEIGHT: 3.79 grams.

PUP B - Female: Spontaneous death on postnatal Day 24

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities.
NOTE: All tissues and organs slight postmortem changes.
TERMINAL BODY WEIGHT: 23.42 grams.

TERMINAL EUTHANASIA (MALES)

0 MG/KG

DAM'S P.I.N.: HCG222

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 134 grams.

DAM'S P.I.N.: HCG321

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 131 grams.

DAM'S P.I.N.: HCG274

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 171 grams.

DAM'S P.I.N.: HCG256

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 137 grams.

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QUALITY

DAM'S P.I.N.: HCG322

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 85 grams.

DAM'S P.I.N.: HCG219

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 162 grams.

DAM'S P.I.N.: HCG338

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 137 grams.

DAM'S P.I.N.: HCG271

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 132 grams.

DAM'S P.I.N.: HCG218

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 158 grams.

DAM'S P.I.N.: HCG247

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 147 grams.

50 MG/KG

DAM'S P.I.N.: HCG334

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 141 grams.

DAM'S P.I.N.: HCG311

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 148 grams.

DAM'S P.I.N.: HCG212

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 132 grams.

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DAM'S P.I.N.: HCG245

KIDNEY (Left): Moderately dilated renal pelvis.
TERMINAL BODY WEIGHT: 135 grams.

DAM'S P.I.N.: HCG264

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 151 grams.

DAM'S P.I.N.: HCG33?

ALL TISSUES AND OR..NS: No observable abnormalities.
TERMINAL BODY WEIGHT: 150 grams.

DAM'S P.I.N.: HCG214

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 157 grams.

DAM'S P.I.N.: HCG290

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 138 grams.

DAM'S P.I.N.: HCG325

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 147 grams.

DAM'S P.I.N.: HCG234

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 132 grams.

160 MG/KG

DAM'S P.I.N.: HCG220

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 143 grams.

DAM'S P.I.N.: HCG316

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 165 grams.

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QA AUDIT

DAM'S P.I.N.: HCG296

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 136 grams.

DAM'S P.I.N.: HCG295

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 67 grams.

DAM'S P.I.N.: HCG291

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 125 grams.

DAM'S P.I.N.: HCG221

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 117 grams.

DAM'S P.I.N.: HCG331

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 145 grams.

DAM'S P.I.N.: HCG339

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 137 grams.

DAM'S P.I.N.: HCG254

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 137 grams.

DAM'S P.I.N.: HCG302

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 146 grams.

DAM'S P.I.N.: HCG248

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 86 grams.

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500 MG/KG

DAM'S P.I.N.: HCG270

KIDNEY (Right): Slight number of brown foci.
TERMINAL BODY WEIGHT: 90 grams.

DAM'S P.I.N.: HCG211

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 121 grams.

DAM'S P.I.N.: HCG300

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 93 grams.

DAM'S P.I.N.: HCG320

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 165 grams.

DAM'S P.I.N.: HCG210

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 127 grams.

DAM'S P.I.N.: HCG226

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 112 grams.

DAM'S P.I.N.: HCG293

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 78 grams.

DAM'S P.I.N.: HCG315

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 111 grams.

DAM'S P.I.N.: HCG273

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 26 grams.

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TERMINAL EUTHANASIA (FEMALES)

0 MG/KG

DAM'S P.I.N.: HCG222

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 130 grams.

DAM'S P.I.N.: HCG274

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 135 grams.

DAM'S P.I.N.: HCG256

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 120 grams.

DAM'S P.I.N.: HCG237

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 131 grams.

DAM'S P.I.N.: HCG322

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 71 grams.

DAM'S P.I.N.: HCG219

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 137 grams.

DAM'S P.I.N.: HCG286

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 108 grams.

DAM'S P.I.N.: HCG271

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 132 grams.

DAM'S P.I.N.: HCG218

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 146 grams.

DAM'S P.I.N.: HCG247

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 157 grams.

50 MG/KG

DAM'S P.I.N.: HCG340

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 113 grams.

DAM'S P.I.N.: HCG334

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 136 grams.

DAM'S P.I.N.: HCG311

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 130 grams.

DAM'S P.I.N.: HCG212

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 119 grams.

DAM'S P.I.N.: HCG245

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 113 grams.

DAM'S P.I.N.: HCG264

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 129 grams.

DAM'S P.I.N.: HCG278

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 93 grams.

DAM'S P.I.N.: HCG244

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 137 grams.

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DAM'S P.I.N.: HCG290

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 114 grams.

DAM'S P.I.N.: HCG325

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 128 grams.

160 MG/KG

DAM'S P.I.N.: HCG215

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 127 grams.

DAM'S P.I.N.: HCG316

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 121 grams.

DAM'S P.I.N.: HCG296

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 111 grams.

DAM'S P.I.N.: HCG329

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 120 grams.

DAM'S P.I.N.: HCG260

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 111 grams.

DAM'S P.I.N.: HCG295

CERVICAL LYMPH NODES: Moderately enlarged.
TERMINAL BODY WEIGHT: 61 grams.

DAM'S P.I.N.: HCG258

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 124 grams.

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DAM'S P.I.N.: HCG221

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 117 grams.

DAM'S P.I.N.: HCG331

EYES (Both): Apparent anophthalmia
TERMINAL BODY WEIGHT: 94 grams.

DAM'S P.I.N.: HCG339

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 118 grams.

500 MG/KG

DAM'S P.I.N.: HCG248

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 82 grams.

DAM'S P.I.N.: HCG252

KIDNEYS (Both): Slight amount of clear foci on outer cortex.
TERMINAL BODY WEIGHT: 104 grams.

DAM'S P.I.N.: HCG270

KIDNEY (Left): Slight number of brown foci.
TERMINAL BODY WEIGHT: 93 grams.

DAM'S P.I.N.: HCG211

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 110 grams.

DAM'S P.I.N.: HCG300

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 93 grams.

DAM'S P.I.N.: HCG320

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 144 grams.

DAM'S P.I.N.: HCG266

SKIN/FUR (Ano-genital area): Slight yellow staining.
TERMINAL BODY WEIGHT: 87 grams.

DAM'S P.I.N.: HCG210

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 112 grams.

DAM'S P.I.N.: HCG315

KIDNEY (Right): Tan embedded area on entire outer cortex; (Left): Clear foci on outer cortex.
TERMINAL BODY WEIGHT: 80 grams.

DAM'S P.I.N.: HCG273

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 38 grams.

TABLE 42 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P2 MALES
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

		DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
SURVIVORS	0 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	50 MG/KG	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29	29
	160 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	500 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29	29
GENERAL OBSERVATION WITHIN NORMAL LIMITS																		
	0 MG/KG	30	30	29	29	29	27	28	27	25	24	24	26	26	25	25	25	24
	50 MG/KG	30	30	30	30	30	30	29	29	28	26	25	25	25	25	25	25	25
	160 MG/KG	30	30	30	30	30	28	28	28	28	27	26	26	26	24	22	23	22
	500 MG/KG	30	30	29	29	29	29	29	28	25	23	22	22	21	20	19	19	21
RESPIRATION RED NASAL DISCHARGE																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
APPEARANCE APPARENT UMBILICAL HERNIA																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANOGENITAL STAINING																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALOPECIA																		
	0 MG/KG	0	0	0	0	0	1	0	1	2	2	2	1	1	1	1	1	1
	50 MG/KG	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2
	160 MG/KG	0	0	0	0	0	2	2	2	1	2	3	3	3	4	4	4	4
	500 MG/KG	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0

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TABLE 42 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
SWOLLEN AREA(S)																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSING UPPER INCISOR(S)																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMACIATED																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MASS LEFT CHEEK																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORES																	
0 MG/KG	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
BROKEN UPPER INCISOR(S)																	
0 MG/KG	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TABLE 42 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
MISSING DIGITS LEFT FOREPAW																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUDED INCISORS																	
0 MG/KG	0	0	1	1	1	2	2	2	3	3	3	3	3	4	4	4	4
50 MG/KG	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
160 MG/KG	0	0	0	0	0	0	0	0	0	1	1	1	1	2	3	3	4
500 MG/KG	0	0	0	0	0	0	0	1	4	6	6	6	7	8	8	8	7
OCULAR																	
DRIED RED OCULAR DISCHARGE																	
0 MG/KG	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1
50 MG/KG	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
160 MG/KG	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
500 MG/KG	0	0	0	0	0	0	0	1	3	2	2	2	1	1	1	2	3

TABLE 42 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

		DAY 1 12	DAY 1 19	DAY 2 6	DAY 3 3	DAY 4 0	DAY 4 7	DAY 5 4	DAY 6 1	DAY 6 8	DAY 7 5	DAY 8 2	DAY 8 9	DAY 9 6	DAY 0 3	DAY 0 9	DAY 1 0	DAY 1 1
SURVIVORS	0 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	20	10
	50 MG/KG	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	19	9
	160 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	20	10
	500 MG/KG	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	19	9
GENERAL OBSERVATION																		
WITHIN NORMAL LIMITS																		
	0 MG/KG	24	25	26	26	25	26	26	25	24	24	24	24	25	25	8	17	9
	50 MG/KG	25	24	24	24	24	24	25	25	24	24	23	24	25	23	7	17	7
	160 MG/KG	21	21	22	22	23	23	23	24	24	24	24	24	24	24	7	16	9
	500 MG/KG	20	20	17	17	18	19	19	19	18	18	18	18	19	19	8	10	4
RESPIRATION																		
WET RALES																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRY RALES																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRIED RED NASAL DISCHARGE																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	[illegible]/KG	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	[illegible]/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APPEARANCE																		
APPARENT UMBILICAL HERNIA																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1

[illegible]
[illegible] SUBJECT
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TABLE 42 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210	DAY 211
ANOGENITAL STAINING																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALOPECIA																	
0 MG/KG	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	2	2	2	2	2	2	1	1	1	1	2	1	1	1	0	1	1
160 MG/KG	4	4	4	4	3	3	3	2	2	2	2	2	2	2	0	2	0
500 MG/KG	0	0	3	3	1	1	1	1	1	1	1	1	1	1	0	2	0
SCABS																	
0 MG/KG	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWOLLEN AREA(S)																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
160 MG/KG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSING UPPER INCISOR(S)																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
500 MG/KG	0	0	0	0	0	0	0	0	1	2	1	2	2	2	1	0	1
MASS LEFT CHEEK																	
0 MG/KG	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MASS ANTERIOR TO PENIS																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TABLE 42 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
MALES

	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210	DAY 211
SORES																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
160 MG/KG	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAD LEANS RIGHT																	
0 MG/KG	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BROKEN UPPER INCISOR(S)																	
0 MG/KG	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
160 MG/KG	0	0	0	0	0	0	0	1	0	0	1	1	2	2	1	0	0
500 MG/KG	0	1	2	2	2	1	2	2	3	3	4	4	4	4	1	3	2
MISSING DIGITS LEFT FOREPAW																	
[illegible] MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[illegible]0 MG/KG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5[illegible]0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUDED INCISORS																	
0 MG/KG	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	3	1
50 MG/KG	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	0	0
160 MG/KG	4	4	3	3	3	3	3	3	3	3	4	4	3	4	3	2	1
500 MG/KG	8	8	8	8	8	8	7	8	8	8	8	8	7	6	2	6	3
MISSING UPPER INCISOR(S)																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCULAR																	
DRIED RED OCULAR DISCHARGE																	
0 MG/KG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0
50 MG/KG	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
500 MG/KG	2	4	2	3	3	3	2	2	3	3	2	3	3	3	1	4	2

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TABLE 43 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A)
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
FEMALES

		DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
SURVIVORS	0 MG/KG	30	30	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29
	50 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	160 MG/KG	30	30	30	29	29	29	29	29	29	29	29	29	29	29	29	29	29
	500 MG/KG	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
GENERAL OBSERVATION WITHIN NORMAL LIMITS																		
	0 MG/KG	30	30	30	30	29	28	27	25	27	26	24	23	14	2	1	0	0
	50 MG/KG	30	30	30	30	30	30	29	28	28	27	27	28	15	5	3	2	1
	160 MG/KG	30	30	30	29	29	27	27	25	25	25	25	25	15	4	1	1	1
	500 MG/KG	30	30	30	28	28	29	28	27	28	28	27	26	16	8	8	7	6
APPEARANCE URINE STAINING																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
ANOGENITAL STAINING																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
UNTHRIFTY COAT																		
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
ALOPECIA																		
	0 MG/KG	0	0	0	0	1	1	1	5	2	3	5	6	4	2	1	1	0
	50 MG/KG	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0
	160 MG/KG	0	0	0	0	0	1	1	4	4	4	4	3	3	0	0	0	0
	500 MG/KG	0	0	0	2	2	1	1	2	2	1	2	2	3	1	0	0	1
SCABS																		
	0 MG/KG	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
	160 MG/KG	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0
	500 MG/KG	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

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TABLE 43 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
FEMALES

	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
SWOLLEN EAR(S)																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMACIATED																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
SORES																	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
500 MG/KG	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
BROKEN UPPER INCISOR(S)																	
0 MG/KG	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
MALOCCLUDED INCISORS																	
0 MG/KG	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0
160 MG/KG	0	0	0	0	0	1	1	1	1	1	1	2	2	0	0	0	0
500 MG/KG	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
OCULAR																	
LACRIMATION RIGHT EYE																	
0 MG/KG	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRIED RED OCULAR DISCHARGE																	
0 MG/KG	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

NOT SUBMITTED
ON TIME

TABLE 43 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
FEMALES

		DAY 1 1 2	DAY 1 1 9	DAY 1 1 6	DAY 1 1 3
SURVIVORS	0 MG/KG	29	29	29	29
	50 MG/KG	30	30	30	30
	160 MG/KG	29	29	29	29
	500 MG/KG	30	30	30	30
GENERAL OBSERVATION					
WITHIN NORMAL LIMITS					
	0 MG/KG	1	2	19	16
	50 MG/KG	7	7	22	22
	160 MG/KG	5	7	20	20
	500 MG/KG	17	19	22	22
APPEARANCE					
ALOPECIA					
	0 MG/KG	1	1	7	10
	50 MG/KG	0	1	5	5
	160 MG/KG	2	1	5	6
	500 MG/KG	4	4	6	7
SCABS					
	0 MG/KG	1	1	2	1
	50 MG/KG	0	0	0	0
	160 MG/KG	0	0	0	0
	500 MG/KG	0	0	0	0
SWOLLEN EAR(S)					
	0 MG/KG	1	1	0	1
	50 MG/KG	0	0	0	1
	160 MG/KG	0	0	1	1
	500 MG/KG	1	1	1	2
BROKEN UPPER INCISOR(S)					
	0 MG/KG	0	0	1	2
	50 MG/KG	0	0	0	0
	160 MG/KG	0	0	1	1
	500 MG/KG	0	0	2	0

TABLE 43 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
FEMALES

	DAY 1 1 2	DAY 1 1 9	DAY 1 2 6	DAY 1 1 3
MALOCCLUDED INCISORS				
0 MG/KG	0	0	0	0
50 MG/KG	0	1	2	2
160 MG/KG	0	0	2	3
500 MG/KG	0	0	0	0
OCULAR				
DRIED RED OCULAR DISCHARGE				
0 MG/KG	0	0	1	1
50 MG/KG	0	0	1	1
160 MG/KG	0	0	1	1
500 MG/KG	0	0	0	0

TABLE 44 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P2/F2A

DOSE: 0 MG/KG

TIME=	D A Y 0	D A Y 6	D A Y 9	D A Y 1 2	D A Y 1 6	D A Y 2 0
SEX=	F	F	F	F	F	F
N=	28	28	28	28	28	28
NO OBSERVABLE ABNORMALITIES	24	23	22	22	21	18
EAR(S): SWOLLEN	1	1	1	1	1	1
EAR(S): RED	1	1	1	1	1	1
DRY RED OCULAR DISCHARGE: RIGHT	1	1	1	1	2	2
MALOCCLUDED INCISORS	1	1	1	1	1	2
BROKEN: UPPER INCISOR(S)	1	1	1	1	1	2
ALOPECIA: RIGHT UPPER FORELEG	-	-	-	-	1	1
ALOPECIA: LEFT FOREPAW	1	1	-	1	1	2
ALOPECIA: BOTH FOREPAWS	1	1	1	1	2	2
ALOPECIA: RIGHT FORELEG	1	-	-	-	-	-
ALOPECIA: LEFT FORELEG	-	-	-	-	1	1
ALOPECIA: BOTH FORELEGS	-	1	2	2	2	2
ALOPECIA: BOTH HINDLEGS	-	-	-	-	1	1
ALOPECIA: VENTRAL CERVICAL	-	-	1	1	1	1
ALOPECIA: VENTRAL SURFACE	-	-	-	1	1	1
SCAB(S): LEFT FOREPAW	-	-	1	-	-	-
SCAB(S): RIGHT UPPER FORELEG	-	-	-	-	1	-
MASS: RIGHT LATERAL ABDOMEN	-	-	-	-	-	1

TABLE 44 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P2/F2A CON'T

DOSE: 50 MG/KG

TIME=	D A Y 0	D A Y 6	D A Y 9	D A Y 1 2	D A Y 1 6	D A Y 2 0
SEX=	F	F	F	F	F	F
N=	28	28	28	28	28	28
NO OBSERVABLE ABNORMALITIES	26	24	23	24	24	22
DRY RED OCULAR DISCHARGE	-	1	-	-	-	2
MALOCCLUDED INCISORS	-	1	1	1	1	2
BROKEN: LEFT UPPER INCISOR	-	1	1	-	-	-
ALOPECIA: RIGHT FOREPAW	-	-	1	-	-	1
ALOPECIA: BOTH FOREPAWS	2	2	1	1	2	1
ALOPECIA: RIGHT FORELEG	-	-	-	1	1	1
ALOPECIA: VENTRAL CERVICAL	-	-	1	1	1	1
ALOPECIA: RIGHT LATERAL POSTERIOR	-	1	1	1	1	1
SCABS: RIGHT LATERAL POSTERIOR	-	-	-	-	1	1

TABLE 44 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P2/F2A CON'T

DOSE: 160 MG/KG

TIME=	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20
SEX=	F	F	F	F	F	F
N=	28	28	28	27	28	28
NO OBSERVABLE ABNORMALITIES	22	22	22	15	15	16
EAR(S): SWOLLEN	-	-	-	1	1	1
EAR(S): RED	-	-	-	1	1	1
DRY RED OCULAR DISCHARGE	1	-	1	1	-	1
MALOCCLUDED INCISORS	2	2	2	2	2	2
BROKEN: LEFT UPPER INCISOR	-	1	1	1	1	1
ALOPECIA: BOTH FOREPAWS	1	1	3	4	4	5
ALOPECIA: RIGHT FORELEG	-	-	-	-	-	1
ALOPECIA: LEFT FORELEG	-	-	1	1	1	1
ALOPECIA: BOTH FORELEGS	2	2	2	2	2	2
ALOPECIA: LEFT HINDLEG	-	-	-	-	1	1
ALOPECIA: BOTH HINDLEGS	-	-	1	1	1	1
ALOPECIA: VENTRAL CERVICAL	-	-	-	-	1	1
ALOPECIA: VENTRAL ABDOMEN	2	2	2	2	2	2
ALOPECIA: RIGHT POSTERIOR	-	-	-	1	-	-
ALOPECIA: RIGHT UPPER HINDLEG	1	1	1	2	2	1
ALOPECIA: LEFT UPPER HINDLEG	-	-	1	2	2	1
ALOPECIA: BASE OF TAIL	-	-	-	1	1	1
OPEN LACERATIONS: BASE OF TAIL	-	-	-	1	-	-
SCAB(S): RIGHT UPPER HINDLEG	1	1	1	-	-	-
SCAB(S): RIGHT LATERAL POSTERIOR DORSAL	-	-	-	1	1	1
SCAB(S): LEFT LATERAL POSTERIOR DORSAL	-	-	-	1	1	1
ANO-GENITAL STAINING	-	-	-	-	1	-

TABLE 44 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P2/F2A CON'T

DOSE: 160 MG/KG CON'T

TIME=	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20
SEX=	F	F	F	F	F	F
N=	28	28	28	27	28	28
SCABS: BASE OF TAIL	-	-	-	-	1	1
ALOPECIA: POS[illegible]	-	-	-	-	1	1
ALOPECIA: [illegible] HINDLEGS	-	-	-	-	-	2

TABLE 44 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P2/F2A CON'T

DOSE: 500 MG/KG

TIME=	D A Y 0	D A Y 6	D A Y 9	D A Y 1 2	D A Y 1 6	D A Y 2 0
SEX=	F	F	F	F	F	F
N=	23	23	23	23	23	23
NO OBSERVABLE ABNORMALITIES	18	18	18	18	17	15
EAR(S): SWOLLEN	-	-	-	1	2	1
EAR(S): RED	-	-	-	1	2	1
DRY RED OCULAR DISCHARGE: RIGHT	-	1	1	1	1	-
ALOPECIA: RIGHT FOREPAW	1	1	1	-	1	2
ALOPECIA: BOTH FOREPAWS	2	2	2	3	3	3
ALOPECIA: BOTH FORELEGS	3	3	3	3	3	4
ALOPECIA: VENTRAL SURFACE	-	-	1	1	1	1
ALOPECIA: VENTRAL CERVICAL	-	1	1	1	1	1
ALOPECIA: VENTRAL ABDOMEN	-	-	-	-	-	1
ALOPECIA: ABDOMEN	-	-	-	1	1	1
URINE STAINING	1	1	1	1	1	1

TADLE 45 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P2/F2A

DOSE: 0 MG/KG

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
N=	27	27	26	26	26	26
NO OBSERVABLE ABNORMALITIES	20	20	20	18	17	17
DRY RED OCULAR DISCHARGE: RIGHT	2	1	1	1	1	1
MALOCCLUDED INCISORS	1	1	1	1	1	1
BROKEN: UPPER INCISOR(S)	2	2	2	1	1	1
ALOPECIA: RIGHT UPPER FORELEG	1	-	-	-	-	-
ALOPECIA: RIGHT FOREPAW	1	2	1	-	1	1
ALOPECIA: LEFT FOREPAW	1	1	-	-	-	-
ALOPECIA: BOTH FOREPAWS	3	3	4	6	6	6
ALOPECIA: RIGHT FORELEG	-	-	-	1	-	-
ALOPECIA: LEFT FORELEG	1	1	1	-	-	-
ALOPECIA: BOTH FORELEGS	2	3	2	3	4	4
ALOPECIA: RIGHT HINDLEG	-	1	1	1	1	1
ALOPECIA: BOTH HINDLEGS	1	1	1	1	1	1
ALOPECIA: VENTRAL CERVICAL	1	1	1	1	1	1
ALOPECIA: VENTRAL ABDOMEN	-	-	-	-	1	1
ALOPECIA: VENTRAL SURFACE	1	1	1	1	1	1
SCAB(S): RIGHT UPPER FORELEG	1	-	-	-	-	-
SCAB(S): VENTRAL SURFACE	-	-	-	-	1	1

TABLE 45 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P2/F2A CON'T

DOSE: 50 MG/KG

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 1	DAY 2
					4	1
N=	21	22	22	22	22	22
NO OBSERVABLE ABNORMALITIES	14	15	15	15	16	16
DRY RED OCULAR DISCHARGE	2	1	1	1	1	1
MISSING: RIGHT UPPER INCISOR	-	-	1	-	-	-
MALOCCLUDED INCISORS	2	2	1	1	1	1
BROKEN: RIGHT UPPER INCISOR	1	1	1	1	-	-
ALOPECIA: RIGHT FOREPAW	1	1	1	-	-	-
ALOPECIA: LEFT FOREPAW	-	-	1	-	-	-
ALOPECIA: BOTH FOREPAWS	1	1	1	2	2	2
ALOPECIA: RIGHT FORELEG	1	1	1	1	1	1
ALOPECIA: LEFT FORELEG	-	1	-	-	-	-
ALOPECIA: VENTRAL CERVICAL	1	1	2	2	2	2
ALOPECIA: LEFT UPPER HINDLEG	1	1	1	1	-	-
ALOPECIA: BOTH UPPER HINDLEGS	-	-	-	-	1	1
ALOPECIA: RIGHT LATERAL POSTERIOR	1	1	1	1	1	1
SCAB(S): RIGHT LATERAL POSTERIOR	1	1	1	1	1	1

TABLE 45 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P2/F2A CON'T

DOSE: 160 MG/KG

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
N=	21	21	21	21	21	21
NO OBSERVABLE ABNORMALITIES	11	11	11	11	13	13
EAR(S): SWOLLEN	1	1	1	1	1	1
EAR(S): RED	1	1	-	-	-	-
DRY RED OCULAR DISCHARGE: LEFT	-	-	1	1	1	1
MALOCCLUDED INCISORS	2	2	2	2	2	1
BROKEN: LEFT UPPER INCISOR	1	1	1	1	1	1
ALOPECIA: RIGHT FOREPAW	-	-	-	-	-	1
ALOPECIA: BOTH FOREPAWS	3	4	4	4	3	3
ALOPECIA: RIGHT FORELEG	1	1	-	-	-	-
ALOPECIA: LEFT FORELEG	1	1	-	-	-	-
ALOPECIA: BOTH FORELEGS	1	1	3	3	4	4
ALOPECIA: LEFT HINDLEG	1	1	1	1	1	1
ALOPECIA: BOTH HINDLEGS	1	1	1	1	1	1
ALOPECIA: VENTRAL CERVICAL	-	-	-	-	-	1
ALOPECIA: VENTRAL ABDOMEN	1	1	-	-	-	-
ALOPECIA: VENTRAL SURFACE	1	1	1	1	1	1
ALOPECIA: RIGHT LATERAL POSTERIOR DORSAL	-	-	-	1	1	1
ALOPECIA: THORACIC	-	-	1	1	1	-
ALOPECIA: LEFT LATERAL POSTERIOR DORSAL	-	-	-	1	1	1
ALOPECIA: BASE OF TAIL	1	1	2	1	1	1
ALOPECIA: POSTERIOR	1	1	1	-	-	-

TABLE 45 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P2/F2A CON'T

DOSE: 160 MG/KG CON'T

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
N=	21	21	21	21	21	21
ALOPECIA: BOTH UPPER HINDLEGS	2	2	2	2	-	-
ALOPECIA: ABDOMEN	1	1	2	2	2	2
ALOPECIA: RIGHT LATERAL POSTERIOR	-	-	1	-	-	-
ALOPECIA LEFT LATERAL POSTERIOR	-	-	1	-	-	-
ALOPECIA: VENTRAL THORACIC	-	-	-	-	-	1
SCAB(S): RIGHT LATERAL POSTERIOR DORSAL	1	1	-	1	1	1
SCAB(S): LEFT LATERAL POSTERIOR DORSAL	1	1	-	1	1	1
SCABS: BASE OF TAIL	1	1	-	-	-	-
SCAB(S): RIGHT LATERAL POSTERIOR	-	-	1	-	-	-
SCAB(S): INGUINAL AREA	1	1	-	-	-	-
SCAB(S): LEFT LATERAL POSTERIOR	-	-	1	-	-	-

TABLE 45 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P2/F2A CON'T

DOSE: 500 MG/KG

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
N=	13	14	7	6	6	6
NO OBSERVABLE ABNORMALITIES	7	8	4	3	3	3
EAR(S): SWOLLEN	-	1	-	-	-	-
10% OPACITY: BOTH EYES	1	1	1	-	-	-
ALOPECIA: BOTH FOREPAWS	5	5	2	2	2	2
ALOPECIA: RIGHT FORELEG	1	-	-	1	-	-
ALOPECIA: BOTH FORELEGS	3	4	1	1	2	2
ALOPECIA: VENTRAL CERVICAL	1	1	-	-	-	-
ALOPECIA: VENTRAL ABDOMEN	1	1	-	-	-	-
ALOPECIA: VENTRAL SURFACE	1	1	1	1	1	1
ALOPECIA: ABDOMEN	1	1	-	-	-	-

TABLE 46 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B)
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
FEMALES

		DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210	DAY 216	DAY 217
SURVIVORS	0 MG/KG	29	29	29	29	29	29	29	29	29	29	29	27	20
	50 MG/KG	30	30	30	30	30	30	30	30	30	30	30	26	18
	160 MG/KG	29	29	29	29	29	29	29	29	29	29	29	27	17
	500 MG/KG	30	30	30	30	30	30	30	30	30	30	30	28	18
GENERAL OBSERVATION WITHIN NORMAL LIMITS														
	0 MG/KG	18	18	21	16	4	1	1	0	2	2	16	3	13
	50 MG/KG	22	24	23	18	6	5	4	1	8	7	19	6	12
	160 MG/KG	19	21	20	15	1	1	1	1	8	8	18	6	11
	500 MG/KG	22	22	22	15	9	10	7	12	19	15	15	5	10
APPEARANCE URINE STAINING														
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	2	0	0	0	0	0	0	0	0	0
	160 MG/KG	0	0	0	1	0	0	0	0	0	1	1	0	0
	500 MG/KG	0	0	0	2	2	1	1	0	0	2	2	1	0
ANOGENITAL STAINING														
	0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	0	0	0	0	0	0	0	0	0	0	1	1	0
ALOPECIA														
	0 MG/KG	10	9	6	3	1	0	0	0	0	0	6	2	5
	50 MG/KG	6	5	6	2	1	1	0	0	0	0	4	1	3
	160 MG/KG	7	5	5	5	1	0	0	0	0	0	6	1	5
	500 MG/KG	7	7	7	5	2	2	0	3	3	4	7	2	5
SCABS														
	0 MG/KG	1	1	1	1	0	0	0	0	0	0	1	0	1
	50 MG/KG	0	1	1	1	0	0	0	0	0	0	0	0	0
	160 MG/KG	1	1	1	0	0	0	0	0	0	0	0	0	0
	500 MG/KG	0	0	0	0	0	0	0	0	0	0	1	0	0

TABLE 46 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
FEMALES

	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210	DAY 216	DAY 217
SWOLLEN EAR(S)													
0 MG/KG	0	1	1	1	1	2	1	2	2	2	3	3	0
50 MG/KG	1	0	0	0	0	0	0	0	0	1	1	1	0
160 MG/KG	1	1	1	0	0	0	0	0	0	0	1	0	1
500 MG/KG	2	2	2	1	0	0	0	0	0	0	0	0	0
SWOLLEN SNOUT													
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	1	1	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSING UPPER INCISOR(S)													
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	1	0	1
500 MG/KG	0	0	0	0	1	0	0	0	0	0	0	0	0
EMACIATED													
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	1	1	1	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
MASS LEFT LATERAL THORACIC													
0 MG/KG	0	0	0	0	0	0	0	0	0	0	1	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
SORES													
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	1	1	1	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
BROKEN UPPER INCISOR(S)													
0 MG/KG	1	1	1	1	0	0	0	0	0	0	1	0	1
50 MG/KG	0	0	0	0	0	0	0	0	0	0	1	0	1
160 MG/KG	2	1	1	1	0	0	0	0	0	0	1	0	1
500 MG/KG	0	0	0	2	2	1	2	1	0	0	0	0	0

TABLE 46 - INCIDENCE OF SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
FEMALES

	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210	DAY 216	DAY 217
MALOCCLUDED INCISORS													
0 MG/KG	1	1	1	0	0	0	0	0	0	0	2	0	2
50 MG/KG	1	1	1	1	0	0	0	0	0	0	2	0	2
160 MG/KG	2	2	2	3	0	0	0	0	2	2	4	2	2
500 MG/KG	0	0	0	0	0	1	1	1	1	2	3	1	3
OCULAR OPACITY													
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG	0	0	0	0	0	0	0	0	0	0	1	1	0
DRIED RED OCULAR DISCHARGE													
0 MG/KG	1	1	1	1	0	0	0	0	0	0	1	0	1
50 MG/KG	1	1	1	1	0	0	0	0	0	0	2	0	2
160 MG/KG	1	1	2	3	1	1	0	0	2	1	3	2	1
500 MG/KG	1	1	1	1	0	0	0	0	0	1	1	1	0

TABLE 47 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P2/F2B

DOSE: 0 MG/KG

TIME=	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20
N=	27	27	27	27	26	26
NO OBSERVABLE ABNORMALITIES	19	19	19	18	17	18
EAR(S): SWOLLEN	1	1	1	1	1	1
EAR(S): RED	1	1	1	1	1	1
DRY RED OCULAR DISCHARGE: RIGHT	1	-	-	1	1	1
RED OCULAR DISCHARGE: RIGHT	-	1	-	-	-	-
WET OCULAR DISCHARGE	-	-	1	-	-	-
MALOCCLUDED INCISORS	1	1	2	2	2	2
BROKEN: UPPER INCISOR(S)	1	1	1	1	2	2
ALOPECIA: RIGHT FOREPAW	1	-	-	1	-	-
ALOPECIA: LEFT FOREPAW	1	2	2	2	2	2
ALOPECIA: BOTH FOREPAWS	3	2	2	2	3	2
ALOPECIA: RIGHT FORELEG	-	-	-	1	1	-
ALOPECIA: BOTH FORELEGS	-	-	1	1	2	2
ALOPECIA: LEFT HINDLEG	-	1	1	1	1	1
ALOPECIA: VENTRAL CERVICAL	1	1	1	1	1	1
ALOPECIA: VENTRAL SURFACE	1	1	1	1	1	1
SCAB(S): LEFT HINDLEG	1	1	1	1	-	-

TABLE 47 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P2/F2B CON'T

DOSE: 50 MG/KG

TIME=	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20
N=	27	27	27	27	27	27
NO OBSERVABLE ABNORMALITIES	21	21	20	20	20	20
DRY RED OCULAR DISCHARGE: LEFT	1	1	1	1	1	1
MALOCCLUDED INCISORS	1	1	1	1	1	1
ALOPECIA: RIGHT FOREPAW	-	-	-	-	1	1
ALOPECIA: LEFT FOREPAW	-	-	-	-	1	1
ALOPECIA: BOTH FOREPAWS	3	3	3	3	2	2
ALOPECIA: RIGHT FORELEG	-	-	1	1	-	1
ALOPECIA: BOTH FORELEGS	-	-	-	-	1	1
ALOPECIA: VENTRAL CERVICAL	1	1	1	1	1	1
ALOPECIA: RIGHT POSTERIOR	1	-	-	-	-	-
ALOPECIA: RIGHT LATERAL POSTERIOR DORSAL	-	1	1	1	1	1

TABLE 47 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P2/F2B CON'T

DOSE: 160 MG/KG

TIME=	DAY 0	DAY 6	DAY 9	DAY 1 / 2	DAY 1 / 5	DAY 2 / 0
N=	28	28	28	28	28	28
NO OBSERVABLE ABNORMALITIES	19	19	19	19	18	18
EAR(S): SWOLLEN	1	1	1	1	1	1
EAR(S): RED	1	1	1	1	1	1
DRY RED OCULAR DISCHARGE	3	3	2	2	3	3
MALOCCLUDED INCISORS	2	3	2	2	4	3
BROKEN: UPPER INCISOR(S)	3	2	2	2	1	-
ALOPECIA: BOTH FOREPAWS	4	3	3	3	1	2
ALOPECIA: LEFT FORELEG	-	-	-	-	1	1
ALOPECIA: BOTH FORELEGS	1	4	4	4	3	3
ALOPECIA: RIGHT HINDLEG	-	-	-	-	1	-
ALOPECIA: LEFT HINDLEG	1	1	1	1	1	1
ALOPECIA: BOTH HINDLEGS	1	1	1	1	1	1
ALOPECIA: BOTH HINDLEGS	-	-	-	-	1	-
ALOPECIA: VENTRAL CERVICAL	1	-	1	1	2	2
ALOPECIA: VENTRAL SURFACE	1	2	2	2	2	3

TABLE 47 - INCIDENCE OF SCHEDULED GESTATION OBSERVATIONS - P2/F2B CON'T

DOSE: 500 MG/KG

TIME=	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20
N=	20	20	20	20	20	20
NO OBSERVABLE ABNORMALITIES	13	11	10	11	10	9
EMACIATED	-	1	-	-	-	1
DRY RED OCULAR DISCHARGE: RIGHT	-	-	1	-	-	-
MALOCCLUDED INCISORS	-	2	3	2	2	3
ALOPECIA: LEFT FOREPAW	1	1	1	1	1	1
ALOPECIA: BOTH FOREPAWS	4	4	4	4	4	4
ALOPECIA: BOTH FORELEGS	4	5	5	5	5	5
ALOPECIA: BOTH HINDLEGS	-	-	-	-	1	1
ALOPECIA: VENTRAL ABDOMEN	1	1	1	1	1	1
ALOPECIA: VENTRAL SURFACE	1	2	2	2	2	2
URINE STAINING	1	1	1	1	1	2
ANO-GENITAL STAINING	-	-	-	-	1	-
KINK IN TAIL	-	-	-	-	-	1

TABLE 48 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P2/F2B

DOSE: 0 MG/KG

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
N=	24	25	24	24	24	24
NO OBSERVABLE ABNORMALITIES	14	15	14	15	16	16
EAR(S): SWOLLEN	1	1	-	-	-	-
DRY RED OCULAR DISCHARGE: RIGHT	1	1	1	-	1	-
WET OCULAR DISCHARGE: RIGHT	-	-	-	1	-	-
MALOCCLUDED INCISORS	2	2	2	2	2	2
BROKEN: UPPER INCISOR(S)	2	2	2	1	1	1
ALOPECIA: RIGHT FOREPAW	2	1	1	1	1	-
ALOPECIA: LEFT FOREPAW	1	1	1	2	1	-
ALOPECIA: BOTH FOREPAWS	5	6	7	5	5	6
ALOPECIA: RIGHT FORELEG	-	1	-	1	-	-
ALOPECIA: BOTH FORELEGS	2	2	3	2	3	3
ALOPECIA: LEFT HINDLEG	1	1	1	1	1	1
ALOPECIA: BOTH HINDLEGS	-	-	-	-	-	1
ALOPECIA: VENTRAL CERVICAL	1	1	1	1	1	1
ALOPECIA: VENTRAL SURFACE	1	1	1	1	1	[illegible]
SCAB(S): BOTH FORELEGS	-	-	-	1	1	1
SCAB(S): BOTH FOREPAWS	-	-	-	1	1	1
SCAB(S): LEFT HINDLEG	-	-	-	1	-	1
SCAB(S): VENTRAL CERVICAL	-	-	-	1	1	1
SCAB(S): VENTRAL SURFACE	-	-	-	1	1	1

TABLE 48 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P2/F2B CON'T

DOSE: 50 MG/KG

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 1	DAY 2
					4	1
N=	20	20	20	20	20	20
NO OBSERVABLE ABNORMALITIES	13	10	11	12	12	12
DRY RED OCULAR DISCHARGE	1	1	1	1	1	1
MALOCCLUDED INCISORS	1	1	2	2	3	3
BROKEN: UPPER INCISOR(S)	-	2	2	2	2	1
ALOPECIA: RIGHT FOREPAW	-	1	1	-	-	1
ALOPECIA: LEFT FOREPAW	-	-	-	-	-	1
ALOPECIA: BOTH FOREPAWS	3	3	3	3	3	2
ALOPECIA: RIGHT FORELEG	1	1	1	1	1	1
ALOPECIA: BOTH FORELEGS	1	1	1	1	1	1
ALOPECIA: VENTRAL CERVICAL	1	1	1	1	1	1
ALOPECIA: RIGHT LATERAL POSTERIOR DORSAL	1	1	1	1	1	1

TABLE 48 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P2/F2B CON'T

DOSE: 160 MG/KG

TIME=	D A Y 0	D A Y 1	D A Y 4	D A Y 7	D A Y 1 4	D A Y 2 1
N=	18	18	18	18	18	18
NO OBSERVABLE ABNORMALITIES	11	11	10	10	9	11
EAR(S): SWOLLEN	1	1	1	1	1	1
DRY RED OCULAR DISCHARGE: LEFT	-	-	-	-	-	1
MISSING: LEFT UPPER INCISOR	-	-	-	1	1	1
MALOCCLUDED INCISORS	3	3	3	3	3	3
BROKEN: BOTH UPPER INCISORS	1	1	1	1	1	1
ALOPECIA: RIGHT FOREPAW	-	-	1	1	-	-
ALOPECIA: BOTH FOREPAWS	1	1	2	2	3	2
ALOPECIA: RIGHT FORELEG	-	1	1	2	2	1
ALOPECIA: BOTH FORELEGS	4	4	4	3	3	4
ALOPECIA: LEFT HINDLEG	1	1	1	1	1	1
ALOPECIA: BOTH HINDLEGS	1	1	1	1	1	1
ALOPECIA: VENTRAL CERVICAL	3	3	3	3	3	3
ALOPECIA: VENTRAL SURFACE	3	3	3	3	3	3

TABLE 48 - INCIDENCE OF SCHEDULED LACTATION OBSERVATIONS - P2/F2B CON'T

DOSE: 500 MG/KG

TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
N=	10	9	1	1	1	1
NO OBSERVABLE ABNORMALITIES	3	4	1	1	1	1
MALOCCLUDED INCISORS	1	1	-	-	-	-
BROKEN: RIGHT UPPER INCISOR	1	1	-	-	-	-
ALOPECIA: BOTH FOREPAWS	4	4	-	-	-	-
ALOPECIA: BOTH FORELEGS	4	4	-	-	-	-
ALOPECIA: BOTH HINDLEGS	1	1	-	-	-	-
ALOPECIA: VENTRAL ABDOMEN	1	1	-	-	-	-
ALOPECIA: VENTRAL SURFACE	1	1	-	-	-	-
KINK IN TAIL	1	1	-	-	-	-

TABLE 49 - SUMMARY OF PARENTAL SURVIVAL - P2 MALES

GROUP	UNSCHEDULED DEATHS / TOTAL	ANIMAL NUMBER	DEATH TYPE	TEST DAY	SURVIVAL INDEX
0 MG/KG	0/30				1.00
50 MG/KG	1/30	JAB179	S	35	0.97
160 MG/KG	0/30				1.00
500 MG/KG	1/30	JAB236	S	86	0.97

KEY:

$$\text{Survival Index} = \frac{\text{Number alive at scheduled termination}}{\text{Total number of animals}}$$

S = Spontaneous death

E = Euthanasia

See Necropsy observations (Table 71) for details.

TABLE 50 - SUMMARY OF PARENTAL SURVIVAL - P2 FEMALES

GROUP	UNSCHEDULED DEATHS / TOTAL	ANIMAL NUMBER	DEATH TYPE	TEST DAY	SURVIVAL INDEX
0 MG/KG	1/30	JAB271	S	55	0.97
50 MG/KG	0/30				1.00
160 MG/KG	1/30	JAB316	S	13	0.97
500 MG/KG	0/30				1.00

KEY:

$$\text{Survival Index} = \frac{\text{Number alive at scheduled termination}}{\text{Total number of animals}}$$

S = Spontaneous death

E = Euthanasia

See Necropsy observations (Table 72) for details.

TABLE 51 - MEAN BODY WEIGHTS - P2 MALES
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

MALE	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63
	A+L+	A+L+	A+L+	A+L+	A+L+	A+L+	A+L+	A+L+	A+L+	A+L+	A+L+
0 MG/KG											
MEAN	180.2	185.6	242.5	309.8	366.0	409.4	453.2	484.4	510.3	533.8	557.2
STD.DEV.	29.0	28.4	32.5	34.0	36.2	36.9	39.0	40.1	41.7	43.5	46.4
(N)	30	30	30	30	30	30	30	30	30	30	30
50 MG/KG											
MEAN	175.5	182.0	241.4	307.8	363.5	407.0	449.0	476.9	503.6	529.0	548.8
STD.DEV.	27.9	28.3	30.3	32.0	32.3	33.0	33.0	32.9	32.5	36.1	40.5
(N)	30	30	30	30	30	30	29	29	29	29	29
160 MG/KG											
MEAN	176.4	182.5	235.2	306.2	360.1	403.0	443.7	471.3	500.4	524.6	541.7
STD. EV.	30.8	30.3	38.8	35.3	36.6	36.4	38.2	41.4	45.0	46.7	42.8
(N)	30	30	30	30	30	30	30	30	30	30	30
500 MG/KG	**	**	**	**	**	**	**	**	**	**	**
MEAN	138.7	145.3	193.9	254.0	304.4	345.6	382.5	407.1	433.6	455.2	471.5
STD.DEV.	35.0	36.0	39.4	43.9	44.4	44.5	46.3	46.7	49.0	51.7	52.2
(N)	30	30	30	30	30	30	30	30	30	30	30

TABLE 51 - MEAN BODY WEIGHTS - P2 MALES CON'T
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

MALE	DAY 70 A+L+	DAY 77 A+L+	DAY 84 A+L+	DAY 91 A+L+	DAY 98 A+L+	DAY 105 A+L+	DAY 112 A+L+	DAY 119 A+L+	DAY 126 A+L+	DAY 133 A+L+	DAY 140 A+L+
0 MG/KG											
MEAN	577.1	577.4	592.8	604.9	619.0	628.1	645.2	658.6	672.3	680.1	685.0
STD.DEV.	47.6	49.9	51.7	54.5	56.0	56.2	57.6	59.2	58.4	58.7	60.9
(N)	30	30	30	30	30	30	30	30	30	30	30
50 MG/KG											
MEAN	569.8	572.8	592.5	605.7	618.6	629.0	645.8	656.2	674.4	681.1	685.3
STD.DEV.	41.0	40.2	39.5	38.7	41.8	41.0	44.2	48.6	46.6	48.1	49.2
(N)	29	29	29	29	29	29	29	29	29	29	29
160 MG/KG											
MEAN	557.1	559.1	573.5	588.8	604.5	614.6	627.2	638.7	652.0	658.7	665.3
STD.DEV.	43.9	48.4	45.4	45.9	48.8	52.3	57.1	60.0	61.0	64.0	64.8
(N)	30	30	30	30	30	30	30	30	30	30	30
,00 MG/KG	**	**	**	**	**	**	**	**	**	**	**
MEAN	489.5	488.7	504.5	516.9	529.0	537.5	549.5	557.5	571.0	573.0	574.2
STD.DEV.	53.8	54.5	54.6	55.4	59.0	60.8	63.4	62.5	62.8	65.2	69.7
(N)	30	30	30	29	29	29	29	29	29	29	29

TABLE 51 - MEAN BODY WEIGHTS - P2 MALES CON'T
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

MALE	DAY 14 A+L+	DAY 15 A+L+	DAY 16 A+L+	DAY 16 A+L+	DAY 17 A+L+	DAY 18 A+L+	DAY 18 A+L+	DAY 19 A+L+	DAY 20 A+L+	DAY 21 A+L+
0 MG/KG										
MEAN	688.7	697.4	689.2	697.3	702.8	710.0	711.9	722.1	734.0	739.1
STD.DEV.	62.5	61.9	63.3	61.4	59.2	60.8	64.6	67.6	71.8	61.1
(N)	30	30	30	30	30	30	30	30	30	10
50 MG/KG										
MEAN	689.4	696.7	693.0	701.0	706.2	710.7	714.6	725.7	738.0	761.2
STD.DEV.	52.9	55.1	53.1	53.5	54.0	55.9	55.7	58.8	60.8	45.0
(N)	29	29	29	29	29	29	29	29	29	9
160 MG/KG										
MEAN	675.4	674.0	677.1	686.9	692.3	698.4	700.5	708.3	717.2	716.1
STD.DEV.	66.8	79.6	67.9	71.2	72.2	76.9	79.0	78.5	78.0	75.5
(N)	30	30	30	30	30	30	30	30	30	10
500 MG/KG	**	**	**	**	**	**	**	**	**	**
MEAN	580.6	587.1	581.7	585.6	589.9	587.6	584.4	597.4	606.9	592.2
STD.DEV.	69.6	71.0	70.4	71.2	74.8	72.1	75.7	76.6	78.5	90.4
(N)	29	29	29	29	29	29	29	29	29	9

TABLE 52 - MEAN BODY WEIGHTS - P2 FEMALES (F2A)
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63
	A+L+	A+L+	A+L+	A+L+	A+L+	A+L+	A+L+	A+L+	A+L+	A+L+	A+L+
0 MG/KG											
MEAN	145.0	154.5	184.5	209.9	232.4	250.8	267.4	280.2	290.6	298.2	309.2
STD.DEV.	33.6	19.5	21.1	22.6	27.1	27.7	30.7	29.8	29.9	31.9	33.0
(N)	30	30	30	30	30	30	30	30	30	29	29
50 MG/KG											
MEAN	143.7	150.6	181.1	212.7	238.3	256.3	274.6	287.1	299.0	310.5	319.7
STD.DEV.	22.7	22.3	19.4	20.2	21.5	22.8	24.4	25.3	26.8	28.5	29.8
(N)	30	30	30	30	30	30	30	30	30	30	30
160 MG/KG											
MEAN	140.7	143.2	171.6	200.3	223.9	242.7	258.9	268.2	280.3	291.1	300.6
STD.DEV.	24.6	24.1	21.5	22.2	22.8	23.9	25.3	25.7	26.8	29.8	32.0
(N)	30	30	30	29	29	29	29	29	29	29	29
500 MG/KG	**	**	**	**	**	**	**	**	**	**	**
MEAN	114.1	117.5	147.3	177.1	201.2	220.3	238.8	249.8	261.4	271.0	279.5
STD.DEV.	28.5	29.4	29.5	28.3	28.4	28.8	30.6	31.1	32.3	34.5	36.2
(N)	30	30	30	30	30	30	30	30	30	30	30

TABLE 52 - MEAN BODY WEIGHTS - P2 FEMALES (F2A) CONT.
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133
FEMALE	A+L+	A+L+	AL+	AL+	A+L+	NT	A+L+	A+L+	A+L+	A+L+Q
0 MG/KG										
MEAN	316.5	320.3	342.7	368.0	453.8		379.3	377.1	345.9	347.7
STD.DEV.	31.8	38.8	14.6	23.6	N/A		30.6	30.4	35.9	33.9
(N)	29	19	4	2	1		3	3	27	28
50 MG/KG										
MEAN	328.5	327.4	342.7	375.0	388.0	390.5	381.3	386.7	361.0	364.6
STD.DEV.	30.5	34.3	53.2	47.9	5.6	N/A	35.4	34.5	35.0	36.7
(N)	30	18	5	3	2	1	7	8	28	29
160 MG/KG					*					
MEAN	305.4	314.1	335.1	319.5	313.7	312.3	333.1	340.2	333.2	337.6
STD.DEV.	35.5	35.8	60.2	N/A	N/A	N/A	32.1	35.3	29.9	26.8
(N)	29	19	4	1	1	1	7	8	28	28
500 MG/KG	**	**		*	**		**	**	*	*
MEAN	286.8	277.4	287.0	294.8	237.7	288.1	309.6	308.3	317.1	323.2
STD.DEV.	36.5	28.4	26.8	32.5	27.4	28.6	32.7	33.4	40.1	40.1
(N)	30	21	9	8	7	7	22	24	30	30

TABLE 53 - MEAN GESTATION BODY WEIGHTS - P2/F2A
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 0	DAY 6	DAY 9	DAY 12	DAY 15	DAY 20	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20	DAY 0-20
	A+L+	A+L+	A+L+	A+L+	A+L+	A+L+	A-L-	A-L-	A-L-	A-L-	A+L+	A+L+
0 MG/KG												
MEAN	317.0	346.0	357.5	371.2	395.6	457.3	29.0	11.3	14.0	24.3	61.8	140.3
STD.DEV.	34.4	34.7	35.9	37.3	37.1	40.4	11.5	6.4	7.1	8.2	12.0	25.4
(N)	26	26	26	26	26	26	26	26	26	26	26	26
50 MG/KG												
MEAN	324.3	348.5	359.4	371.0	392.2	448.7	24.2	10.8	11.6	21.2	56.5	124.4
STD.DEV.	24.6	24.7	26.7	27.0	26.4	28.0	7.9	6.4	6.2	9.3	19.7	24.5
(N)	22	22	22	22	22	22	22	22	22	22	22	22
160 MG/KG												
MEAN	305.4	333.3	342.5	357.4	381.7	440.4	27.9	9.2	14.9	24.3	58.8	135.0
STD.DEV.	38.0	34.8	37.1	37.7	40.7	46.2	9.6	8.4	5.0	9.3	13.6	21.1
(N)	21	21	21	21	21	21	21	21	21	21	21	21
500 MG/KG	*	**	**	**	**	**					**	**
MEAN	281.5	305.6	314.8	329.2	348.1	389.6	24.1	9.2	14.4	18.9	41.5	108.1
STD.DEV.	43.5	41.9	42.6	45.1	42.8	47.7	7.9	4.9	3.9	9.4	9.7	22.4
(N)	14	14	14	14	14	14	14	14	14	14	14	14

RUN 1

TABLE 54 - MEAN LACTATION BODY WEIGHTS - P2/F2A
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 0 A+L+	DAY 1 A+L+	DAY 4 A+L+	DAY 7 A+L+	DAY 14 A-L+	DAY 21 A-L-	DAY 0-1 A-L-	DAY 1-4 A-L-	DAY 4-7 K-J-	DAY 7-14 A-L-	DAY 14-21 A-L-	DAY 0-21 A-L-
0 MG/KG												
MEAN	349.7	350.9	355.2	365.0	377.8	368.0	1.2	4.6	9.7	12.9	-9.8	18.5
STD.DEV.	37.4	35.9	32.9	31.3	32.0	30.9	12.3	15.5	15.0	17.7	16.0	24.2
(N)	27	27	26	26	26	26	27	26	26	26	26	26
50 MG/KG												
MEAN	351.2	346.4	353.9	362.5	376.0	373.7	-4.8	7.5	10.0	13.6	-2.4	24.7
STD.DEV.	30.1	29.7	29.1	25.8	25.8	25.8	7.8	7.9	11.3	13.2	16.5	21.6
(N)	23	23	23	22	22	22	23	23	22	22	22	22
160 MG/KG												
MEAN	339.0	338.0	345.7	353.3	363.8	360.3	-1.0	7.7	7.6	10.5	-3.5	21.3
STD.DEV.	34.8	35.3	31.4	32.7	23.9	25.3	6.5	12.1	7.6	15.3	17.2	26.3
(N)	21	21	21	21	21	21	21	21	21	21	21	21
500 MG/KG	**	**	**	**								
MEAN	307.1	303.4	309.9	322.5	346.7	347.7	-3.7	3.4	10.6	14.3	1.0	15.5
STD.DEV.	46.2	43.6	42.6	40.4	41.6	42.8	7.5	9.5	6.6	11.0	10.2	23.8
(N)	14	14	13	12	6	6	14	13	11	6	6	6

RUN 1

TABLE 55 - MEAN BODY WEIGHTS - P2 FEMALES (F2B)
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210
	A+L+	A+L+	AL+	A+L+	AL+	AL+	AL+	A+L+	AL+	A-L	AL+
0 MG/KG											
MEAN	353.4	360.5	356.6	371.7	403.6	440.6	444.2	463.8	399.0	399.7	386.4
STD.DEV.	33.3	37.3	38.0	37.4	39.0	31.1	46.0	22.8	59.7	58.5	44.6
(N)	29	29	29	21	6	3	2	2	5	4	26
50 MG/KG											
MEAN	369.2	374.2	370.3	376.6	407.2	421.1	460.9	430.3	387.6	389.4	393.5
STD.DEV.	37.0	40.5	41.4	44.2	61.0	62.8	82.9	N/A	30.6	35.3	44.2
(N)	30	30	30	23	7	6	4	1	8	8	26
160 MG/KG											
MEAN	348.4	352.8	355.5	355.8	408.1	408.6	435.5	449.6	375.3	373.2	375.8
STD.DEV.	29.8	33.9	33.0	34.9	26.4	38.0	N/A	N/A	40.7	60.4	43.2
(N)	29	29	29	23	3	2	1	1	10	10	28
500 MG/KG	*			*		*		**	*		
MEAN	328.3	337.8	338.2	337.3	355.6	361.4	358.6	343.8	347.7	350.6	359.9
STD.DEV	42.0	45.1	45.7	47.6	44.7	42.4	43.8	43.0	46.5	51.5	53.4
(N)	30	30	30	25	16	14	10	16	23	25	30

TABLE 55 - MEAN BODY WEIGHTS - P2 FEMALES (F2B) CONT.
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 21 AL+	DAY 24 A-L-
0 MG/KG		
MEAN	379.4	392.8
STD.DEV.	33.7	31.8
(N)	19	7
50 MG/KG		
MEAN	392.0	406.6
STD.DEV.	38.2	30.5
(N)	17	5
160 MG/KG		
MEAN	371.5	384.8
STD.DEV.	36.5	27.4
(N)	17	4
500 MG/KG		
MEAN	354.6	392.8
STD.DEV.	41.5	28.4
(N)	18	5

TABLE 56 - MEAN GESTATION BODY WEIGHTS - P2/F2B
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 0 AL+	DAY 6 AL+	DAY 9 AL+	DAY 12 A+L+	DAY 16 A+L+	DAY 20 A+L+	DAY 0-6 A-L-	DAY 6-9 K-J-	DAY 9-12 KJ	DAY 12-16 A-L	DAY 16-20 A+L+	DAY 0-20 A+L+
0 MG/KG												
MEAN	362.9	388.3	402.1	415.3	443.8	505.8	25.4	13.8	13.2	28.5	62.0	142.9
STD.DEV.	38.0	39.8	41.6	42.0	44.5	49.8	10.2	6.7	4.3	10.4	14.8	19.4
(N)	24	24	24	24	24	24	24	24	24	24	24	24
50 MG/KG												
MEAN	370.6	396.8	409.8	421.3	447.6	506.3	26.3	12.9	11.6	26.2	58.7	135.7
STD.DEV.	34.3	36.1	41.0	37.7	37.9	38.8	10.8	13.1	9.1	7.9	14.8	23.6
(N)	18	18	18	18	18	18	18	18	18	18	18	18
160 MG/KG												
MEAN	353.6	378.8	391.4	402.9	427.6	492.9	25.2	12.6	11.6	24.7	61.9	136.2
STD.DEV.	42.1	38.1	42.0	39.5	45.0	37.6	9.2	7.6	9.4	11.2	17.5	17.5
(N)	18	18	18	18	18	17	18	18	18	18	17	17
500 MG/KG	*	*	*	*	**	**			*		**	**
MEAN	318.7	345.7	358.7	365.8	385.4	418.6	27.0	13.0	7.1	19.7	33.1	99.9
STD.DEV.	42.6	47.0	49.6	48.8	44.8	46.4	6.3	6.4	3.4	10.2	12.3	19.8
(N)	9	9	9	9	9	9	9	9	9	9	9	9

RUN 1

TABLE 57 - MEAN LACTATION BODY WEIGHTS - P2/F2B
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21	DAY 0-1	DAY 1-4	DAY 4-7	DAY 7-14	DAY 14-21	DAY 0-21
	A+L+	A+L+	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-	A-L-
0 MG/KG												
MEAN	397.8	399.1	402.0	401.4	409.3	404.5	1.2	4.8	-0.7	7.9	-4.8	8.7
STD.DEV.	44.3	44.1	40.4	41.4	42.6	32.8	9.4	17.3	15.4	16.3	22.1	30.9
(N)	25	25	24	24	24	24	25	24	24	24	24	24
50 MG/KG												
MEAN	398.5	393.3	400.7	404.3	411.2	405.7	-1.6	4.1	3.6	7.0	-5.5	7.3
STD.DEV.	42.0	35.6	45.9	38.5	30.2	37.9	7.7	15.8	17.6	17.9	19.5	24.4
(N)	20	19	20	20	20	20	19	19	20	20	20	20
160 MG/KG												
MEAN	390.3	390.0	393.7	384.4	402.6	388.4	-0.3	3.7	-9.3	18.1	-14.2	-1.9
STD.DEV.	44.6	43.7	37.6	43.8	29.1	35.0	7.0	12.4	17.9	23.4	28.8	36.1
(N)	18	18	18	18	18	18	18	18	18	18	18	18
500 MG/KG	**	**										
MEAN	331.0	326.8	361.0	359.0	373.0	382.0	-4.2	-7.0	-2.0	14.0	9.0	12.0
STD.DEV.	33.7	34.9	N/A	N/A	N/A	N/A	4.6	N/A	N/A	N/A	N/A	N/A
(N)	9	9	1	1	1	1	9	1	1	1	1	1

RUN 1

TABLE 58 - MEAN WEEKLY FOOD CONSUMPTION - P2 MALES
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

MALE	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 15
	A+L+	A+L+	A+L+	AL+	AL+	A+L+	K-J-	A+L+	A+L+	A+L+Q+	A-L-
0 MG/KG											
MEAN	153.7	180.1	191.4	195.1	193.5	201.6	187.8	200.7	199.8	201.7	199.7
STD.DEV.	15.4	18.3	16.5	15.4	14.6	15.1	18.1	15.4	18.6	16.1	15.4
(N)	30	30	30	30	30	30	29	29	27	30	28
50 MG/KG											
MEAN	154.4	178.6	189.6	194.2	192.0	200.2	193.7	197.8	193.2	195.2	196.7
STD.DEV.	13.2	12.5	12.7	12.1	12.0	15.8	48.7	14.8	19.2	14.6	14.4
(N)	30	30	30	30	29	29	29	28	27	26	26
160 MG/KG										**	
MEAN	153.8	174.8	185.5	193.1	193.3	194.5	186.9	192.1	189.3	184.6	196.5
STD.DEV.	15.6	15.6	16.4	15.1	15.4	17.4	15.9	14.7	20.5	13.6	17.5
(N)	30	30	29	30	30	30	28	28	28	28	29
500 MG/KG	**	**	**	*	*	*		**	**	**	
MEAN	136.3	159.5	175.1	184.9	183.9	188.5	183.8	184.5	177.9	184.4	194.0
STD.DEV.	19.0	17.2	15.7	14.0	13.7	15.2	15.2	15.2	21.2	15.5	14.1
(N)	30	30	30	30	29	30	28	27	27	30	26

TABLE 58 - MEAN WEEKLY FOOD CONSUMPTION - P2 MALES CON'T
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

MALE	WEEK 16	WEEK 17	WEEK 18	WEEK 19	WEEK 20	WEEK 21	WEEK 22	WEEK 28	WEEK 29	WEEK 30
	A-L-	K-J-	A-L-	A-L	A-L+	A-L	A-L	A-L-	A-L-	A-L
0 MG/KG										
MEAN	195.8	196.6	193.5	196.8	196.0	193.5	196.4	193.4	196.2	198.5
STD.DEV.	17.3	15.8	13.6	13.1	16.5	20.5	15.1	21.9	18.3	11.5
(N)	29	30	29	29	29	29	30	30	29	19
50 MG/KG										
MEAN	196.9	199.2	193.7	195.4	196.7	195.0	192.0	198.8	196.1	195.4
STD.DEV.	15.6	23.5	15.3	13.6	17.5	18.9	16.0	17.3	17.5	15.3
(N)	27	29	28	29	29	28	28	29	29	19
160 MG/KG										
MEAN	193.2	193.8	189.3	195.0	193.0	193.6	193.2	195.5	190.6	198.5
STD.DEV.	26.2	30.8	16.7	19.8	17.6	15.9	16.8	21.4	22.2	19.6
(N)	27	29	26	28	29	30	28	29	28	18
500 MG/KG										
MEAN	191.7	191.1	188.1	187.7	185.4	183.7	185.8	193.1	197.1	188.4
STD.DEV.	17.2	18.0	14.4	15.6	14.5	18.1	16.6	20.1	17.3	14.8
(N)	26	27	24	25	27	26	25	29	27	19

TABLE 59 - MEAN WEEKLY FOOD CONSUMPTION - P2 FEMALES (F2A)
(GRAMS)

FEMALE	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
	A-L-	A-L-	A-L-	A-L-	AL	A-L-Q	K-J-	K-J-	A-L-	A-L-
0 MG/KG										
MEAN	112.8	121.4	128.2	132.3	135.7	138.9	132.3	141.0	138.5	137.7
STD.DEV.	10.1	11.6	15.3	13.3	15.0	13.7	10.1	32.2	13.7	12.1
(N)	30	30	30	30	29	30	29	29	29	28
50 MG/KG										
MEAN	118.2	127.8	135.4	141.8	145.2	146.0	140.3	145.3	144.8	143.3
STD.DEV.	10.6	14.0	14.7	15.6	14.4	15.5	15.9	13.9	15.9	13.4
(N)	29	30	30	30	30	30	30	30	30	30
160 MG/KG										
MEAN	115.3	125.3	132.1	134.5	138.1	135.3	133.2	137.0	135.0	133.6
STD.DEV.	10.1	11.3	13.1	14.1	13.4	13.9	13.2	14.7	14.3	19.6
(N)	30	29	29	29	28	29	29	29	27	28
500 MG/KG					*					
MEAN	110.3	122.9	128.4	138.3	147.5	142.8	140.7	139.1	135.8	140.3
STD.DEV.	16.3	12.3	13.0	19.4	22.9	19.7	20.3	17.1	16.0	17.3
(N)	30	30	29	28	27	29	30	29	28	27

TABLE 59 - MEAN WEEKLY FOOD CONSUMPTION - P2 FEMALES (F2A) CON'T
(GRAMS)

	WEEK 17	WEEK 18	WEEK 19
FEMALE	K-J-	A-L-	AL-Q
0 MG/KG			
MEAN	136.3	184.8	152.4
STD.DEV.	18.0	30.0	22.1
(N)	3	12	28
50 MG/KG			*
MEAN	120.1	161.5	167.3
STD.DEV.	67.9	48.2	17.8
(N)	7	17	27
160 MG/KG			
MEAN	63.3	148.4	158.1
STD.DEV.	243.6	32.8	21.8
(N)	7	14	26
500 MG/KG			
MEAN	143.6	154.6	154.5
STD.DEV.	25.8	26.4	20.1
(N)	17	19	26

TABLE 60 - MEAN GESTATION FOOD CONSUMPTION - P2/F2A
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
FEMALE	A-L-	AL	A-L-	AL	KJ
0 MG/KG					
MEAN	153.6	87.2	85.3	118.7	124.1
STD.DEV.	20.4	11.7	11.6	13.7	14.2
(N)	26	26	25	26	26
50 MG/KG					
MEAN	152.0	83.5	82.0	111.9	122.1
STD.DEV.	14.4	10.2	9.2	13.8	26.4
(N)	22	22	22	22	22
160 MG/KG		*		*	
MEAN	145.1	77.9	79.2	108.3	122.3
STD.DEV.	12.9	10.8	11.0	13.2	11.8
(N)	21	21	21	21	21
500 MG/KG				*	*
MEAN	146.1	78.3	82.9	106.3	110.5
STD.DEV.	15.4	10.0	11.9	12.2	12.5
(N)	14	14	14	14	14

RUN 1

TABLE 61 - MEAN LACTATION FOOD CONSUMPTION - P2/F2A
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

	DAY 0-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
FEMALE	K+J+	A+L+	A+L+Q	A+L+	A+L+
0 MG/KG					
MEAN	112.6	130.3	166.6	252.7	550.0
STD.DEV.	33.7	20.9	16.0	28.9	45.5
(N)	25	26	26	26	26
50 MG/KG					
MEAN	97.5	122.2	156.3	240.7	523.9
STD.DEV.	20.7	19.7	21.6	34.1	65.1
(N)	23	22	22	22	22
160 MG/KG					
MEAN	104.0	128.8	160.3	250.0	525.7
STD.DEV.	20.3	22.0	20.9	33.9	70.3
(N)	21	21	21	21	21
500 MG/KG	**	**	**	**	**
MEAN	72.6	96.3	108.7	192.5	396.5
STD.DEV.	12.4	27.1	25.5	55.2	108.1
(N)	13	11	10	6	6

RUN 1

TABLE 62 - MEAN WEEKLY FOOD CONSUMPTION - P2 FEMALES (F2B)
(GRAMS)

FEMALE	WEEK 20 A-L-	WEEK 21 A-L-	WEEK 22 A+L+Q+
0 MG/KG			
MEAN	154.5	150.2	129.1
STD.DEV.	18.1	16.3	15.6
(N)	27	29	28
50 MG/KG			
MEAN	159.6	152.6	132.7
STD.DEV.	17.4	17.0	18.4
(N)	30	30	30
160 MG/KG			**
MEAN	154.3	146.3	149.2
STD.DEV.	15.4	16.5	16.7
(N)	26	26	27
500 MG/KG			**
MEAN	156.0	154.9	151.3
STD.DEV.	20.3	24.4	20.3
(N)	26	29	27

TABLE 63 - MEAN GESTATION FOOD CONSUMPTION - P2/F2B
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
FEMALE	A-L-	A-L-	A-L-	A-L-	AL+
0 MG/KG					
MEAN	169.9	90.7	90.1	120.6	124.5
STD.DEV.	20.1	11.8	9.6	14.2	13.8
(N)	23	24	24	24	22
50 MG/KG					
MEAN	175.9	92.6	91.1	118.7	121.4
STD.DEV.	23.1	16.7	9.2	10.4	14.3
(N)	18	18	18	18	18
160 MG/KG					
MEAN	158.5	86.0	88.3	114.2	118.8
STD.DEV.	16.0	10.0	14.8	12.6	9.8
(N)	18	18	18	18	18
500 MG/KG					*
MEAN	164.1	87.9	87.3	113.0	106.8
STD.DEV.	18.8	11.3	8.4	12.5	15.8
(N)	9	8	9	9	9

RUN 1

TABLE 64 - MEAN LACTATION FOOD CONSUMPTION - P2/F2B
(GRAMS)
(SEE KEY B - KEY TO STATISTICAL SYMBOLS)

FEMALE	DAY 0-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
	A-L-	A-L-	A-L-	K-J-	A-L-
0 MG/KG					
MEAN	103.6	120.1	160.7	253.4	517.2
STD.DEV.	19.9	22.9	28.7	38.7	62.4
(N)	23	24	24	24	24
50 MG/KG					
MEAN	96.6	124.1	165.6	246.5	528.0
STD.DEV.	27.3	15.3	30.1	67.4	80.1
(N)	18	20	20	20	20
160 MG/KG					
MEAN	100.2	113.9	159.2	247.3	520.1
STD.DEV.	16.7	25.1	29.6	33.7	77.3
(N)	17	18	15	15	17
500 MG/KG					
MEAN	75.0	114.0	132.0	257.0	535.0
STD.DEV.	N/A	N/A	N/A	N/A	N/A
(N)	1	1	1	1	1

RUN 1

TABLE 65 - MEAN PRE-MATING MEASURED DOSE RATE - P2 MALES

	3 WEEKS	7 WEEKS
MALE		
50 MG/KG		
MEAN	50.0	47.2
STD.DEV.	3.7	12.8
(N)	30	29
160 MG/KG		
MEAN	168.2	152.8
STD.DEV.	13.4	10.7
(N)	29	28
500 MG/KG		
MEAN	524.8	482.7
STD.DEV.	48.3	39.6
(N)	30	28

TABLE 66 - MEAN PRE-MATING MEASURED DOSE RATE - P2 FEMALES

	3 WEEKS	7 WEEKS
FEMALE		
50 MG/KG		
MEAN	51.4	45.9
STD.DEV.	4.7	3.9
(N)	30	30
160 MG/KG		
MEAN	167.8	156.9
STD.DEV.	17.4	12.9
(N)	29	29
500 MG/KG		
MEAN	503.6	496.4
STD.DEV.	55.9	60.1
(N)	29	30

TABLE 67 - MEAN GESTATION MEASURED DOSE RATE - P2/F2A
(MG/KG/DAY)

TARGET DOSE	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
50 MG/KG/DAY	52.8	55.1	52.5	51.4	50.9
160 MG/KG/DAY	168.4	170.9	167.8	162.9	165.4
500 MG/KG/DAY	507.1	514.3	524.6	479.7	457.8

TABLE 68 - MEAN LACTATION MEASURED DOSE RATE - P2/F2A
(MG/KG/DAY)

TARGET DOSE	DAY 0-4	DAY 4-7	DAY 7-14	DAY 14-21
50 MG/KG/DAY	48.5	79.7	107.7	140.0
160 MG/KG/DAY	168.9	273.2	363.6	461.3
500 MG/KG/DAY	359.6	620.6	786.1	997.3

TABLE 69 - MEAN GESTATION MEASURED DOSE RATE - P2/F2B
(MG/KG/DAY)

TARGET DOSE	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
50 MG/KG/DAY	53.6	53.7	51.2	47.9	44.6
160 MG/KG/DAY	160.4	165.6	164.8	152.9	143.5
500 MG/KG/DAY	503.3	508.5	491.1	460.4	406.5

TABLE 70 - MEAN LACTATION MEASURED DOSE RATE - P2/F2B
(MG/KG/DAY)

TARGET DOSE	DAY 0-4	DAY 4-7	DAY 7-14	DAY 14-21
50 MG/KG/DAY	42.4	72.0	101.2	129.5
160 MG/KG/DAY	142.1	217.0	328.2	417.8
500 MG/KG/DAY	331.3	645.3	928.2	1236.0

TABLE 71 - NECROPSY OBSERVATIONS - P2 MALES

0 MG/KG

JAB141M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 743 grams.

JAB144M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 765 grams.

JAB001M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 694 grams.

JAB147M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 877 grams.

JAB051M

INCISORS: Maloccluded.
TERMINAL BODY WEIGHT: 582 grams.

JAB052M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 761 grams.

JAB149M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 736 grams.

JAB055M

HEAD: Leans towards the right.
TERMINAL BODY WEIGHT: 676 grams.

JAB152M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 651 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

JAB155M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 873 grams.

JAB158M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 744 grams.

JAB161M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 696 grams.

JAB164M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 188 grams.

JAB058M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 800 grams.

JAB167M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 872 grams.

JAB170M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 747 grams.

JAB162M

KIDNEY (Right): Slightly dilated renal pelvis; (Left): Moderately dilated renal pelvis.
TERMINAL BODY WEIGHT: 706 grams.

JAB002M

INCISORS: Maloccluded.
EYE (Left): Slight dry red ocular discharge.
TERMINAL BODY WEIGHT: 795 grams.

JAB059M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 729 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

JAB146M

INCISORS: Malocclude[illegible]; (Left upper): Missing.
TERMINAL BODY WEIGHT: 652 grams.

JAB143M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 748 grams.

JAB172M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 726 grams.

JAB156M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 752 grams.

JAB053M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 791 grams.

JAB168M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 798 grams.

JAB160M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 613 grams.

JAB145M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 813 grams.

JAB166M

INCISORS: Malocclu[illegible]ded.
TERMINAL BODY WEIGHT: 645 grams.

JAB060M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 754 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

JAB154M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 665 grams.

50 MG/KG

JAB004M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 664 grams.

JAB007M

INCISOR (Left upper): Broken.
TERMINAL BODY WEIGHT: 757 grams.

JAB173M

SKIN/FUR (Left anterior to penis): Scabs; (Right anterior to penis): Swollen.
TERMINAL BODY WEIGHT: 791 grams.

JAB176M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 716 grams.

JAB061M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: Not taken due to technician error.

JAB182M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 674 grams.

JAB185M

CHEEK (Right): Slightly swollen.
EYE (Right): Slight dry red ocular discharge.
INCISORS: Maloccluded.
TERMINAL BODY WEIGHT: 574 grams.

JAB010M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 691 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

JAB188M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 813 grams.

JAB064M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 726 grams.

JAB191M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 854 grams.

JAB194M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 764 grams.

JAB344M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 673 grams.

JAB197M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 686 grams.

JAB199M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 739 grams.

JAB201M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 748 grams.

JAB189M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 859 grams.

JAB200M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 730 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

JAB174M

KIDNEY (Right): Slightly dilated renal pelvis.
MASS A (Right inguinal): Subcutaneous, 12 x 12 mm, tan, filled with thick green material, cut surface tan and firm.
TERMINAL BODY WEIGHT: 802 grams.

JAB184M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 761 grams.

JAB196M

KIDNEY (Right): Slightly dilated pelvis.
TERMINAL BODY WEIGHT: 801 grams.

JAB008M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 761 grams.

JAB175M

STOMACH: Empty.
TERMINAL BODY WEIGHT: 700 grams.

JAB009M

TESTIS (Right): Smaller than normal and flaccid.
TERMINAL BODY WEIGHT: 765 grams.

JAB198M

FOREPAW (Right): Missing digit.
TERMINAL BODY WEIGHT: 778 grams.

JAB187M

SKIN/FUR (Both forepaws): Slight alopecia.
TERMINAL BODY WEIGHT: 757 grams.

JAB177M

STOMACH (Glandular portion): White foci, 0.02 cm.
TERMINAL BODY WEIGHT: 689 grams.

JAB193M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 812 grams.

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NOT SUBJECTED TO
QA AUDIT

JAB181M

KIDNEY (Right): Slightly dilated pelvis.
TERMINAL BODY WEIGHT: 788 grams.

160 MG/KG

JAB202M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 778 grams.

JAB013M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 758 grams.

JAB067M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 695 grams.

JAB205M

INCISORS: Maloccluded; (Upper right): Broken.
TERMINAL BODY WEIGHT: 669 grams.

JAB070M

EYE (Left): Slight dry red ocular discharge.
INCISORS: Maloccluded.
PALATE: Sores.
TERMINAL BODY WEIGHT: 661 grams.

JAB073M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 745 grams.

JAB208M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 756 grams.

JAB211M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 754 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

JAB076M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 617 grams.

JAB214M

INCISORS: Maloccluded; (Right upper): Missing.
TESTES (Both): Slightly smaller than normal.
TERMINAL BODY WEIGHT: 681 grams.

JAB079M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 754 grams.

JAB082M

EARS (Both): Slightly swollen.
SKIN/FUR: (Both forepaws): Moderate alopecia.
TERMINAL BODY WEIGHT: 678 grams.

JAB217M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: Not recorded due to technician oversight.

JAB085M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 604 grams.

JAB088M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 799 grams.

JAB220M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 646 grams.

JAB222M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 837 grams.

JAB068M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 936 grams.

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NOT SUBJECTED TO
QA AUDIT

JAB210M

INCISORS (Both uppers): Maloccluded.
TERMINAL BODY WEIGHT: 647 grams.

JAB071M

SKIN/FUR (Both forelegs): Slight alopecia.
TERMINAL BODY WEIGHT: 776 grams.

JAB215M

KIDNEY (Right): Slightly dilated pelvis.
URINARY BLADDER: Slightly distended, filled with yellow liquid, slight number of white, hard granules, approximately 0.2 cm in diameter.
TERMINAL BODY WEIGHT: Not recorded due to technician oversight.

JAB206M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 711 grams.

JAB086M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 676 grams.

JAB090M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 798 grams.

JAB207M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 696 grams.

JAB014M

TESTIS (Left): Smaller than normal and flaccid.
TERMINAL BODY WEIGHT: 650 grams.

JAB087M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 641 grams.

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NOT SUBJECTED TO
QA AUDIT

JAB081M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 767 grams.

JAB015M

INCISORS: Maloccluded.
TERMINAL BODY WEIGHT: 604 grams.

JAB069M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 842 grams.

500 MG/KG

JAB223M

ABDOMEN: Umbilical hernia.
INCISORS: Maloccluded; (Left upper): Broken.
SKIN/FUR (Left eye): Slight dry red ocular discharge.
TESTES (Both): Slightly smaller than normal.
TERMINAL BODY WEIGHT: 547 grams.

JAB227M

INCISORS: Maloccluded; (Right upper): Missing.
TERMINAL BODY WEIGHT: 537 grams.

JAB016M

TESTES (Both): Slightly smaller than normal.
TERMINAL BODY WEIGHT: 600 grams.

JAB229M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 623 grams.

JAB091M

TESTES (Both): Slightly smaller than normal.
TERMINAL BODY WEIGHT: 751 grams.

JAB093M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 727 grams.

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NOT SUBJECTED TO
QA AUDIT

JAB232M

TESTES (Both): Slightly smaller than normal.
TERMINAL BODY WEIGHT: 752 grams.

JAB018M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 659 grams.

JAB022M

TESTES (Both): Slightly smaller than normal.
TERMINAL BODY WEIGHT: 480 grams.

JAB238M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 626 grams.

JAB242M

SKIN/FUR (Both forepaws): Slight alopecia.
TERMINAL BODY WEIGHT: 668 grams.

JAB239M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 625 grams.

JAB225M

TESTES (Both): Slightly smaller than normal.
TERMINAL BODY WEIGHT: 689 grams.

JAB240M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 587 grams.

JAB231M

EYE (Right): Dried red ocular discharge.
INCISORS: Maloccluded; (Right upper): Broken.
TERMINAL BODY WEIGHT: 561 grams.

JAB235M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 782 grams.

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QA AUDIT

JAB021M

SKIN/FUR (Both forepaws): Moderate alopecia.
TERMINAL BODY WEIGHT: 649 grams.

JAB237M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 639 grams.

JAB241M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 601 grams.

JAB230M

INCISORS: Maloccluded.
TERMINAL BODY WEIGHT: 582 grams.

JAB236M - Spontaneous death on Day 86

KIDNEYS (Both): Moderate amount of white foci on outer cortex; (Right): Moderately larger than normal, moderately dilated renal pelvis; (Left): Slightly larger than normal, slightly dilated renal pelvis.
SKIN/FUR (Ano-genital area): Slight red material.
URINARY BLADDER: Extremely distended and extremely vascularized, dark red liquid present with white liquid suspension.
TERMINAL BODY WEIGHT: 492 grams.

JAB092M

TESTES (Both): Slightly smaller than normal and flaccid.
TERMINAL BODY WEIGHT: 768 grams.

JAB025M

ABDOMINAL WALL: Raised area approximately 0.4 cm in diameter, raised approximately 0.2 cm, herniation through muscle of abdominal area, 0.5 cm in diameter.
TESTES (Both): Slightly smaller than normal.
TERMINAL BODY WEIGHT: 581 grams.

JAB224M

INCISORS: Maloccluded.
TERMINAL BODY WEIGHT: 602 grams.

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JAB024M

INCISOR (Left upper): Missing.
TESTES (Both): Smaller than normal and flaccid.
TERMINAL BODY WEIGHT: 570 grams.

JAB019M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 580 grams.

JAB017M

INCISORS (Left upper): Broken.
SKIN/FUR: (Around left eye): Slight amount of dry red material.
TERMINAL BODY WEIGHT: Not recorded due to technician error.

JAB233M

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 553 grams.

JAB228M

INCISORS (Both uppers): Maloccluded and broken.
PROSTATE: Slightly vascularized and reddened.
SEMINAL VESICLES: Moderately vascularized and red.
SKIN/FUR (Around left eye): Slight amount of dry red material.
TESTES: Moderately vascularized, red, and dark red.
TERMINAL BODY WEIGHT: 453 grams.

JAB234M

TESTES (Both): Smaller than normal and flaccid.
TERMINAL BODY WEIGHT: 495 grams.

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TABLE 72 - NECROPSY OBSERVATIONS - P2 FEMALES

0 MG/KG

JAB245F

EARS (Both): Slightly swollen.
TERMINAL BODY WEIGHT: 438 grams.

JAB248F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 403 grams.

JAB026F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 302 grams.

JAB251F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 422 grams.

JAB095F

EARS (Both): Slightly swollen.
SKIN/FUR (Both forelegs): Slight alopecia.
TERMINAL BODY WEIGHT: 511 grams.

JAB097F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 352 grams.

JAB254F

SKIN/FUR (Both forepaws and forelegs): Moderate alopecia; (Right hindleg): Slight alopecia.
TERMINAL BODY WEIGHT: 427 grams.

JAB100F

KIDNEY (Right): Extremely dilated renal pelvis.
TERMINAL BODY WEIGHT: 422 grams.

JAB257F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 321 grams.

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JAB260F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 411 grams.

JAB263F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 373 grams.

JAB266F

INCISORS (Upper): Broken.
TERMINAL BODY WEIGHT: 341 grams.

JAB269F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 361 grams.

JAB101F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: Not recorded due to technician oversight.

JAB270F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 451 grams.

JAB273F

SKIN/FUR (Both forepaws and hindpaws): Moderate alopecia.
TERMINAL BODY WEIGHT: 381 grams.

JAB252F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 404 grams.

JAB028F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 368 grams.

JAB275F

INCISORS (Upper): Malocclueded.
TERMINAL BODY WEIGHT: 346 grams.

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JAB255F

SKIN/FUR (Both forepaws and forelegs): Moderate alopecia.
TERMINAL BODY WEIGHT: 409 grams.

JAB264F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 333 grams.

JAB267F

KIDNEY (Right): Moderately dilated renal pelvis filled with a slight amount of clear liquid with a slight amount of white granular material.
TERMINAL BODY WEIGHT: 328 grams.

JAB262F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 367 grams.

JAB102F

INCISORS: Maloccluded.
KIDNEY (Right): Moderately dilated renal pelvis.
TERMINAL BODY WEIGHT: 406 grams.

JAB246F

EARS (Both): Slightly swollen.
TERMINAL BODY WEIGHT: 398 grams.

JAB256F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 389 grams.

JAB098F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 443 grams.

JAB249F

SKIN/FUR (Both forepaws, forelegs, left hindleg, ventral, and ventral cervical): Slight alopecia.
TERMINAL BODY WEIGHT: 383 grams.

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JAB253F

KIDNEYS (Both): Extremely dilated renal pelvis; small, firm and creamy materials.
URINARY BLADDER: Several small, firm and creamy materials.
TERMINAL BODY WEIGHT: 348 grams.

50 MG/KG

JAB029F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 362 grams.

JAB032F

SKIN/FUR (Posterior dorsal): Moderate alopecia.
TERMINAL BODY WEIGHT: 382 grams.

JAB276F

OVARY (Left): Surrounded by a clear fluid filled sac.
TERMINAL BODY WEIGHT: 375 grams.

JAB279F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 318 grams.

JAB104F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 383 grams.

JAB282F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 374 grams.

JAB285F

KIDNEY (Right): Moderately dilated renal pelvis.
TERMINAL BODY WEIGHT: 364 grams.

JAB288F

INCISORS: Maloccluded.
SKIN/FUR (Around left eye): Moderate amount of dry red material.
TERMINAL BODY WEIGHT: 371 grams.

NOT SUBJECTED TO
04 AUG

JAB035F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: Not recorded due to technician oversight.

JAB291F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 547 grams.

JAB107F

SKIN/FUR (Both forepaws): Moderate alopecia.
TERMINAL BODY WEIGHT: 395 grams.

JAB292F

OVARY (Right): Surrounded by a large red fluid filled sac.
TERMINAL BODY WEIGHT: 437 grams.

JAB295F

ALL TISSUES AND ORGANS: No observable abnormalities
TERMINAL BODY WEIGHT: 383 grams.

JAB347F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 393 grams.

JAB298F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 350 grams.

JAB299F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 439 grams.

JAB348F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 442 grams.

JAB277F

EARS (Both): Slightly swollen.
TERMINAL BODY WEIGHT: 444 grams.

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JAB293F

UTERUS: Slightly distended.
TERMINAL BODY WEIGHT: 449 grams.

JAB037F

SKIN/FUR (Both forepaws): Moderate alopecia.
TERMINAL BODY WEIGHT: 362 grams.

JAB349F

SKIN/FUR (Ventral cervical): Slight alopecia.
TERMINAL BODY WEIGHT: 438 grams.

JAB278F

SKIN/FUR (Both forepaws): Moderate alopecia.
TERMINAL BODY WEIGHT: 408 grams.

JAB300F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 433 grams.

JAB034F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 415 grams.

JAB105F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 333 grams.

JAB289F

EYE (Left): Dried red ocular discharge.
INCISORS: Maloccluded.
TERMINAL BODY WEIGHT: 454 grams.

JAB297F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 379 grams.

JAB106F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 371 grams.

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NOT SUBJECTED TO
QA AUDIT

JAB281F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 404 grams.

JAB290F

INCISORS: Maloccluded; (Left upper): Broken.
TERMINAL BODY WEIGHT: 417 grams.

160 MG/KG

JAB302F

SKIN/FUR (Ventral surface, ventral cervical, both hindlegs and forelegs): Slight alopecia.
TERMINAL BODY WEIGHT: 409 grams.

JAB038F

SKIN/FUR (Right foreleg): Slight alopecia.
TERMINAL BODY WEIGHT: 388 grams.

JAB110F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 361 grams.

JAB305F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 324 grams.

JAB113F

SKIN/FUR (Ventral surface, both forepaws and forelegs): Moderate alopecia.
TERMINAL BODY WEIGHT: 356 grams.

JAB116F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 460 grams.

JAB308F

INCISORS: Maloccluded; (Left upper): Missing.
SKIN/FUR (Both forepaws and forelegs): Slight alopecia.
TERMINAL BODY WEIGHT: 387 grams.

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QA AUDIT

JAB311F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 338 grams.

JAB118F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 372 grams.

JAB314F

KIDNEY (Right): Slightly dilated renal pelvis, filled with small white granular material.
TERMINAL BODY WEIGHT: 476 grams.

JAB121F

UTERUS: Slightly distended.
TERMINAL BODY WEIGHT: 360 grams.

JAB124F

SKIN/FUR (Around right eye): Slight amount of dry red material.
TERMINAL BODY WEIGHT: 435 grams.

JAB316F - Spontaneous death on Day 13

ADRENALS (Both): Dark red.
KIDNEYS (Both): Moderately larger than normal, moderately dilated renal pelvis; (Right): Moderate tan embedded foci on outer cortex.
SKIN/FUR (Snout): Slight amount of dry red material; (Ano-genital area): Slight amount of tan staining.
URINARY BLADDER: Extremely distended with thin yellow liquid, contained one white hard object approximately 0.5 cm in diameter.
TERMINAL BODY WEIGHT: 188.2 grams.

JAB127F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 317 grams.

JAB130F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 426 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

JAB319F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 403 grams.

JAB322F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 424 grams.

JAB320F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 341 grams.

JAB114F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 346 grams.

JAB306F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 435 grams.

JAB313F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 384 grams.

JAB323F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 346 grams.

JAB310F

INCISORS: Maloccluded.
SKIN/FUR (Around left eye): Dry red ocular discharge.
TERMINAL BODY WEIGHT: 357 grams.

JAB117F

INCISORS: Maloccluded.
PALATE: Sores.
TERMINAL BODY WEIGHT: 273 grams.

JAB040F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 400 grams.

JAB309F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 386 grams.

JAB039F

EYE (Left): Dry red ocular discharge.
INCISORS: Maloccluded; (Uppers): Broken.
TERMINAL BODY WEIGHT: 344 grams.

JAB317F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 416 grams.

JAB120F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 393 grams.

JAB112F

EARS (Both): Swollen.
SKIN/FUR (Both forelegs): Slight alopecia.
TERMINAL BODY WEIGHT: 398 grams.

500 MG/KG

JAB325F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 483 grams.

JAB133F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 433 grams.

JAB327F

SKIN/FUR (Both forepaws and forelegs): Slight alopecia.
TERMINAL BODY WEIGHT: 342 grams.

JAB041F

SKIN/FUR (Around left eye): Slight amount of dry red material.
TERMINAL BODY WEIGHT: 274 grams.

DRAFT
NOT SUBJECTED TO
AGENCY

JAB331F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 355 grams.

JAB135F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 426 grams.

JAB136F

SKIN/FUR: Slight urine staining.
TERMINAL BODY WEIGHT: 422 grams.

JAB334F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 383 grams.

JAB045F

SKIN/FUR (Both forepaws): Slight alopecia.
TERMINAL BODY WEIGHT: 351 grams.

JAB335F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 269 grams.

JAB050F

EYES (Both): 5% opacity.
INCISORS: Maloccluded.
KIDNEY (Left): Mottled red/dark red; (Right): Moderate amount of clear embedded foci.
TERMINAL BODY WEIGHT: 251 grams.

JAB336F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 372 grams.

JAB339F

KIDNEY (Right): Slightly dilated renal pelvis.
TERMINAL BODY WEIGHT: 385 grams.

JAB329F

SKIN/FUR (Both forepaws): Moderate alopecia.
TERMINAL BODY WEIGHT: 284 grams.

DRAFT
NOT SUBJECT TO
DATA

JAB330F

SKIN/FUR (Left foreleg): Slight alopecia.
TERMINAL BODY WEIGHT: 292 grams.

JAB343F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 388 grams.

JAB046F

SKIN/FUR (Both forelegs): Slight alopecia.
TERMINAL BODY WEIGHT: 371 grams.

JAB138F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 401 grams.

JAB043F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 352 grams.

JAB332F

INCISORS: Maloccluded.
OVARY (Left): Surrounded by a small clear fluid filled sac.
TERMINAL BODY WEIGHT: 296 grams.

JAB337F

INCISORS: Maloccluded; (Left upper): Broken.
TERMINAL BODY WEIGHT: 309 grams.

JAB140F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 355 grams.

JAB328F

SKIN/FUR (Both forepaws and forelegs): Moderate alopecia;
(Ventral): Slight alopecia.
TERMINAL BODY WEIGHT: 318 grams.

JAB042F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 437 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

JAB047F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 340 grams.

JAB134F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 360 grams.

JAB048F

INCISORS: Maloccluded.
TERMINAL BODY WEIGHT: 435 grams.

JAB341F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 374 grams.

JAB333F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 389 grams.

JAB338F

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 394 grams.

DRAFT
NOT SUBJECTED

TABLE 73 - SUMMARY OF REPRODUCTION DATA - P2/F2A

DOSE (MG/KG)	Male Mating Index	Male Fertility Index	Female Fertility Index	Female Fecundity Index	Gestational Index	Mean Days Gestation	Mean Litter Size	Mean Live	Mean Dead	Percent Live	Percent Dead
0	96.6	93.1	96.6	96.4	100.0	22.4	15.2	14.9	0.3	97.8	2.2
50	89.7	72.4	93.3	82.1	95.7	22.4	13.3	12.9	0.3	97.4	2.6
160	96.6	72.4	96.6	75.0	100.0	22.3	14.9	14.6	0.3	97.8	2.2
500	73.3	46.7	76.7	60.9	100.0	22.1	11.6	10.8	0.9	92.6	7.4

INDICES:

Male Mating Index (%) = $\frac{\text{Number of males for which mating confirmed}}{\text{Number of males used for mating}} \times 100$

Male Fertility Index (%) = $\frac{\text{Number of males impregnating females}}{\text{Number of males used for mating}} \times 100$

Female Fertility Index (%) = $\frac{\text{Number of females for which mating confirmed}}{\text{Number of females paired}} \times 100$

Female Fecundity Index (%) = $\frac{\text{Number of females pregnant}}{\text{Number of females sperm positive}} \times 100$

Gestational Index (%) = $\frac{\text{Number of females with live litters}}{\text{Number of females pregnant}} \times 100$

TABLE 74 - SUMMARY OF REPRODUCTION DATA - P2/F2B

DOSE (MG/KG)	Male Mating Index	Male Fertility Index	Female Fertility Index	Female Fecundity Index	Gestational Index	Mean Days Gestation	Mean Litter Size	Mean Live	Mean Dead	Percent Live	Percent Dead
0	90.0	83.3	93.1	92.6	100.0	22.6	15.2	14.9	0.4	97.6	2.1
50	82.8	69.0	90.0	74.1	100.0	22.6	14.4	13.9	0.5	96.5	3.5
160	93.3	60.0	96.6	64.3	100.0	22.6	14.4	14.2	0.2	98.8	1.2
500	62.1	34.5	66.7	50.0	90.0	22.4	11.0	9.0	2.0	81.8	18.2

INDICES:

$$\text{Male Mating Index (\%)} = \frac{\text{Number of males for which mating confirmed}}{\text{Number of males used for mating}} \times 100$$

$$\text{Male Fertility Index (\%)} = \frac{\text{Number of males impregnating females}}{\text{Number of males used for mating}} \times 100$$

$$\text{Female Fertility Index (\%)} = \frac{\text{Number of females for which mating confirmed}}{\text{Number of females paired}} \times 100$$

$$\text{Female Fecundity Index (\%)} = \frac{\text{Number of females pregnant}}{\text{Number of females sperm positive}} \times 100$$

$$\text{Gestational Index (\%)} = \frac{\text{Number of females with live litters}}{\text{Number of females pregnant}} \times 100$$

TABLE 75 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F2A

		DAY 0	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11
SURVIVORS	0 MG/KG/DAY	402	384	380	378	376	256	256	256	256	256	256	256
	50 MG/KG/DAY	297	284	284	282	279	193	193	193	193	193	193	193
	160 MG/KG/DAY	306	300	298	298	298	195	194	194	194	194	193	193
	500 MG/KG/DAY	151	76	62	54	51	45	45	45	44	44	43	43
GENERAL OBSERVATION													
NO OBSERVABLE ABNORMALITIES													
	0 MG/KG/DAY	401	382	377	375	373	254	254	254	253	253	253	254
	50 MG/KG/DAY	291	280	281	280	276	192	191	191	191	191	192	191
	160 MG/KG/DAY	304	298	297	297	297	195	194	193	193	194	192	191
	500 MG/KG/DAY	150	76	62	54	50	44	44	44	43	43	42	43
WITHOUT MILK													
	0 MG/KG/DAY	37	0	1	1	6	0	0	0	0	0	0	0
	50 MG/KG/DAY	15	0	2	4	1	0	0	0	0	0	0	0
	160 MG/KG/DAY	15	1	0	0	3	0	0	0	0	0	0	0
	500 MG/KG/DAY	85	11	10	1	0	0	0	0	0	0	0	0
FOUND DEAD													
	0 MG/KG/DAY	13	3	1	1	2	0	0	0	0	0	0	0
	50 MG/KG/DAY	8	3	0	1	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	7	3	0	0	0	1	0	0	0	0	0	0
	500 MG/KG/DAY	35	11	4	6	1	0	0	0	0	0	0	0
CANNIBALIZED/PARTIALLY CANNIBALIZED(INCLUDED IN FOUND DEAD TOTALS)													
	0 MG/KG/DAY	1	0	0	1	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	1	0	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	6	5	1	0	1	0	0	0	0	0	0	0
MISSING/PRESUMED CANNIBALIZED													
	0 MG/KG/DAY	2	10	3	1	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	8	0	2	3	0	0	0	0	0	0	0
	160 MG/KG/DAY	2	1	2	0	0	0	0	0	0	0	1	0
	500 MG/KG/DAY	0	38	9	2	2	0	0	0	1	0	1	0

TABLE 75 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F2A (CONT.)

	DAY 0	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11
APPEARANCE												
APPARENT UMBILICAL HERNIA												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	1
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
TAIL: TRUNCATED												
0 MG/KG/DAY	0	0	2	2	2	2	2	2	2	2	2	2
50 MG/KG/DAY	0	0	0	0	1	1	1	1	1	1	1	1
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION (LOCALIZED)												
0 MG/KG/DAY	1	2	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	[illegible]	
TAIL MISSING												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0		0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	1	0	0	0	0	0	0	0	0	0	0	0
THIN HAIR COAT												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	1	1
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
MISSING DIGIT												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	1	1	1	1	1	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
MISSING BOTH HIND LEGS AND TAIL												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	1	1	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
LACERATION												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	6	4	2	1	1	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 75 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F2A (CONT.)

		DAY 12	DAY 13	DAY 14	DAY 15	DAY 16	DAY 17	DAY 18	DAY 19	DAY 20	DAY 21
SURVIVORS	0 MG/KG/DAY	256	256	256	256	256	256	256	256	256	256
	50 MG/KG/DAY	193	193	193	193	193	193	193	193	193	193
	160 MG/KG/DAY	193	193	193	193	193	193	193	193	193	193
	500 MG/KG/DAY	43	43	43	43	43	43	43	43	43	43
GENERAL OBSERVATION											
NO OBSERVABLE ABNORMALITIES											
	0 MG/KG/DAY	253	253	253	253	253	253	253	253	253	253
	50 MG/KG/DAY	191	190	191	191	191	191	191	191	191	192
	160 MG/KG/DAY	191	192	193	183	183	183	193	193	193	193
	500 MG/KG/DAY	43	43	43	43	43	43	43	43	43	43
*WITHOUT MILK											
	0 MG/KG/DAY	0	0	-	-	-	-	-	-	-	-
	50 MG/KG/DAY	0	0	-	-	-	-	-	-	-	-
	160 MG/KG/DAY	0	0	-	-	-	-	-	-	-	-
	500 MG/KG/DAY	1	1	-	-	-	-	-	-	-	-
APPEARANCE											
THIN HAIR COAT											
	0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	1	1	0	10	10	10	0	0	0	0
	500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
TAIL: TRUNCATED											
	0 MG/KG/DAY	2	2	2	2	2	2	2	2	2	2
	50 MG/KG/DAY	1	1	1	1	1	1	1	1	1	1
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
APPARENT UMBILICAL HERNIA											
	0 MG/KG/DAY	1	1	1	1	1	1	1	1	1	1
	50 MG/KG/DAY	1	1	1	1	1	1	1	1	1	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0

*OBSERVATIONS FOR MILK NORMALLY DISCONTINUED AFTER DAY 13 DUE TO THE PRESENCE OF A HAIR COAT

TABLE 76 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F2B

		DAY 0	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11
SURVIVORS	0 MG/KG/DAY	372	350	336	332	331	227	227	227	227	226	226	225
	50 MG/KG/DAY	277	269	267	264	264	182	182	182	182	182	182	182
	160 MG/KG/DAY	256	251	251	250	250	162	162	162	162	162	162	162
	500 MG/KG/DAY	81	32	17	13	13	10	10	10	10	10	10	10
GENERAL OBSERVATION													
NO OBSERVABLE ABNORMALITIES													
	0 MG/KG/DAY	371	350	336	332	331	227	227	225	223	222	221	221
	50 MG/KG/DAY	276	269	267	264	263	182	182	181	181	181	181	181
	160 MG/KG/DAY	255	250	250	249	247	162	162	162	162	162	162	162
	500 MG/KG/DAY	80	31	16	13	13	10	10	10	10	10	10	10
WITHOUT MILK													
	0 MG/KG/DAY	36	18	0	1	1	0	2	1	1	1	1	0
	50 MG/KG/DAY	5	1	0	0	0	0	0	0	1	0	0	0
	160 MG/KG/DAY	0	0	0	0	1	0	0	0	0	0	0	0
	500 MG/KG/DAY	30	15	2	0	0	0	0	0	0	0	0	0
FOUND DEAD													
	0 MG/KG/DAY	9	13	6	1	1	0	0	0	0	0	0	0
	50 MG/KG/DAY	9	4	1	0	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	1	2	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	23	26	3	0	0	0	0	0	0	0	0	0
CANNIBALIZED/PARTIALLY CANNIBALIZED(INCLUDED IN FOUND DEAD TOTALS)													
	0 MG/KG/DAY	0	1	0	0	0	0	0	0	0	0	0	0
	50 MG/KG/DAY	0	1	0	1	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
	500 MG/KG/DAY	0	5	3	0	0	0	0	0	0	0	0	0
MISSING/PRESUMED CANNIBALIZED													
	0 MG/KG/DAY	0	9	7	3	0	2	0	0	0	1	0	1
	50 MG/KG/DAY	0	3	1	2	0	0	0	0	0	0	0	0
	160 MG/KG/DAY	1	3	0	1	0	1	0	0	0	0	0	0
	500 MG/KG/DAY	3	20	6	2	0	0	0	0	0	0	0	0

TABLE 76 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F2B (CONT.)

	DAY 0	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11
APPEARANCE												
RAISED AREA												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	1	1	1	1
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
APPARENT UMBILICAL HERNIA												
0 MG/KG/DAY	0	0	0	0	0	0	0	1	2	2	2	2
50 MG/KG/DAY	0	0	0	0	1	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
TAIL: TRUNCATED												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	1	0	0	0	0	0	0	1	1	1	1	1
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
NO TAIL												
0 MG/KG/DAY	1	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
ANAL ATRESIA												
0 MG/KG/DAY	1	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
LACERATION												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	1	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	1	0	0	0	0	0	0	0	0	0	0	0
ACTIVITY												
LETHARGIC												
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	1	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 76 - INCIDENCE OF SELECTED OFFSPRING OBSERVATIONS - F2B (CONT.)

	DAY 12	DAY 13	DAY 14	DAY 15	DAY 16	DAY 17	DAY 18	DAY 19	DAY 20	DAY 21
SURVIVORS										
0 MG/KG/DAY	225	225	225	225	225	225	225	225	225	225
50 MG/KG/DAY	182	182	182	182	182	182	182	182	182	182
160 MG/KG/DAY	162	162	162	162	162	162	162	162	162	162
500 MG/KG/DAY	10	10	10	10	10	10	10	10	10	10
GENERAL OBSERVATION										
NO OBSERVABLE ABNORMALITIES										
0 MG/KG/DAY	222	223	223	223	223	223	223	223	223	223
50 MG/KG/DAY	181	181	181	181	181	181	181	181	181	181
160 MG/KG/DAY	162	162	158	158	158	158	158	158	158	158
500 MG/KG/DAY	10	10	10	10	10	10	10	10	10	10
APPEARANCE										
RAISED AREA										
0 MG/KG/DAY	1	1	1	1	1	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
APPARENT UMBILICAL HERNIA										
0 MG/KG/DAY	2	1	1	1	1	1	1	1	1	1
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	1	1	1	1	1	1	1	1
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
TAIL SWOLLEN										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	0	1	1	1	1	1	1	1
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
TAIL: NECROTIC										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	2	2	2	2	2	1	1	1
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
TAIL: TRUNCATED										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	1	1	1	1	1	1	1	1	1	1
160 MG/KG/DAY	0	0	0	0	0	0	0	1	2	1
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
LACERATION										
0 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
50 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0
160 MG/KG/DAY	0	0	1	0	0	0	0	0	0	0
500 MG/KG/DAY	0	0	0	0	0	0	0	0	0	0

TABLE 77 - SUMMARY OF OFFSPRING SURVIVAL - F2A

DOSE (MG/KG)	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
0	97.6	93.5	100.0	100.0	100.0	100.0
50	97.4	93.9	100.0	100.0	100.0	100.0
160	97.8	97.4	99.5	99.5	100.0	99.0
500	92.6	33.8	100.0	95.6	100.0	95.6

INDICES:

Live Birth Index = $\frac{\text{Number of live pups at birth}}{\text{Number of pups born}} \times 100$

Day 4 survival Index = $\frac{\text{Number of live pups at day 4 (precull)}}{\text{Number of live pups at birth}} \times 100$

Day 7 survival Index = $\frac{\text{Number of live pups at day 7}}{\text{Number of live pups at day 4 (postcull)}} \times 100$

Day 14 survival Index = $\frac{\text{Number of live pups at day 14}}{\text{Number of live pups at day 7}} \times 100$

Day 21 survival Index = $\frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 14}} \times 100$

Lactation Index = $\frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 4 (postcull)}} \times 100$

TABLE 78 - SUMMARY OF OFFSPRING SURVIVAL - F2B

DOSE (MG/KG)	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
0	97.6	94.6	99.4	99.1	100.0	98.3
50	96.5	98.1	100.0	100.0	100.0	100.0
160	98.8	99.6	99.4	100.0	100.0	99.4
500	81.8	40.6	100.0	100.0	100.0	100.0

INDICES:

$$\text{Live Birth Index} = \frac{\text{Number of live pups at birth}}{\text{Number of pups born}} \times 100$$

$$\text{Day 4 survival Index} = \frac{\text{Number of live pups at day 4 (precull)}}{\text{Number of live pups at birth}} \times 100$$

$$\text{Day 7 survival Index} = \frac{\text{Number of live pups at day 7}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

$$\text{Day 14 survival Index} = \frac{\text{Number of live pups at day 14}}{\text{Number of live pups at day 7}} \times 100$$

$$\text{Day 21 survival Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 14}} \times 100$$

$$\text{Lactation Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

TABLE 79 - MEAN OFFSPRING BODY WEIGHTS - F2A
(GRAMS)
DAY 0

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	200	6.35	0.60
50	152	6.35	0.94
160	142	6.34	0.74
500	74	5.31	0.52
FEMALES:			
0	202	6.09	0.59
50	145	6.05	0.76
160	162	5.88	0.57
500	77	5.04	0.63

N = NUMBER OF FETUSES

TABLE 79 - MEAN OFFSPRING BODY WEIGHTS - F2A CONT.
(GRAMS)
DAY 1

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	189	6.68	0.70
50	148	6.81	1.09
160	142	6.67	0.90
500	36	5.49	0.56
FEMALES:			
0	195	6.46	0.74
50	136	6.52	0.93
160	157	6.23	0.80
500	40	5.22	0.71

N = NUMBER OF FETUSES

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TABLE 79 - MEAN OFFSPRING BODY WEIGHTS - F2A CONT.
(GRAMS)
DAY 4

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	185	9.27	1.17
50	145	9.69	1.67
160	142	9.37	1.65
500	26	6.91	1.07
FEMALES:			
0	190	9.00	1.26
50	133	9.07	1.44
160	154	8.89	1.37
500	25	6.91	0.98

N = NUMBER OF FETUSES

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TABLE 79 - MEAN OFFSPRING BODY WEIGHTS - F2A CONT.
(GRAMS)
DAY 7

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	130	14.64	2.00
50	101	14.81	2.75
160	96	14.81	2.34
500	22	9.20	1.98
FE[illegible]ES:			
[illegible]	127	14.78	6.44
[illegible]	92	13.60	2.80
160	98	14.15	2.33
500	23	9.92	1.94

N = NUMBER OF FETUSES

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TABLE 79 - MEAN OFFSPRING BODY WEIGHTS - F2A CONT.
(GRAMS)
DAY 14

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	130	29.46	3.24
50	101	29.97	4.53
160	95	30.20	3.69
500	20	19.17	4.78
FEMALES:			
0	126	28.76	3.08
50	92	27.92	4.53
160	98	29.02	3.61
500	23	20.13	5.64

N = NUMBER OF FETUSES

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TABLE 79 - MEAN OFFSPRING BODY WEIGHTS - F2A CONT.
(GRAMS)
DAY 21

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	130	46.44	7.00
50	101	48.88	7.66
160	95	47.83	6.23
500	20	31.79	7.12
FEMALES:			
0	126	44.90	6.49
50	92	45.33	7.96
160	99	46.22	5.73
500	23	32.15	7.64

N = NUMBER OF FETUSES

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TABLE 80 - MEAN OFFSPRING BODY WEIGHTS (GRAMS) - F2B
(GRAMS)
DAY 0

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	169	6.46	0.87
50	149	6.57	0.71
160	139	6.37	0.67
500	43	5.05	0.55
FEMALES:			
0	203	5.96	0.78
50	128	6.21	0.62
160	117	6.05	0.66
500	38	4.82	0.46

N = NUMBER OF FETUSES

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TABLE 80 - MEAN OFFSPRING BODY WEIGHTS (GRAMS) - F2B CONT.
(GRAMS)
DAY 1

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	161	6.79	1.01
50	144	7.01	0.69
160	136	6.70	0.77
500	16	5.05	0.57
FEMALES:			
0	189	6.30	0.96
50	114	6.60	0.80
160	115	6.42	0.77
500	16	4.74	0.53

N = NUMBER OF FETUSES

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TABLE 80 - MEAN OFFSPRING BODY WEIGHTS (GRAMS) - F2B CONT.
(GRAMS)
DAY 4

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	154	9.10	1.83
50	148	9.63	1.39
160	136	9.09	1.69
500	7	7.48	0.30
FEMALES:			
0	177	8.45	1.68
50	116	9.08	1.41
160	114	8.74	1.49
500	6	6.79	0.97

N = NUMBER OF FETUSES

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TABLE 80 - MEAN OFFSPRING BODY WEIGHTS (GRAMS) - F2B CONT.
(GRAMS)
DAY 7

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	115	14.30	3.40
50	94	14.80	2.68
160	84	14.23	3.05
500	5	9.62	0.62
FEMALES:			
0	112	13.35	3.17
50	88	14.09	2.74
160	78	13.55	2.95
500	5	9.08	1.36

N = NUMBER OF FETUSES

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TABLE 80 - MEAN OFFSPRING BODY WEIGHTS (GRAMS) - F2B CONT.
(GRAMS)
DAY 14

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	113	28.98	5.18
50	94	30.19	4.20
160	84	29.16	4.71
500	5	20.90	1.46
FEMALES:			
0	112	27.22	5.32
50	88	28.84	4.69
160	78	27.93	4.61
500	5	19.79	1.81

N = NUMBER OF FETUSES

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TABLE 80 - MEAN OFFSPRING BODY WEIGHTS (GRAMS) - F2B CONT.
(GRAMS)
DAY 21

DOSE (MG/KG)	N	MEAN	STANDARD DEVIATION
MALES:			
0	113	46.18	8.32
50	94	48.06	6.00
160	84	45.57	7.35
500	5	32.71	2.21
FEMALES:			
0	112	42.45	8.15
50	88	45.41	6.74
160	78	42.94	6.96
500	5	31.33	3.19

N = NUMBER OF FETUSES

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TABLE 81 - OFFSPRING NECROPSY OBSERVATIONS - F2A

UNSCHEDULED DEATHS

0 MG/KG

DAM'S P.I.N.: JAB254

PUP A - Male: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: (Lungs): Filled with air.

DAM'S P.I.N.: JAB100

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Right ureter): Moderately convoluted; No milk present.

DAM'S P.I.N.: JAB260

PUP A - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; Milk present.

DAM'S P.I.N.: JAB101

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N.: JAB252

PUP A - Male: Spontaneous death on postnatal Day 4

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

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PUP B - Male: Spontaneous death on postnatal Day 4

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N.: JAB028

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Slight postmortem changes; Lungs not inflated - apparent stillborn; Ductus arteriosus not patent.

PUP B - Female: Spontaneous death on postnatal Day 4

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP C - Male: Spontaneous death on postnatal Day 4

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.

DAM'S P.I.N.: JAB124

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

PUP B - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

PUP C - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Both kidneys): Renal pelvises moderately dilated; (Left ureter): Slightly convoluted; Slight postmortem changes;
No milk present.

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PUP D - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP E - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Right kidney): Slightly dilated renal pelvis; Slight
postmortem changes; Milk present.

PUP F - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Both kidneys): Moderately dilated renal pelvis;
(Both ureters): Slightly convoluted; Slight postmortem changes;
No milk present.

PUP G - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes;
No milk present.

PUP H - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Both kidneys): Extremely dilated renal pelvis;
(Both ureters): Slightly convoluted; Slight postmortem changes;
No milk present.

DAM'S P.I.N.: JAB246

PUP A - Male: Spontaneous death on Day 23G

EXTERNAL: No observable abnormalities.
INTERNAL: Apparent stillborn, lungs not inflated;
No milk present.

DAM'S P.I.N.: JAB098

PUP A - Male: Spontaneous death on postnatal Day 2

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

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50 MG/KG

DAM'S P.I.N.: JAB029

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP B - Female: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
Milk present.

DAM'S P.I.N.: JAB279

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Both ureters): Slightly convoluted;
No milk present.

PUP B - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Both ureters): Slightly convoluted;
No milk present.

DAM'S P.I.N.: JAB104

PUP A - Female: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No air in lungs.

DAM'S P.I.N.: JAB282

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

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DAM'S P.I.N.: JAB285

PUP A - Female: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N.: JAB035

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N.: JAB292

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N.: JAB037

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Right ureter): Moderately distended and convoluted;
Lungs not inflated - apparent stillborn;
Ductus arteriosus not patent; Moderate postmortem changes;
No milk present.

DAM'S P.I.N.: JAB278

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be determined; Too autolyzed to be examined.

PUP B - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.

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PUP C - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.

DAM'S P.I.N.: JAB281

PUP A - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.

160 MG/KG

DAM'S P.I.N.: JAB038

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

DAM'S P.I.N.: JAB305

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N.: JAB113

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

DAM'S P.I.N.: JAB322

PUP A - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.

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DAM'S P.I.N.: JAB313

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N.: JAB310

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N.: JAB040

PUP A - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
Milk present.

DAM'S P.I.N.: JAB309

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N.: JAB112

PUP A - Male: Spontaneous death on postnatal Day 5

EXTERNAL: No observable abnormalities.
INTERNAL: (Both kidneys): Extremely dilated renal pelvis; (Right ureter): Slightly convoluted; Milk present.

500 MG/KG

DAM'S P.I.N.: JAB327

PUP A - Female: Partially cannibalized on postnatal Day 1

EXTERNAL: (Both forelegs): Cannibalized.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

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PUP B - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

PUP C - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP D - Female: Spontaneous death on postnatal Day 2

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.

DAM'S P.I.N.: JAB041

PUP A - Female: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No air in lungs.

PUP B - Male: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No air in lungs.

PUP C - Female: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No air in lungs.

PUP D - Male: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No air in lungs.

PUP E - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

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PUP F - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP G - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP H - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP I - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.

PUP J - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP K - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP L - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N.: JAB050

PUP A - Female: Spontaneous death on postnatal Day 2

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes;
No milk present.

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PUP B - Male: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.

PUP C - Male: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.

PUP D - Female: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP E - Female: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP F - Male: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.

PUP G - Male: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.

DAM'S P.I.N.: JAB336

PUP A - Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be determined; Too autolyzed to be examined.

PUP B - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes;
No milk present.

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DAM'S P.I.N.: JAB330

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

DAM'S P.I.N.: JAB328

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.

PUP C - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes.

PUP D - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP E - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

DAM'S P.I.N.: JAB134

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP C - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to examine.

PUP D - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to examine.

PUP E - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP F - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP G - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP H - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes;
No milk present.

PUP I - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

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PUP J - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

DAM'S P.I.N.: JAB341

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.

PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: (Bladder): Slightly distended; No milk present.

PUP C - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP D - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP E - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.

PUP F - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes;
No milk present.

PUP G - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.

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PUP H - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP I - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

TERMINAL EUTHANASIA (MALES)

0 MG/KG

DAM'S P.I.N.: JAB097

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 42.5 grams.

DAM'S P.I.N.: JAB266

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 44.5 grams.

DAM'S P.I.N.: JAB269

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 44.8 grams.

DAM'S P.I.N.: JAB252

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 41.4 grams.

DAM'S P.I.N.: JAB028

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 29.1 grams.

DAM'S P.I.N.: JAB255

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 46.5 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

DAM'S P.I.N.: JAB267

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 47.7 grams.

DAM'S P.I.N.: JAB098

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 36.5 grams.

DAM'S P.I.N.: JAB249

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 46.8 grams.

DAM'S P.I.N.: JAB253

GENERAL CONDITION: Apparent umbilical hernia.
TERMINAL BODY WEIGHT: 36.3 grams.

50 MG/KG

DAM'S P.I.N.: JAB279

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 41.9 grams.

DAM'S P.I.N.: JAB104

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 51.2 grams.

DAM'S P.I.N.: JAB282

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 52.0 grams.

DAM'S P.I.N.: JAB288

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 38.6 grams.

DAM'S P.I.N.: JAB035

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 48.5 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

DAM'S P.I.N.: JAB298

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 53.7 grams.

DAM'S P.I.N.: JAB349

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 48.4 grams.

DAM'S P.I.N.: JAB105

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 50.0 grams.

DAM'S P.I.N.: JAB227

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 51.7 grams.

DAM'S P.I.N.: JAB290

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 47.6 grams.

160 MG/KG

DAM'S P.I.N.: JAB038

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 48.3 grams.

DAM'S P.I.N.: JAB110

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 50.1 grams.

DAM'S P.I.N.: JAB305

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 45.9 grams.

DAM'S P.I.N.: JAB113

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 49.2 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

DAM'S P.I.N.: JAB311

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 37.6 grams.

DAM'S P.I.N.: JAB319

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 45.6 grams.

DAM'S P.I.N.: JAB306

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 45.0 grams.

DAM'S P.I.N.: JAB310

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: Not taken due to technician oversight.

DAM'S P.I.N.: JAB117

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 43.2 grams.

DAM'S P.I.N.: JAB309

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 48.2 grams.

500 MG/KG

DAM'S P.I.N.: JAB325

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 23.6 grams.

DAM'S P.I.N.: JAB325

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 22.5 grams.

DAM'S P.I.N.: JAB135

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 40.5 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

DAM'S P.I.N.: JAB136

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 35.0 grams.

DAM'S P.I.N.: JAB136

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 44.8 grams.

DAM'S P.I.N.: JAB045

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 35.8 grams.

DAM'S P.I.N.: JAB329

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 20.2 grams.

DAM'S P.I.N.: JAB329

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 20.2 grams.

DAM'S P.I.N.: JAB046

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 32.1 grams.

DAM'S P.I.N.: JAB046

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHTS: 32.2 grams.

TERMINAL EUTHANASIA (FEMALES)

0 MG/KG

DAM'S P.I.N.: JAB026

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 48.9 grams.

DAM'S P.I.N.: JAB254

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 31.3 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

DAM'S P.I.N.: JAB257

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 44.8 grams.

DAM'S P.I.N.: JAB266

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 48.4 grams.

DAM'S P.I.N.: JAB101

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 49.7 grams.

DAM'S P.I.N.: JAB264

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 42.3 grams.

DAM'S P.I.N.: JAB267

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 51.1 grams.

DAM'S P.I.N.: JAB102

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 52.4 grams.

DAM'S P.I.N.: JAB098

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 38.7 grams.

DAM'S P.I.N.: JAB249

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 44.7 grams.

50 MG/KG

DAM'S P.I.N.: JAB279

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 42.9 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

DAM'S P.I.N.: JAB104

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 52.7 grams.

DAM'S P.I.N.: JAB282

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 43.5 grams.

DAM'S P.I.N.: JAB285

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 44.1 grams.

DAM'S P.I.N.: JAB347

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 44.3 grams.

DAM'S P.I.N.: JAB348

TAIL: 5 percent truncated.
TERMINAL BODY WEIGHT: 36.0 grams.

DAM'S P.I.N.: JAB293

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 58.6 grams.

DAM'S P.I.N.: JAB227

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 42.8 grams.

DAM'S P.I.N.: JAB281

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 64.2 grams.

160 MG/KG

DAM'S P.I.N.: JAB305

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 43.4 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

DAM'S P.I.N.: JAB319

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 40.9 grams.

DAM'S P.I.N.: JAB322

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 39.1 grams.

DAM'S P.I.N.: JAB320

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 52.5 grams.

DAM'S P.I.N.: JAB306

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 43.5 grams.

DAM'S P.I.N.: JAB323

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 43.4 grams.

DAM'S P.I.N.: JAB117

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 47.0 grams.

DAM'S P.I.N.: JAB309

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 46.8 grams.

DAM'S P.I.N.: JAB039

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 36.2 grams.

DAM'S P.I.N.: JAB112

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 52.5 grams.

DRAFT
SUBJECTED TO

500 MG/KG

DAM'S P.I.N.: JAB135

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 40.5 grams.

DAM'S P.I.N.: JAB135

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 40.2 grams.

DAM'S P.I.N.: JAB136

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 44.9 grams.

DAM'S P.I.N.: JAB045

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 30.7 grams.

DAM'S P.I.N.: JAB045

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 30.8 grams.

DAM'S P.I.N.: JAB329

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 24.[illegible] grams.

DAM'S P.I.N.: JAB329

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 23.1 grams.

DAM'S P.I.N.: JAB046

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 30.4 grams.

DAM'S P.I.N.: JAB046

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 28.3 grams.

DAM'S P.I.N.: JAB046

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 32.3 grams.

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TABLE 82 - OFFSPRING NECROPSY OBSERVATIONS - F2B

UNSCHEDULED DEATHS

0 MG/KG

DAM'S P.I.N.: JAB245

PUP A - Spontaneous death on postnatal Day 0

EXTERNAL AND INTERNAL: Sex and observations not determined due to degree of cannibalization.

PUP B - Spontaneous death on postnatal Day 0

EXTERNAL AND INTERNAL: Sex and observations not determined due to degree of cannibalization.

PUP C - Spontaneous death on postnatal Day 0

EXTERNAL AND INTERNAL: Sex and observations not determined due to degree of cannibalization.

PUP D - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

PUP E - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

PUP F - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Autolysis present, sex could not be confirmed.

PUP G - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

PUP H - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Autolysis present, sex could not be confirmed.

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PUP I - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Autolysis present, sex could not be confirmed.

PUP J - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.

PUP K - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Extreme postmortem changes; No milk present.

PUP L - Male: Spontaneous death on postnatal Day 2

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

DAM'S P.I.N. JAB257

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

PUP B - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.

PUP C - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP D - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

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PUP E - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP F - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; Milk present.

DAM'S P.I.N. JAB252

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; Milk present.

DAM'S P.I.N. JAB028

PUP A - Female: Spontaneous death on postnatal Day ?

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to examine.

PUP B - Female: Spontaneous death on postnatal Day 3

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to examine.

DAM'S P.I.N. JAB262

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; Milk present.

PUP B - Male: Spontaneous death on postnatal Day 2

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.

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PUP C - Female: Spontaneous death on postnatal Day 2

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; Milk present.

DAM'S P.I.N. JAB102

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; Milk present.

DAM'S P.I.N. JAB098

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; Milk present.

PUP B - Female: Spontaneous death on postnatal Day 4

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

DAM'S P.I.N. JAB253

PUP A - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: (Right kidney): Moderately dilated renal pelvis; (Urinary bladder): Moderately distended with clear liquid; Slight postmortem changes.

PUP B - Female: Spontaneous death on postnatal Day 2

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.

PUP C - Male: Spontaneous death on postnatal Day 2

EXTERNAL: No observable abnormalities.
INTERNAL: (Right kidney): Moderately dilated renal pelvis; Slight postmortem changes; No milk present.

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50 MG/KG

DAM'S P.I.N. JAB104

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No air apparent in lungs, ductus arteriosus not patent, apparent stillborn; Slight postmortem changes; No milk present.

PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No air apparent in lungs, ductus arteriosus not patent, apparent stillborn; Slight postmortem changes; No milk present.

PUP C - Male: Spont neous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No air apparent in lungs, ductus arteriosus not patent, apparent stillborn; Slight postmortem changes; No milk present.

PUP D - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No air apparent in lungs, ductus arteriosus not patent, apparent stillborn; Slight postmortem changes; No milk present.

PUP E - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No air apparent in lungs, ductus arteriosus not patent, apparent stillborn; Slight postmortem changes; No milk present.

PUP F - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No air apparent in lungs, ductus arteriosus not patent, apparent stillborn; Slight postmortem changes; No milk present.

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PUP G - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No air apparent in lungs, ductus arteriosus not patent, apparent stillborn; Slight postmortem changes; No milk present.

DAM'S P.I.N. JAB292

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N. JAB293

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

DAM'S P.I.N. JAB037

PUP A - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP B - Male: Spontaneous death on postnatal Day 2

EXTERNAL: No observable abnormalities.
INTERNAL: Too autolyzed to be examined.

DAM'S P.I.N. JAB289

PUP A - Female: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: No air apparent in lungs, ductus arteriosus not patent, apparent stillborn; No milk present.

PUP B - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

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PUP C - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N. JAB290

PUP A - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; Milk present.

160 MG/KG

DAM'S P.I.N. JAB030

PUP A - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

DAM'S P.I.N. JAB110

PUP A - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; Milk present.

DAM'S P.I.N. JAB121

PUP A - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; Milk present.

DAM'S P.I.N. JAB040

PUP A - Male: Spontaneous death on Day 22G

EXTERNAL: No observable abnormalities.
INTERNAL: No air apparent in lungs, ductus arteriosus not patent,
apparent stillborn; No milk present.

500 MG/KG

DAM'S P.I.N. JAB327

PUP A - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP B - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP C - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP D - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP E - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP F - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP G - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

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PUP H - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP I - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP J - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

DAM'S P.I.N. JAB336

PUP A - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

DAM'S P.I.N. JAB339

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

PUP C - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

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PUP D - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; No observable abnormalities; Extreme postmortem changes.

PUP E - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP F - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

PUP G - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP H - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

PUP I - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP J - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

PUP K - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

PUP L - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

PUP M - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

DAM'S P.I.N. JAB329

PUP A - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

PUP B - Female: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Extreme postmortem changes; No milk present.

PUP C - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

PUP D - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

PUP E - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

PUP F - Male: Spontaneous death on postnatal Day 2

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.

DAM'S P.I.N. JAB330

PUP A - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; Milk present.

PUP B - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; Milk present.

PUP C - Female: Spontaneous death on postnatal Day 1

EXTERNAL: (Left foreleg): Partially cannibalized.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N. JAB337

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: Tail truncated (partially cannibalized) approximately 50 percent.
INTERNAL: No observable abnormalities; Slight postmortem changes; Milk present.

PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Milk present.

PUP C - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.

PUP D - Male: Spontaneous death on postnatal Day 0

EXTERNAL: (Right hindleg and tail): Missing/partially cannibalized.
INTERNAL: No observable abnormalities; Milk present.

PUP E - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; No milk present.

PUP F - Female: Spontaneous death on postnatal Day 1

EXTERNAL: (Tail): Cannibalized.
INTERNAL: Sex could not be determined; Too autolyzed to be examined.

DAM'S P.I.N. JAB328

PUP A - Male: Spontaneous death on postnatal Day 1

EXTERNAL: No observable abnormalities.
INTERNAL: Sex could not be confirmed; Too autolyzed to be examined.

DAM'S P.I.N. JAB134

PUP A - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

PUP B - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

PUP C - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

PUP D - Male: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Moderate postmortem changes; No milk present.

PUP E - Female: Spontaneous death on postnatal Day 0

EXTERNAL: No observable abnormalities.
INTERNAL: No observable abnormalities; Slight postmortem changes; No milk present.

DRAFT
NOT SUBJECTED TO
QA AUDIT

TERMINAL EUTHANASIA (MALES)

0 MG/KG

DAM'S P.I.N. JAB248

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 56 grams.

DAM'S P.I.N. JAB251

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 66 grams.

DAM'S P.I.N. JAB254

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 75 grams.

DAM'S P.I.N. JAB100

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 49 grams.

DAM'S P.I.N. JAB266

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 61 grams.

DAM'S P.I.N. JAB252

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 37 grams.

DAM'S P.I.N. JAB028

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 45 grams.

DAM'S P.I.N. JAB275

ABDOMINAL WALL: Raised area, approximately 1.0 cm in diameter, approximately 0.4 cm raised, apparent umbilical hernia.
TERMINAL BODY WEIGHT: 41 grams.

DAM'S P.I.N. JAB264

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 61.4 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

DAM'S P.I.N. JAB256

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 42 grams.

DAM'S P.I.N. JAB249

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 35 grams.

50 MG/KG

DAM'S P.I.N. JAB032

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 46 grams.

DAM'S P.I.N. JAB288

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 61 grams.

DAM'S P.I.N. JAB107

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 71 grams.

DAM'S P.I.N. JAB292

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 83 grams.

DAM'S P.I.N. JAB295

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 73 grams.

DAM'S P.I.N. JAB347

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 55 grams.

DAM'S P.I.N. JAB278

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 41 grams.

DRAFT
NOT SUBJECTED TO

DAM'S P.I.N. JAB289

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 63 grams.

DAM'S P.I.N. JAB297

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 66 grams.

DAM'S P.I.N. JAB290

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 51 grams.

160 MG/KG

DAM'S P.I.N. JAB302

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 49 grams.

DAM'S P.I.N. JAB113

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 54 grams.

DAM'S P.I.N. JAB116

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 88 grams.

DAM'S P.I.N. JAB308

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: Not taken due to technician oversight.

DAM'S P.I.N. JAB311

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 31 grams.

DAM'S P.I.N. JAB121

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 46 grams.

DRAFT
NOT SUBJECTED TO
QUALITY

DAM'S P.I.N. JAB127

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 55 grams.

DAM'S P.I.N. JAB130

TAIL: Slightly swollen area approximately 0.1 cm from base.
TERMINAL BODY WEIGHT: 33 grams.

DAM'S P.I.N. JAB320

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 58 grams.

DAM'S P.I.N. JAB309

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 52.1 grams.

DAM'S P.I.N. JAB039

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 51 grams.

500 MG/KG

DAM'S P.I.N. JAB045

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 37.8 grams.

TERMINAL EUTHANASIA (FEMALES)

0 MG/KG

DAM'S P.I.N. JAB026

KIDNEY (Right): Moderately dilated renal pelvis.
TERMINAL BODY WEIGHT: 61 grams.

DAM'S P.I.N. JAB097

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 52 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

DAM'S P.I.N. JAB254

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 68 grams.

DAM'S P.I.N. JAB100

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 36 grams.

DAM'S P.I.N. JAB266

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 59 grams.

DAM'S P.I.N. JAB270

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 69 grams.

DAM'S P.I.N. JAB252

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 37 grams.

DAM'S P.I.N. JAB275

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 48 grams.

DAM'S P.I.N. JAB262

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 50 grams.

DAM'S P.I.N. JAB256

EYE (Left): Extremely smaller than normal and misshapen.
TERMINAL BODY WEIGHT: 35 grams.

DAM'S P.I.N. JAB098

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 70 grams.

DRAFT
NOT SUBJECTED TO
Q.A. AUDIT

50 MG/KG

DAM'S P.I.N. JAB032

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 46 grams.

DAM'S P.I.N. JAB032

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 38.9 grams.

DAM'S P.I.N. JAB279

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 46 grams.

DAM'S P.I.N. JAB035

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 75 grams.

DAM'S P.I.N. JAB107

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 65 grams.

DAM'S P.I.N. JAB348

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 55 grams.

DAM'S P.I.N. JAB293

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 74 grams.

DAM'S P.I.N. JAB037

KIDNEYS (Both): Moderately dilated renal pelvis.
TERMINAL BODY WEIGHT: 59.8 grams.

DAM'S P.I.N. JAB278

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 35 grams.

DAM'S P.I.N. JAB289

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 57 grams.

DRAFT
NOT SUBMITTED TO
QUALITY

DAM'S P.I.N. JAB297

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 61 grams.

160 MG/KG

DAM'S P.I.N. JAB038

ABDOMINAL WALL: Raised area, approximately 0.8 cm in diameter, raised approximately 0.3 cm, apparent umbilical hernia.
TERMINAL BODY WEIGHT: 49 grams.

DAM'S P.I.N. JAB110

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 62 grams.

DAM'S P.I.N. JAB116

KIDNEY (Right): Moderately dilated renal pelvis.
TERMINAL BODY WEIGHT: 76 grams.

DAM'S P.I.N. JAB308

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 55 grams.

DAM'S P.I.N. JAB311

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 35 grams.

DAM'S P.I.N. JAB121

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 45 grams.

DAM'S P.I.N. JAB130

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 45 grams.

DAM'S P.I.N. JAB320

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 50 grams.

DRAFT
NOT SUBJECTED TO
QA AUDIT

DAM'S P.I.N. JAB313

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 67 grams.

DAM'S P.I.N. JAB040

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 43 grams.

DAM'S P.I.N. JAB039

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 49 grams.

500 MG/KG

DAM'S P.I.N. JAB045

ALL TISSUES AND ORGANS: No observable abnormalities.
TERMINAL BODY WEIGHT: 33.2 grams.

DRAFT
NOT SUBJECT TO
QA AUDIT

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
RCG115M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RCG086M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RCG196M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+	+	+	+	+	+
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA LEFT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
	SCABS LEFT FORE PAW	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
	SCABS RIGHT FORE PAW	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
RCG143M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
RCG140M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+
	SCABS ANTERIOR DORSAL	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
RCG082M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RCG166M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RCG142M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RCG071M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-
RCG160M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RCG074M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	UNTHRIFTY COAT	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA AROUND LEFT EYE SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	MISSING LEFT UPPER INCISOR	-	-	-	-	-	-	+	+	-	+	+	+	+	+	-	-	-
	TEETH CUT	-	-	-	-	-	-	+	-	-	+	-	+	+	-	+	+	+
	SORES PALATE	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	-	+	+	-	-	-	-	+	+	-	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+
	MALOCCLUDED INCISORS	-	-	-	-	-	-	+	+	-	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	+	-	-	-	-	+	+	+	-
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	-	-	-	-	-	-	+	+	-	+	+	+	+	-	-	-	-

[illegible]
NOT SUBMITTED TO
[illegible]

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
HCG127M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+
HCG105M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG169M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+
	SCABS RIGHT FORELEG	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
HCG198M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG133M																		
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	[illegible]	+	+	+	+	+	+	+	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
	ALOPECIA LEFT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
	SCABS RIGHT FORE PAW	-	-	-	+	+	-	+	-	-	-	-	-	-	-	-	-	-
HCG158M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG153M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG084M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG073M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG118M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG089M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA AROUND RIGHT EYE SLIGHT	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+	+
	ALOPECIA AROUND LEFT EYE SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	-
	TEETH CUT	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	+	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	+	+	-	-	-	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE BOTH EYES SLI	-	-	-	-	-	-	+	-	-	+	-	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE BOTH EYES MOD	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
HCG156M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
HCG109M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

DRAFT
NOT SUBMITTED TO
OR APPROVED

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
HCG129M	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG176M	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG093M	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG192M	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG131M	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
ECG099M	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210
HCG115M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG086M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
	MASS LEFT LATERAL THORAX	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
HCG196M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	+	+	+	+	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
HCG143M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+
	TEETH CUT	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
HCG140M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG082M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG166M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG142M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG071M																
	TEETH CUT	-	-	-	-	-	-	+	+	+	+	+	+	+	+	+
	SORES PALATE	-	-	-	-	-	-	+	+	+	-	-	-	-	-	-
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	-	-	+	+	-	-	-	-	-	-
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	+	-	-	-	-	+	+	+	+	+	+
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	+	+	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG160M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG074M																
	MISSING LEFT UPPER INCISOR	-	+	+	+	+	+	+	+	+	-	-	+	+	+	+
	TEETH CUT	+	-	-	-	-	+	+	+	+	+	+	+	+	+	+
	BROKEN LEFT UPPER INCISOR	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	MISSING LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	+	+	+	+	+	+	-	+	+	+	+	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
[illegible]2G127M																
	SWOLLEN BOTH EARS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SWOLLEN BOTH EARS MODERATE	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210
HCG105M																
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	+	+	+	+	+	-	-	-	-	-	-
	SWOLLEN BOTH EARS MODERATE	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+
HCG169M																
	WITHIN NORMAL LIMITS	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+
	ALOPECIA RIGHT FORELEG SLIGHT	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG198M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG133M																
	WITHIN NORMAL LIMITS	+	-	-	-	+	+	+	+	+	+	+	+	+	+	+
	ALOPECIA LEFT FORE PAW SLIGHT	-	+	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG15[illegible]M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG153M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG084M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG073M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG118M																
	WITHIN NORMAL LIMITS	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	BROKEN LEFT UPPER INCISOR	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HCG089M																
	ALOPECIA AROUND RIGHT EYE SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	+	+	+	+	+	-	+	+
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE BOTH EYES SLI	+	+	+	+	+	+	+	+	+	+	-	+	+	+	+
	DRIED RED OCULAR DISCHARGE BOTH EYES MOD	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
HCG156M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG109M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG129M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG178M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG093M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG192M																
	[illegible] NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210
HCG131M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG099M																
	WITHIN NORMAL LIMITS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	SWOLLEN BOTH EARS SLIGHT	+	+	+	+	-	+	+	+	+	-	-	-	-	-	-
	SWOLLEN BOTH EARS MODERATE	-	-	-	-	+	-	-	-	-	+	+	+	+	+	-

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APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 21	DAY 21	DAY 21
		15	16	17
HCG115M				
	WITHIN NORMAL LIMITS	+	-	-
HCG086M				
	MASS LEFT LATERAL THORAX	+	-	-
HCG196M				
	MALOCCLUDED INCISORS	+	-	-
HCG143M				
	WITHIN NORMAL LIMITS	+	-	-
HCG140M				
	WITHIN NORMAL LIMITS	+	-	-
HCG082M				
	WITHIN NORMAL LIMITS	+	-	-
HCG166M				
	WITHIN NORMAL LIMITS	+	-	-
HCG142M				
	WITHIN NORMAL LIMITS	+	-	-
HCG071M				
	BROKEN RIGHT UPPER INCISOR	+	-	-
	MALOCCLUDED INCISORS	+	-	-
HCG160M				
	WITHIN NORMAL LIMITS	+	-	-
HCG074M				
	MISSING LEFT UPPER INCISOR	-	+	-
	TEETH CUT	-	+	-
	MALOCCLUDED INCISORS	-	+	-
HCG127M				
	SWOLLEN BOTH EARS SLIGHT	-	+	-
HCG105M				
	SWOLLEN BOTH EARS MODERATE	-	+	-
HCG169M				
	WITHIN NORMAL LIMITS	-	+	-
HCG198M				
	WITHIN NORMAL LIMITS	-	+	-
HCG133M				
	WITHIN NORMAL LIMITS	-	+	-
HCG158M				
	WITHIN NORMAL LIMITS	-	+	-
HCG153M				
	WITHIN NORMAL LIMITS	-	+	-
HCG084M				
	WITHIN NORMAL LIMITS	-	+	-

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APPENDIX A - INDIVIDUAL SCHEDULED TIME OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY [illegible]E OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 21	DAY 21	DAY 21
		15	16	17
HCG073M				
	WITHIN NORMAL LIMITS	-	+	-
HCG118M				
	WITHIN NORMAL LIMITS	-	+	+
HCG089M				
	BROKEN UPPER INCISOR(S)	-	+	+
	MALOCCLUDED INCISORS	-	+	+
	DRIED RED OCULAR DISCHARGE BOTH EYES SLI	-	+	+
HCG156M				
	WITHIN NORMAL LIMITS	-	+	+
HCG109M				
	WITHIN NORMAL LIMITS	-	+	+
HCG129M				
	WITHIN NORMAL LIMITS	-	+	+
HCG178M				
	WITHIN NORMAL LIMITS	-	+	+
HCG093M				
	WITHIN NORMAL LIMITS	-	+	+
HCG192M				
	WITHIN NORMAL LIMITS	-	+	+
HCG131M				
	WITHIN NORMAL LIMITS	-	+	+
HCG099M				
	WITHIN NORMAL LIMITS	-	+	-
	SWOLLEN BOTH EARS SLIGHT	-	-	+

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APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
HCG171M																		
	WITHIN NORMAL LIMITS	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	ALOPECIA POSTERIOR VENT SLIGHT	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HCG132M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG194M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
HCG081M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG141M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG190M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG098M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG181M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG119M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG189M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG199M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	-	-	-	+	+	-
	ALOPECIA LEFT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	+	-	-	-
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
	SCABS LEFT FORELEG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	SCABS LEFT HINDLEG	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
HCG177M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	+	+	-	-	-	-	-	-	-	-
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+
	MALOCCLUDED INCISORS	-	-	-	-	-	+	+	-	-	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	+	+	+	-	-	-	-	-	-	-	-	-	-
HCG122M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG116M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG188M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	RED NASAL DISCHARGE SLIGHT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA AROUND RIGHT EYE SLIGHT	-	-	-	-	-	-	-	-	-	+	+	+	-	-	-	+	+
	EMACIATED SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	TEETH CUT	-	-	-	-	+	-	+	-	+	+	-	-	-	-	+	+	+
	SORES PALATE	-	-	-	-	+	+	+	-	-	-	-	-	-	-	-	-	-
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+	+	+

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APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	+	+	+	-	-	-	-	-	+	-	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	-	-	-	-	+	-	-	-	-	+	+	+	+	+	-	+	-
	DRIED RED OCULAR DISCHARGE BOTH EYES SLI	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
RCG154M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
RCG164M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
RCG124M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RCG087M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RCG120M																		
	WITHIN NORMAL LIMITS	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RCG137M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
RCG180M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RCG075M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
RCG152M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RCG100M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
RCG088M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
RCG203M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RCG[illegible]46M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RCG193M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
HCG083M	WITHIN NORMAL LIMITS	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-

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APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210
HCG171M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG132M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG194M																
	WITHIN NORMAL LIMITS	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA AROUND RIGHT EYE SLIGHT	-	-	-	-	-	-	-	-	-	+	+	-	+	+	+
	TEETH CUT	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA AROUND RIGHT EYE	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	+	+	-	-	-	-	+	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	-	-	-	-	-	+	+	+	+	-	+	+	+	+	+
HCG081M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG141M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG190M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG098M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG181M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG119M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG189M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG199M																
	WITHIN NORMAL LIMITS	-	-	+	+	+	+	+	-	+	-	-	+	-	-	+
	ALOPECIA LEFT FORELEG SLIGHT	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA LEFT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-
	SCABS LEFT FORE PAW	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
	SWOLLEN RIGHT HINDLEG EXTREME	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
	SWOLLEN RIGHT HIND PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
	SWOLLEN RIGHT HIND PAW EXTREME	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
	ALOPECIA LEFT FORELEG	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HCG177M																
	TEETH CUT	-	-	-	-	-	+	-	+	+	+	+	-	+	-	+
	BROKEN RIGHT UPPER INCISOR	+	+	+	+	+	-	-	+	+	+	+	+	+	+	+
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG122M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210
HCG116M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG188M																
	ALOPECIA AROUND RIGHT EYE SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
	ALOPECIA AROUND LEFT EYE SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
	MISSING UPPER INCISOR(S)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	MISSING LEFT UPPER INCISOR	-	-	-	-	+	+	+	+	+	+	+	+	+	+	-
	EMACIATED SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
	TEETH CUT	-	+	-	-	+	+	+	+	-	+	+	+	+	+	+
	BROKEN UPPER INCISOR(S)	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	BROKEN RIGHT UPPER INCISOR	-	+	+	+	+	+	+	+	+	+	+	+	+	+	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	+	+	-	+	+	-	+	+	+	+	-	+	+	-	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	-	-	+	-	-	-	-	-	-	-	+	-	-	-	-
	DRIED RED OCULAR DISCHARGE BOTH EYES SLI	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
HCG154M																
	WITHIN NORMAL LIMITS	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
HCG164M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG124M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG087M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG120M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG137M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG180M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG075M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG152M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG100M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG098M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG203M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210
HCG146M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG193M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG083M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 21	DAY 21	DAY 21
		15	16	17
RCG171M				
	WITHIN NORMAL LIMITS	+	-	-
RCG132M				
	WITHIN NORMAL LIMITS	+	-	-
RCG194M				
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	+	-	-
RCG081M				
	WITHIN NORMAL LIMITS	+	-	-
RCG141M				
	WITHIN NORMAL LIMITS		-	-
RCG190M				
	WITHIN NORMAL LIMITS	+	-	-
RCG098M				
	WITHIN NORMAL LIMITS	+	-	-
RCG181M				
	WITHIN NORMAL LIMITS	+	-	-
RCG119M				
	WITHIN NORMAL LIMITS	+	-	-
RCG189M				
	WITHIN NORMAL LIMITS	+	-	-
RCG199M				
	SCABS LEFT FORE PAW	-	+	-
RCG177M				
	BROKEN RIGHT UPPER INCISOR	-	+	-
	MALOCCLUDED INCISORS	-	+	-
RCG122M				
	WITHIN NORMAL LIMITS	-	+	-
RCG116M				
	WITHIN NORMAL LIMITS	-	+	-
RCG188M				
	MISSING UPPER INCISOR(S)	-	+	-
	EMACIATED SLIGHT	-	+	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	+	-
RCG154M				
	WITHIN NORMAL LIMITS	-	+	-
RCG164M				
	WITHIN NORMAL LIMITS	-	+	-
RCG124M				
	WITHIN NORMAL LIMITS	-	+	-
RCG087M				
	WITHIN NORMAL LIMITS	-	+	-

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 21	DAY 21	DAY 21
		15	16	17
HCG120M	WITHIN NORMAL LIMITS	-	+	-
HCG137M	WITHIN NORMAL LIMITS	-	+	+
HCG180M	WITHIN NORMAL LIMITS	-	+	+
HCG075M	WITHIN NORMAL LIMITS	-	+	+
HCG152M	WITHIN NORMAL LIMITS	-	+	+
HCG100M	WITHIN NORMAL LIMITS	-	+	+
HCG088M	WITHIN NORMAL LIMITS	-	+	+
HCG203M	WITHIN NORMAL LIMITS	-	+	+
HCG146M	WITHIN NORMAL LIMITS	-	+	+
HCG193M	WITHIN NORMAL LIMITS	-	+	+
HCG083M	WITHIN NORMAL LIMITS	-	+	+

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
HCG145M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG179M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG077M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG165M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG080M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG136M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG125M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG095M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	+	+	+	+	+	+	+	+	+	+
	ALOPECIA LEFT FORE PAW SLIGHT	-	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-
HCG176M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
HCG097M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	+	+	+	-	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	+	-	-	+	+
	SORES PALATE	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
HCG202M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG173M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
HCG111M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
HCG150M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
HCG183M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG138M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

NOT S[illegible]

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
HCG106M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
	DRIED RED NASAL DISCHARGE EXTREME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
	DRIED RED OCULAR DISCHARGE BOTH EYES MOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
HCG200M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG102M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG201M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
HCG187M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	-	+	+	+	-	-	-	-	-
	DRIED RED NASAL DISCHARGE SLIGHT	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
	SWOLLEN RIGHT EAR SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+
HCG186M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
	UNTHRIFTY COAT	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
	ALOPECIA AROUND RIGHT EYE SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+
	ALOPECIA AROUND LEFT EYE SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+
	EMACIATED SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	+	-	-	+	-	+	-	+
	SORES PALATE	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE BOTH EYES SLI	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	-	+
	DRIED RED OCULAR DISCHARGE BOTH EYES MOD	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-	+	-
HCG113M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG134M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG204M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG092M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
HCG090M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
HCG163M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	SWOLLEN RIGHT EAR SLIGHT	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
	SWOLLEN RIGHT EAR MODERATE	-	-	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-
	SWOLLEN LEFT EAR SLIGHT	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
	SWOLLEN LEFT EAR MODERATE	-	-	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	-
	SWOLLEN BOTH EARS MODERATE	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	+
HCG085M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG103M																		
	WITEIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210
HCG145M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG179M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
HCG077M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG165M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG080M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG136M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG125M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG095M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG176M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG097M																
	TEETH CUT	+	-	+	-	-	-	+	+	+	+	+	+	+	+	+
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG202M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG173M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG111M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG150M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG183M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG138M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG106M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	-	-	-	+	+	+	+
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	+	+	+	-	+	-	-	-	-
HCG200M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210
HCG102M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	+	+	-	-	-	-	-	+	+
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+
	MALOCCLUDED INCISORS	-	-	-	-	-	-	+	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	+	+	+	-	-	+	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-
HCG201M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG187M																
	WITHIN NORMAL LIMITS	-	+	+	+	-	+	-	-	-	-	-	-	-	-	-
	SWOLLEN RIGHT EAR SLIGHT	+	-	-	-	+	-	+	+	+	-	-	+	+	+	-
	SWOLLEN RIGHT EAR MODERATE	-	-	-	-	-	-	-	-	-	+	+	-	-	-	+
HCG186M																
	MISSING LEFT UPPER INCISOR	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+
	TEETH CUT	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE BOTH EYES SLI	+	-	+	+	+	+	+	+	-	-	-	-	-	-	-
HCG113M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG134M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG204M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG092M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG090M																
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG163M																
	RED NASAL DISCHARGE SLIGHT	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-
	SWOLLEN BOTH EARS MODERATE	+	+	+	-	-	+	+	+	+	+	+	+	+	+	+
HCG085M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG103M																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 21	DAY 21	DAY 21
		15	16	17
HCG145M	WITHIN NORMAL LIMITS	+	-	-
HCG179M	MALOCCLUDED INCISORS	+	-	-
HCG077M	WITHIN NORMAL LIMITS	+	-	-
HCG165M	WITHIN NORMAL LIMITS	+	-	-
HCG080M	WITHIN NORMAL LIMITS	+	-	-
HCG136M	WITHIN NORMAL LIMITS	+	-	-
HCG125M	WITHIN NORMAL LIMITS	+	-	-
HCG095M	WITHIN NORMAL LIMITS	+	-	-
HCG176M	WITHIN NORMAL LIMITS	+	-	-
HCG097M	MALOCCLUDED INCISORS	+	-	-
HCG202M	WITHIN NORMAL LIMITS	-	+	-
HCG173M	WITHIN NORMAL LIMITS	-	+	-
HCG111M	WITHIN NORMAL LIMITS	-	+	-
HCG150M	WITHIN NORMAL LIMITS	-	+	-
HCG183M	WITHIN NORMAL LIMITS	-	+	-
HCG138M	WITHIN NORMAL LIMITS	-	+	-
HCG106M	WITHIN NORMAL LIMITS	-	+	-
HCG200M	WITHIN NORMAL LIMITS	-	+	-
HCG102M	BROKEN LEFT UPPER INCISOR	-	+	-
	MALOCCLUDED INCISORS	-	+	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	+	-

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 215	DAY 216	DAY 217
HCG201M				
	WITHIN NORMAL LIMITS	-	+	-
HCG187M				
	SWOLLEN RIGHT EAR SLIGHT	-	+	+
HCG186M				
	MISSING LEFT UPPER INCISOR	-	+	+
	TEETH CUT	-	+	-
	MALOCCLUDED INCISORS	-	+	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	-	+	+
HCG113M				
	WITHIN NORMAL LIMITS	-	+	+
HCG134M				
	WITHIN NORMAL LIMITS	-	+	+
HCG204M				
	WITHIN NORMAL LIMITS	-	+	+
HCG092M				
	WITHIN NORMAL LIMITS	-	+	+
HCG090M				
	MALOCCLUDED INCISORS	-	+	+
HCG163M				
	SCABS RIGHT EAR	-	+	-
	SWOLLEN BOTH EARS MODERATE	-	+	+
HCG085M				
	WITHIN NORMAL LIMITS	-	+	+
HCG103M				
	WITHIN NORMAL LIMITS	-	+	+

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
HCG144M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG185M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG175M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG094M																		
	WITHIN NORMAL LIMITS	+	-	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+
	SCABS VENTRAL CERVICAL	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
	RED OCULAR DISCHARGE LEFT EYE SLIGHT	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HCG123M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG126M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG108M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
HCG135M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG161M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-
	DRIED RED OCULAR DISCHARGE BOTH EYES SLI	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
HCG195M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG079M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG078M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG072M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG155M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG091M																		
	WITHIN NORMAL LIMITS	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA AROUND RIGHT EYE SLIGHT	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA AROUND LEFT EYE SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	+
	ALOPECIA AROUND LEFT EYE MODERATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-
	TEETH CUT	-	-	-	-	+	-	-	-	+	-	-	-	+	-	+	-	+
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	+	+	-	+	+	+	-	-	-	-	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	+	+	+	+	+	+	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	+	+	+	+	-	+	+	+	+	+	+	+	+	+

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APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	+	+	-	+	+	+	+	+	+	+	+	+	-	-	+	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-
HCG148M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG104M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG096M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG130M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG110M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG149M																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA LEFT FORELEG SLIGHT	-	-	-	-	-	-	-	-	+	+	+	+	+	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	SCABS LEFT FORELEG	-	-	-	-	-	-	-	+	-	-	+	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	+	-	-	-	-	-	-	-	+	-	-	+	-
	SORES PALATE	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
	MALOCCLUDED INCISORS	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
HCG174M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG147M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG191M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG139M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
HCG101M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG170M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG182M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG157M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG114M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 148	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210
HCG144M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG185M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG175M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG094M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG123M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG126M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG108M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG135M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	-	+	+	+	+	+	+	+	+
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	+	-	+	-	-	-	-	-	-	-	-
HCG161M																	
	MISSING UPPER INCISOR(S)	-	-	-	-	-	-	-	+	+	+	+	+	+	+	+	+
	TEETH CUT	+	-	+	-	-	+	-	+	+	+	+	+	+	+	+	+
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG195M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG079M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG078M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG072M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG155M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG091M																	
	ALOPECIA AROUND RIGHT EYE SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
	ALOPECIA AROUND LEFT EYE SLIGHT	-	+	+	+	-	-	-	-	-	-	+	-	-	-	-	-
	MISSING RIGHT UPPER INCISOR	-	-	+	-	-	-	-	-	-	-	-	-	-	-	+	-
	MISSING LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	TEETH CUT	+	+	-	-	-	-	-	+	+	+	+	+	+	+	+	+
	BROKEN UPPER INCISOR(S)	+	+	-	+	+	+	-	+	+	+	+	+	+	+	-	-
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	BROKEN LEFT UPPER INCISOR	-	-	+	-	-	-	-	-	-	-	-	-	-	-	+	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	-
	DRIED RED OCULAR DISCHARGE LEFT EYE	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	+	+	+	+	+	+	-	+	+	+	-	+	+	+	+	+

NOT [illegible]

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 148	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210
HCG148M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG104M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG096M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG130M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG110M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG149M																	
	DEAD	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
	TEETH CUT	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	BROKEN UPPER INCISOR(S)	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	+	+	-	+	+	+	-	-	-	-	-	-	-	-	-	-
HCG174M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG147M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG191M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG139M																	
	SWOLLEN BOTH EARS SLIGHT	+	+	+	+	+	+	-	+	+	+	+	+	+	+	-	-
	SWOLLEN BOTH EARS MODERATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
HCG101M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG170M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG182M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG157M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+
HCG114M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 21	DAY 21	DAY 21
		15	16	17
HCG144M				
	WITHIN NORMAL LIMITS	+	-	-
HCG185M				
	WITHIN NORMAL LIMITS	+	-	-
HCG175M				
	WITHIN NORMAL LIMITS	+	-	-
HCG094M				
	WITHIN NORMAL LIMITS	+	-	-
HCG123M				
	WITHIN NORMAL LIMITS	+	-	-
HCG126M				
	WITHIN NORMAL LIMITS	+	-	-
HCG108M				
	WITHIN NORMAL LIMITS	+	-	-
HCG135M				
	WITHIN NORMAL LIMITS	+	-	-
HCG162M				
	MISSING UPPER INCISOR(S)	+	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	+	-	-
HCG195M				
	WITHIN NORMAL LIMITS	+	-	-
HCG079M				
	WITHIN NORMAL LIMITS	-	+	-
HCG078M				
	WITHIN NORMAL LIMITS	-	+	-
HCG072M				
	WITHIN NORMAL LIMITS	-	+	-
HCG155M				
	WITHIN NORMAL LIMITS	-	+	-
HCG091M				
	TEETH CUT	-	+	-
	BROKEN UPPER INCISOR(S)	-	+	-
	MALOCCLUDED INCISORS	-	+	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	+	-
HCG148M				
	WITHIN NORMAL LIMITS	-	+	-
HCG104M				
	WITHIN NORMAL LIMITS	-	+	-
HCG096M				
	WITHIN NORMAL LIMITS	-	+	-

APPENDIX A - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 21	DAY 21	DAY 21
		15	16	17
HCG130M				
	WITHIN NORMAL LIMITS	-	+	-
HCG110M				
	WITHIN NORMAL LIMITS	-		-
HCG174M				
	WITHIN NORMAL LIMITS	-	+	+
HCG147M				
	WITHIN NORMAL LIMITS	-	+	+
HCG191M				
	WITHIN NORMAL LIMITS	-	+	+
HCG139M				
	SWOLLEN BOTH EARS SLIGHT	-	+	-
	SWOLLEN BOTH EARS MODERATE	-	-	+
HCG101M				
	WITHIN NORMAL LIMITS	-	+	+
HCG170M				
	WITHIN NORMAL LIMITS	-	+	+
HCG182M				
	WITHIN NORMAL LIMITS	-	+	+
HCG157M				
	WITHIN NORMAL LIMITS	-	+	+
HCG114M				
	WITHIN NORMAL LIMITS	-	+	+

APPENDIX B - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1A)
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91
RCG222F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
RCG224F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	+	-	-	-	-	-	-
	ALOPECIA AROUND RIGHT EYE SLIGHT	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
	SWOLLEN SNOUT SLIGHT	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	-	-	+	+	+	+	-	-
RCG321F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
RCG251F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
RCG274F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
RCG25[illegible]																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
RCG237F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
RCG236F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
RCG287F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
RCG336F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	+	+	+	+	+	+	+	-
	SCABS VENTRAL CERVICAL	-	-	-	-	-	+	+	-	-	-	-	-	-	-	-
RCG280F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
RCG322F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
RCG250F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RCG219F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
RCG235F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
RCG272F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
RCG313F																
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	+	+	+	+	-	-	-	+	+	+	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	-	-	-	+	+	+	-	-	-	-	-
RCG338F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
RCG281F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-

APPENDIX B - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91
HCG319F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG207F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG286F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG271F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG261F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG229F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
	SWOLLEN R[illegible]R SLIGHT	-	-	-	-	-	-	+	-	-	+	-	-	-	-	-
	SWOLL[illegible] MODERATE	-	-	-	-	-	-	-	+	+	-	-	-	-	-	-
	SWOLLEN L[illegible] SLIGHT	-	-	-	-	-	-	-	+	+	+	-	-	-	-	-
	SWOLLEN [illegible] SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-
HCG218F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG247F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG308F																
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	+	-	-	-	-	-	-	-	-
	ALOPECIA DORSAL RIGHT UPPER FORELEG SLI	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-
	ALOPECIA DORSAL RIGHT UPPER FORELEG MOD	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	-	+	+	+	-	-	-	-	+	+	-	-	-
	ALOPECIA RIGHT FORELEG MODERATE	-	-	-	-	-	-	-	+	+	+	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-
	ALOPECIA RIGHT FORE PAW MODERATE	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-
	SCABS DORSAL RIGHT UPPER FORELEG	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
	SCABS RIGHT FORELEG	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-
HCG297F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG267F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
	SCABS SNOUT	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
	SWOLLEN SNOUT MODERATE	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-

APPENDIX B - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG334F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG311F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG282F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG212F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG245F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG326F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG257F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
	SWOLLEN RIGHT EYE SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
HCG264F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG333F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	+	+	+	+	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
HCG278F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG332F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG327F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG241F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG318F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG231F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
	SWOLLEN RIGHT EAR SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
HCG283F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG244F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-

APPENDIX B - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91
HCG214F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG269F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG243F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
HCG290F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG301F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG208F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-
	SWOLLEN RIGHT EAR MODERATE	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
	SWOLLEN LEFT EAR SLIGHT	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	SWOLLEN BOTH EARS MODERATE	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
HCG233F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG232F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG325F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG305F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	+	+	+	+	+	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
HCG234F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG298F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-

APPENDIX B - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91
HCG215F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG220F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG316F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG296F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG275F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG329F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG260F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-
	RED NASAL DISCHARGE SLIGHT	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
	ALOPECIA AROUND RIGHT EYE SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	+	-	-	+	+	+	-	-
	SORES PALATE	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	+	+	+	+	+	-	+	+	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	+	+	+	+	+	+	+	+	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	-	+	-	+	+	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	-	-	-	-	-	-	-	-	-	+	-	-	+	-	-
	DRIED RED OCULAR DISCHARGE BOTH EYES MOD	-	-	-	-	-	+	+	+	-	-	-	-	-	-	-
HCG295F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG240F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
HCG291F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG335F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG238F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG258F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG330F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-

APPENDIX B - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91
HCG277F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG317F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG221F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG331F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG339F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG323F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	-	+	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
HCG307F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG314F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+		-	-
HCG225F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+		-	-
HCG217F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG263F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG254F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG242F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG304F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	-	+	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-
HCG276F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG302F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-

APPENDIX B - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91
HCG248F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG294F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG262F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG309F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
	SCABS LEFT LATERAL ABDOMEN	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
HCG252F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG255F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG337F																
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
HCG288F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG270F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG211F																
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	+	+	+	+	-	+	+	+	+	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
	ALOPECIA LEFT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
HCG300F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG320F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG266F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG213F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG210F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG306F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-

APPENDIX B - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91
HCG299F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG268F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG226F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG312F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG253F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
HCG284F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG227F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCG293F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-
	ALOPECIA LEFT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	+	+	+	-	-	-
HCG259F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG230F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	-	-	+	-	-
	ALOPECIA LEFT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	-	-	-	-	-	+	+	+	+	+	-	-	-
HCG315F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG273F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
HCG209F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
HCG292F																
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-

APPENDIX C - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0 MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 24	TERM
HCG222F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
HCG224F											
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	+	-	-	-	-
	RIGHT EAR SWOLLEN SLIGHT	-	+	+	+	-	-	-	-	-	-
	RIGHT EAR RED SLIGHT	-	+	+	+	-	-	-	-	-	-
	RIGHT EYE: DRY RED OCULAR DISCHARGE SLI	-	-	+	-	+	-	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
HCG321F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
HCG251F											
	NO OBSERVABLE ABNORMALITIES	+	-	+	+	+	+	-	-	-	-
	BROKEN RIGHT UPPER INCISOR	-	+	-	-	-	-	-	-	-	-
HCG274F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
HCG256F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
HCG237F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
HCG236F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	+
	VAGINAL AREA: RED MATERIAL	-	-	-	-	-	-	-	-	+	-
	APPARENT DELIVERY IN PROGRESS	-	-	-	-	-	-	-	-	+	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	-	+
HCG287F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
HCG336F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
HCG280F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
HCG322F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
HCG250F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
HCG213F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-

APPENDIX C - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG235F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-	-	-	-
	BOTH EARS SWOLLEN SLIGHT	-	-	-	-	-	+	-	-	+
	BOTH EARS RED SLIGHT	-	-	-	-	-	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG272F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG313F										
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	+	+	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	+	+	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	+	-	-	-	-	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG338F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG281F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG319F										
	NO OBSERVABLE ABNORMALITIES	-	-	-	-	-	-	-	-	+
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG207F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG286F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG271F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	-	-	-	-	-
	LEFT EAR SWOLLEN SLIGHT	-	-	-	+	-	-	-	-	-
	BOTH EARS SWOLLEN SLIGHT	-	-	-	-	+	+	-	-	-
	BOTH EARS RED SLIGHT	-	-	-	-	-	+	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	-	+	-	-	-
HCG261F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG229F										
	BOTH EARS SWOLLEN SLIGHT	+	+	+	+	+	+	-	-	+
	BOTH EARS RED SLIGHT	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+

APPENDIX C - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG218F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG247F										
	NO OBSERVABLE ABNORMALITIES	-	+	+	+	+	+	-	-	-
	SCAB: BASE OF TAIL	+	-	-	-	-	-	-	-	-
HCG308F										
	ALOPECIA: VENTRAL CERVICAL SLIGHT	-	-	-	-	-	+	-	-	+
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	+	-	-	+
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	-	-	-	-	+
	ALOPECIA: RIGHT FORELEG SLIGHT	+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG297F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	-	+	-	-	-
HCG267F										
	ALOPECIA: SNOUT SLIGHT	-	+	+	+	+	+	-	-	+
	SCAB: SNOUT	+	-	-	-	-	-	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+

APPENDIX C - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50 MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG340F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG334F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG311F										
	BOTH EARS SWOLLEN SLIGHT	+	+	+	+	+	+	-	-	-
	BOTH EARS RED SLIGHT	+	+	+	-	-	-	-	-	-
HCG282F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG212F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG245F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG326F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG257F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG264F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	+	+	-	-	-
	RIGHT EAR SWOLLEN SLIGHT	-	-	-	+	-	-	-	-	-
	RIGHT EAR RED SLIGHT	-	-	-	+	-	-	-	-	-
HCG333F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG278F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG332F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	+	-	-
HCG327F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	+	-	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	+	-	-	-	-
HCG241F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-

APPENDIX C - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG218F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG231F										
	RIGHT EAR SWOLLEN SLIGHT	-	+	+	-	-	-	-	-	-
	RIGHT EAR RED SLIGHT	+	+	+	-	-	-	-	-	-
	BOTH EARS SWOLLEN SLIGHT	-	-	-	+	+	+	-	-	-
	BOTH EARS RED SLIGHT	-	-	-	+	+	+	-	-	-
HCG283F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG244F										
	NO OBSERVABLE ABNORMALITIES	+	+	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	+	+	+	+	-	-	-
	MISSING RIGHT UPPER INCISOR	-	-	-	-	-	+	-	-	-
HCG214F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG269F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG243F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG290F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG301F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG208F										
	BOTH EARS SWOLLEN SLIGHT	+	+	+	+	+	+	-	-	-
	BOTH EARS RED SLIGHT	+	+	+	+	+	+	-	-	-
HCG233F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG232F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG325F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG305F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-

APPENDIX C - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG234F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG298F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-

APPENDIX C - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160 MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG215F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
HCG220F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG316F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG296F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG275F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG329F										+
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	+	-	-	-
	MUCOIDAL STOOL	-	-	-	-	+	-	-	-	-
HCG260F										
	RIGHT EYE: DRY RED OCULAR DISCHARGE SLI	-	-	+	+	+	-	-	-	-
	RIGHT EYE: DRY RED OCULAR DISCHARGE MOD	+	+	-	-	-	+	-	-	-
	ALOPECIA: AROUND RIGHT EYE SLIGHT	-	-	-	-	-	+	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	-	-	-
	TEETH CUT	-	-	-	-	-	+	-	-	-
	ANO-GENITAL AREA: RED STAINING SLIGHT	+	-	-	-	-	-	-	-	-
HCG295F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG240F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	-	-	-	-	-
	BOTH EARS SWOLLEN SLIGHT	-	-	-	+	+	+	-	-	-
	BOTH EARS RED SLIGHT	-	-	-	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG291F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG335F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG238F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG258F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	-	+	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	+	-	-	-	-
	ALOPECIA: LEFT FORELEG SLIGHT	-	-	-	-	-	+	-	-	-

APPENDIX C - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG330F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG277F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG317F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG221F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG311F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG339F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG323F										
	NO OBSERVABLE ABNORMALITIES	-	-	-	+	+	+	-	-	+
	RIGHT EYE: DRY RED OCULAR DISCHARGE SLI	+	+	+	-	-	-	-	-	-
	ALOPECIA: AROUND RIGHT EYE SLIGHT	-	-	+	-	-	-	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG307F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG314F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG225F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG217F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	MASS: LEFT LATERAL THORACIC	-	-	-	-	-	-	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG263F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG254F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG242F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-

APPENDIX C - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG304F										
	ALOPECIA: VENTRAL CERVICAL SLIGHT	-	-	-	+	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	-	+	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATZ	-	-	-	+	+	-	-	-	-
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	-	+	-	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	+	-	-	+	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	-	-	-	+	+	-	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	+	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	+	+	-	+	+	+	-	-	-
HCG276F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG302F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	-	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-

APPENDIX C - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500 MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG248F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG294F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG262F										
	NO OBSERVABLE ABNORMALITIES	-	-	-	-	-	-	-	-	+
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG309F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	-	+	-	-	-
	ALOPECIA: BOTH HINDLEGS SLIGHT	-	-	-	-	-	+	-	-	-
	ALOPECIA: VENTRAL SLIGHT	-	-	-	-	-	+	-	-	-
HCG252F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG255F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG337F										
	NO OBSERVABLE ABNORMALITIES	-	-	-	-	-	-	-	-	+
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG288F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG270F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
ECG211F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
HCG300F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG320F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG266F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-

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APPENDIX C - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME=	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG213F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER		-	-	-	-	-	-	-	-	+
HCG210F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	-	+	-
HCG306F											
	BOTH EARS SWOLLEN SLIGHT		+	+	+	+	+	+	-	-	-
	BOTH EARS RED SLIGHT		+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	-	+	-
HCG299F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	+	-	-
HCG268F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	-	-	-	-	-	+
	RIGHT EAR SWOLLEN SLIGHT		-	-	-	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER		-	-	-	-	-	-	-	-	+
HCG226F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	-	+	-
HCG312F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	-	+	-
HCG253F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
HCG284F											
	NO OBSERVABLE ABNORMALITIES		-	-	-	-	-	-	-	-	+
	MATING NOT CONFIRMED: NO OBSERVATIONS		+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER		-	-	-	-	-	-	-	-	+
HCG227F											
	NO OBSERVABLE ABNORMALITIES		+	-	-	-	-	-	-	-	-
	ALOPECIA: RIGHT SCAPULAR AREA SLIGHT		-	+	-	-	-	-	-	-	-
	ALOPECIA: BOTH SCAPULAR AREAS SLIGHT		-	-	+	+	+	+	-	-	-
HCG293F											
	ALOPECIA: BOTH FOREPAWS SLIGHT		-	-	-	-	-	+	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT		+	+	+	+	+	+	-	-	-
	ALOPECIA: BASE OF TAIL SLIGHT		+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	+	-	-
HCG259F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-

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APPENDIX C - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG230F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	-	-	-	-
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	-	-	-	-	+	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	-	-	-	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG315F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG273F										
	NO OBSERVABLE ABNORMALITIES	-	+	+	+	-	+	-	-	-
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	-	-	-	+	-	-	-	-
	URINE STAINING SLIGHT	+	-	-	-	-	-	-	-	-
HCG209F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-	-	-	+
	RIGHT EAR SWOLLEN SLIGHT	-	-	-	-	-	+	-	-	-
	RIGHT EAR RED SLIGHT	-	-	-	-	-	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG292F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-

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APPENDIX D - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG

ANIMAL NUMBER	OBSERVATION	TIME- DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG222F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG224F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG321F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG251F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG274F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG256F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG237F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG236F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG287F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG336F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG280F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	+
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	+	-
HCG322F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG250F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG219F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG235F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG272F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG313F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	+	+
HCG338F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG281F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+

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APPENDIX D - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG319F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG207F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG286F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG271F							
	NO OBSERVABLE ABNORMALITIES	-	-	+	+	+	+
	LEFT EAR SWOLLEN SLIGHT	+	+	-	-	-	-
	LEFT EAR RED SLIGHT	+	+	-	-	-	-
HCG261F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG229F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG218F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG247F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG308F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG297F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	+
HCG267F							
	ANIMAL DEAD	+	-	-	-	-	-

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APPENDIX D - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1A
(SEE KEY A - FEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG340F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG334F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG311F							
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	-
	BOTH EARS SWOLLEN SLIGHT	-	+	+	+	+	+
	BOTH EARS RED SLIGHT	-	-	-	-	+	+
HCG282F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG212F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG245F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG326F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG257F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG264F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG333F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG278F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG332F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG327F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG241F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG318F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG231F							
	BOTH EARS SWOLLEN SLIGHT	+	+	+	+	+	+
	BOTH EARS RED SLIGHT	+	+	+	+	+	+
HCG283F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG244F							
	MALOCCLUDED INCISORS	+	+	+	+	+	+
	RIGHT UPPER INCISOR: MISSING	+	+	+	+	-	-
	RIGHT UPPER INCISOR BROKEN	-	-	-	-	+	-

APPENDIX D - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1A CONT.
(SEE KEY A - KEY TO IN-LIFE OBSERVATIONS)
DOSE GROUP: 50MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG244F	CONT.						
	VAGINA: DARK RED EXUDATE MODERATE	+	-	-	-	-	-
HCG214F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	-	-	-	-	+
HCG269F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG243F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG290F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG301F							
	NO OBSERVABLE ABNORMALITIES	+	-	+	+	+	+
	VAGINA: DARK RED EXUDATE	-	+	-	-	-	-
HCG208F							
	BOTH EARS SWOLLEN SLIGHT	+	+	+	+	+	+
	BOTH EARS RED SLIGHT	+	+	+	+	+	+
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	+	+	+	+	+
HCG233F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG232F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG325F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG305F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG234F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG298F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+

APPENDIX D - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG215F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG220F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG316F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG296F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG275F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG329F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG260F							
	RIGHT EYE: DRY RED OCULAR DISCHARGE MODERATE	+	+	+	+	+	+
	BROKEN UPPER INCISOR	-	-	+	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+
	TEETH CUT	-	-	+	-	-	-
	ALOPECIA: AROUND RIGHT EYE SLIGHT	+	+	+	+	+	+
HCG295F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG240F							
	NO OBSERVABLE ABNORMALITIES	-	+	-	-	-	-
	BOTH EARS SWOLLEN SLIGHT	+	-	+	+	+	+
	BOTH EARS RED SLIGHT	+	-	+	+	+	-
	VAGINA: RED EXUDATE	+	-	-	-	-	-
HCG291F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG335F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG238F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG258F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	-	+	+	-	-
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	-	-	-	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	-	-	-
	ALOPECIA: LEFT FORELEG SLIGHT	-	-	-	+	+	+
	APPARENT PROLAPSED UTERUS	-	+	-	-	-	-
HCG330F							
	ANIMAL DEAD	+	-	-	-	-	-

APPENDIX D - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG277F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG317F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG221F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG331F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG339F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG323F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG307F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG314F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG225F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG217F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG263F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG254F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG242F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	-	+
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	-	+
HCG304F							
	MALOCCLUDED INCISORS	+	-	-	-	-	-
	ALOPECIA: VENTRAL CERVICAL SLIGHT	-	-	-	-	-	+
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+
HCG276F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG302F							
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+
	ANO-GENITAL STAINING SLIGHT	+	-	-	-	-	-

APPENDIX D - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG248F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG294F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG262F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG309F							
	RIGHT EAR SWOLLEN SLIGHT	-	-	-	-	+	+
	RIGHT EAR RED SLIGHT	-	-	-	-	+	+
	ALOPECIA: VENTRAL SLIGHT	+	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	-
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	-
	ALOPECIA: BOTH HINDLEGS SLIGHT	-	-	-	-	+	-
	ALOPECIA: LEFT HINDLEG SLIGHT	+	+	+	+	-	-
HCG252F							
	MASS: LEFT LATERAL CERVICAL	+	+	+	+	+	+
	VAGINA: RED EXUDATE	+	-	-	-	-	-
HCG255F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG337F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG288F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	+
	ALOPECIA: VENTRAL ABDOMEN MODERATE	-	-	-	-	+	-
	ALOPECIA: LEFT INGUINAL AREA MODERATE	-	-	-	-	+	-
HCG270F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG211F							
	ALOPECIA: VENTRAL SLIGHT	-	-	+	+	-	-
	ALOPECIA: VENTRAL CERVICAL SLIGHT	-	-	-	-	-	+
	ALOPECIA: VENTRAL CERVICAL MODERATE	-	-	-	-	+	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	+	+	-	+
	ALOPECIA: BOTH FOREPAWS EXTREME	-	-	-	-	+	-
	ALOPECIA: BOTH FORELEGS MODERATE	-	-	+	+	-	+
	ALOPECIA: BOTH FORELEGS EXTREME	-	-	-	-	+	-
HCG300F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG320F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+

APPENDIX D - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG266F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG213F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG210F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG306F							
	BOTH EARS SWOLLEN SLIGHT	+	+	+	+	+	+
	BOTH EARS RED SLIGHT	+	+	+	-	-	-
HCG299F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-
	ALOPECIA: LEFT FOREPAW SLIGHT	-	-	-	-	-	+
HCG268F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG226F							
	NO OBSERVABLE ABNORMALITIES	-	-	-	-	+	+
	ALOPECIA: RIGHT FORELEG SLIGHT	+	+	+	+	-	-
HCG312F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG253F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-
	NO OBSERVATION ENTERED	-	-	-	-	-	+
HCG284F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG227F							
	ALOPECIA: BOTH SCAPULAR AREAS SLIGHT	+	+	+	+	+	+
HCG293F							
	ALOPECIA: BASE OF TAIL SLIGHT	+	+	+	-	-	-
	ALOPECIA: BASE OF TAIL MODERATE	-	-	-	+	+	+
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	+	+	+	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	-	+	+	+	+	+
	SCABS: LEFT FOREPAW	+	+	-	-	-	-
	SCABS: LEFT FORELEG	+	-	-	-	-	-
	VAGINA: RED EXUDATE	-	-	+	-	-	-
HCG259F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG230F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	-	+

APPENDIX D - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME=	DAY 0	DAY 1	DAY 2	DAY 4	DAY 5	DAY 7	DAY 11	DAY 14	DAY 21
HCG230F	CONT.										
	ALOPECIA: BOTH FOREPAWS MODERATE		-	-	-	-	-	+	+	-	-
	ALOPECIA: RIGHT FOREPAW SLIGHT		+	-	+	-	-	-	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT		+	-	+	-	+	+	+	-	-
	VAGINA: RED EXUDATE		+	-	+	-	+	-	-	-	-
	NO OBSERVATION ENTERED		-	+	-	+	-	-	-	+	-
HCG315F											
	NO OBSERVABLE ABNORMALITIES		-	-	-	+	-	+	-	+	+
	ALOPECIA: RIGHT FORELEG SLIGHT		+	+	-	-	-	-	-	-	-
HCG273F											
	NO OBSERVABLE ABNORMALITIES		+	+	-	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT		-	-	-	-	-	-	-	-	+
	ALOPECIA: BOTH FOREPAWS MODERATE		-	-	-	-	-	-	-	+	-
	ALOPECIA: RIGHT FOREPAW SLIGHT		-	-	-	-	-	+	-	-	-
	SCABS: RIGHT FOREPAW		-	-	-	+	-	-	-	-	-
HCG209F											
	ANIMAL DEAD		+	-	-	-	-	-	-	-	-
HCG292F											
	NO OBSERVABLE ABNORMALITIES		+	+	-	+	-	+	-	+	+

APPENDIX E - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B)
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210	DAY 211	DAY 213
HCG222F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	-	-
HCG224F															
	WITHIN NORMAL LIMITS	-	-	-	-	-	-	-	-	+	+	-	-	-	-
	ALOPECIA AROUND RIGHT EYE SLIGHT	-	-	-	-	-	-	+	+	-	-	-	-	-	-
	SWOLLEN RIGHT EAR SLIGHT	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	+	+	+	+	+	+	-	+	-	-	-	-	-	-
HCG321F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	+	+	-	-
HCG251F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	-	-	-	-	-	-	+	-	-	-
HCG274F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	-	+
HCG256F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	+	+	-
	SWOLLEN RIGHT EAR SLIGHT	-	-	-	-	-	-	-	-	-	-	+	-	-	-
HCG237F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	+	+	+	-
HCG287F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG336F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	-	-	-	-	-	-	-	-	-	+
HCG280F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	+	+	+	-
HCG322F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	-	-	-	-	+	-	-
HCG250F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG219F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	-	+
HCG272F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	-	-	-	-	-	-

APPENDIX E - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 13	DAY 14	DAY 17	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210	DAY 211	DAY 213
HCG313F															
	ALOPECIA BOTH FORE PAWS SLIGHT	-	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	+	-	-	-	-	-	-	-	-	-	-	-	-	-
HCG338F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	-	+
HCG281F															
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	-	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	+	-	-	-	-	-	-	-	-	-	-
HCG207F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG286F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	-	+
HCG271F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	-	-
HCG261F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG218F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	+	+	+	-
HCG247F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	-	-
HCG297F															
	ALOPECIA BOTH FORE PAWS SLIGHT	-	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	+	-	-	+	-	-	-	-	-	-	-	+	-	-
	ALOPECIA LEFT FORE PAW MODERATE	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	ALOPECIA RIGHT FORE PAW EXTREME	-	-	-	-	-	-	-	-	-	-	+	-	-	-

APPENDIX E - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 214
HCG222F	WITHIN NORMAL LIMITS	+
HCG321F	WITHIN NORMAL LIMITS	+
HCG322F	WITHIN NORMAL LIMITS	+
HCG271F	WITHIN NORMAL LIMITS	+
HCG247F	WITHIN NORMAL LIMITS	+
HCG297F	ALOPECIA BOTH FORE PAWS MODERATE	+

APPENDIX E - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210	DAY 211	DAY 213
HCG340F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	+	+	+	-
HCG334F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	+	+	+	-
HCG311F															
	WITHIN NORMAL LIMITS	-	-	-	-	-	-	-	-	-	-	+	+	-	+
	SWOLLEN BOTH EARS SLIGHT	+	+	+	+	-	-	-	-	-	-	-	-	-	-
HCG282F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-	-
HCG212F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	-	+
HCG245F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	+	-
HCG264F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	-	-	-
	SWOLLEN RIGHT EAR SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	-	+
HCG333F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-	-
HCG278F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	-	-	-	-	+	-	-
HCG332F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	-	+
HCG327F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	+	-
HCG241F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-	-
HCG318F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-	-
HCG231F															
	SWOLLEN BOTH EARS SLIGHT	+	+	+	+	-	-	-	-	-	-	-	-	-	-
HCG244F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORE PAW MODERATE	-	-	-	-	-	-	-	-	-	-	+	+	-	-
HCG214F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	+	-	-	-	-	-	-	+	+	+	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	+	-	-	-	-	-	-	-	+	+	-
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	-	-	-	-	-	-	-	-	+	-	-	-

APPENDIX E - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 13	DAY 40	DAY 47	DAY 54	DAY 61	DAY 68	DAY 75	DAY 82	DAY 89	DAY 96	DAY 103	DAY 110	DAY 113	DAY 113
HCG269F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	-	+
HCG290F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	-	-
HCG301F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	-	-	-	-	+	-	-
HCG208F															
	WITHIN NORMAL LIMITS	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	+	+	-	-	-	-	-	-	-	-	-	-	-
	SWOLLEN BOTH EARS SLIGHT	-	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG232F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG325F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA AROUND RIGHT EYE SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	-	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	-	-	-	-	-	-	-	-	-	-	-	+	-	+
HCG305F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG234F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	+	+	-	-
HCG298F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	-	-	-	-
	SWOLLEN RIGHT EAR SLIGHT	-	-	-	-	-	-	-	+	+	+	+	-	-	-

APPENDIX E - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 214
HCG278F		
	WITHIN NORMAL LIMITS	+
HCG244F		
	ALOPECIA RIGHT HINDLEG SLIGHT	+
	ALOPECIA RIGHT FORE PAW SLIGHT	+
HCG290F		
	WITHIN NORMAL LIMITS	+
HCG301F		
	WITHIN NORMAL LIMITS	+
HCG234F		
	WITHIN NORMAL LIMITS	+

APPENDIX E - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210	DAY 211	DAY 213
HCG215F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	-	+
HCG220F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	+	+	+	-
HCG316F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	+	-
HCG296F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	+	+	-	+
HCG329F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	+	-
HCG260F															
	ALOPECIA AROUND RIGHT EYE SLIGHT	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	MISSING LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	+	+	-
	TEETH CUT	-	+	+	-	-	-	-	-	-	-	-	+	-	-
	BROKEN UPPER INCISOR(S)	+	+	+	+	-	-	-	-	-	-	-	-	-	-
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	+	+	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	-	-	-	-	-	-	+	+	+	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	+	+	-	-	-	-	-	-	-	-	+	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	-	-	+	+	-	-	-	-	-	-	-	+	+	-
HCG295F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	-	-	-	-	-	-	-
HCG240F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+	-	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	-	-	-	-	-	+	-	-	+
	MASS LEFT THORAX	-	-	-	-	-	-	-	-	-	-	+	-	-	-
HCG291F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	+	+	+	-
HCG335F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG258F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA LEFT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	-	+
HCG277F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-	-
HCG317F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	-	-	-
HCG221F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	+	+	+	-
HCG331F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	NECROTIC TAIL 50%	-	-	-	-	-	-	-	-	-	-	+	+	+	-
HCG339F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	+	+	-	+

APPENDIX E - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 13	DAY 14	DAY 17	DAY 15	DAY 16	DAY 16	DAY 17	DAY 18	DAY 18	DAY 19	DAY 20	DAY 21	DAY 21	DAY 21
HCG307F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	+	+	+	-
HCG225F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	-	-	-	-	-	-
HCG263F															
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	-	-	-	-	-	-
HCG254F															
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	+	+	+	-
HCG242F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG304F															
	WITHIN NORMAL LIMITS	-	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	-	+
	ALOPECIA VENTRAL CERVICAL SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	+
HCG302F															
	WITHIN NORMAL LIMITS	-	+	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	-	-	-	-	-	-	+	+	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	+	-	+	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	-	-	-	-	-	-	-	-	-	+	-	-
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	+	-	-	-	-	-	-	-	-	-	-	-

APPENDIX E - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 214
HCG295F		
	WITHIN NORMAL LIMITS	+
HCG302F		
	ALOPECIA BOTH FORE PAWS MODERATE	+

APPENDIX E - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 133	DAY 140	DAY 147	DAY 148	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 210	DAY 211
HCG248F															
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	-	-	-	-	-	-	+	-
HCG294F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG309F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG252F															
	WITHIN NORMAL LIMITS	+	+	+	-	+	-	-	-	-	-	-	+	+	+
HCG255F															
	WITHIN NORMAL LIMITS	+	+	+	-	+	-	-	-	-	-	-	+	+	+
HCG288F															
	WITHIN NORMAL LIMITS	+	+	+	-	+	-	-	-	-	-	-	+	+	-
HCG270F															
	ALOPECIA LEFT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	-	-
	ALOPECIA RIGHT FORELEG MODERATE	-	-	-	-	-	-	-	-	-	-	-	+	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	+	+	+	+	-	-	-	-	+	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	+	+	+	+	-	-	-	-	+	-
	ALOPECIA LEFT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	-	-
	ALOPECIA RIGHT FORE PAW SLIGHT	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORE PAW MODERATE	-	-	-	-	-	-	-	-	-	-	-	+	-	-
HCG211F															
	WITHIN NORMAL LIMITS	-	+	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA LEFT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	+
	ALOPECIA RIGHT FORELEG MODERATE	-	-	-	-	-	-	-	-	-	-	-	+	+	+
	ALOPECIA BOTH FORE PAWS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH HIND LEGS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	+
	ALOPECIA LEFT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	+
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORE PAW MODERATE	-	-	-	-	-	-	-	-	-	-	-	+	+	+
	SCABS SNOUT	-	-	-	-	-	-	-	-	-	-	-	+	-	-
HCG300F															
	WITHIN NORMAL LIMITS	+	+	+	-	+	-	-	-	-	-	-	+	+	-
HCG320F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	+	+	-
HCG266F															
	WITHIN NORMAL LIMITS	+	+	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	-	-	-	-	-	-	-	+	+	-
	MISSING RIGHT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	+	+	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	+	-	-

APPENDIX E - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 13	DAY 14	DAY 17	DAY 18	DAY 15	DAY 16	DAY 18	DAY 17	DAY 18	DAY 18	DAY 19	DAY 20	DAY 21	DAY 21
HCG210F															
	WITHIN NORMAL LIMITS	+	+	+	-	+	-	-	-	-	-	-	+	+	-
HCG306F															
	SWOLLEN BOTH EARS SLIGHT	+	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG299F															
	WITHIN NORMAL LIMITS	+	+	+	-	+	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	-
HCG226F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	+	+	+
HCG312F															
	WITHIN NORMAL LIMITS	+	+	+	-	+	-	-	-	-	-	-	-	-	-
HCG253F															
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	-	-
HCG227F															
	WITHIN NORMAL LIMITS	-	+	+	-	+	-	-	-	-	-	-	+	+	-
HCG293F															
	ALOPECIA POSTERIOR DORSAL SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	+
	ALOPECIA BOTH FORE PAWS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	+	+	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	+
	ALOPECIA LEFT FORE PAW SLIGHT	-	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG259F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG230F															
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-
HCG315F															
	WITHIN NORMAL LIMITS	+	+	+	-	+	-	-	-	-	-	-	+	+	-
HCG273F															
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	+	-	-	-	-	-	-	-
HCG292F															
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	-	-

APPENDIX E - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P1 FEMALES (F1B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 21 3	DAY 22 4
HCG248F			
	WITHIN NORMAL LIMITS	-	+
HCG288F			
	SCABS VENTRAL CERVICAL	-	+
HCG270F			
	ALOPECIA BOTH FORE PAWS MODERATE	-	+
	ALOPECIA BOTH FORE LEGS MODERATE	-	+
HCG300F			
	WITHIN NORMAL LIMITS	-	+
HCG320F			
	WITHIN NORMAL LIMITS	+	-
HCG266F			
	ALOPECIA BOTH FORE PAWS MODERATE	+	-
	MISSING RIGHT UPPER INCISOR	+	-
	MALOCCLUDED INCISORS	+	-
HCG210F			
	WITHIN NORMAL LIMITS	+	-
HCG299F			
	ALOPECIA BOTH FORE LEGS SLIGHT	+	-
HCG227F			
	WITHIN NORMAL LIMITS	-	+
HCG315F			
	WITHIN NORMAL LIMITS	-	+
HCG273F			
	ALOPECIA BOTH FORE PAWS SLIGHT	-	+

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APPENDIX F - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0 MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG222F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG224F										
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	-	-	-	-
	MATING NOT CONFIRMED: NO OBSERVATIONS	-	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG321F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
HCG251F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG274F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG256F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG237F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
HCG236F										
	NO OBSERVABLE ABNORMALITIES	-	-	-	-	-	-	-	-	+
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG287F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG336F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG280F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
HCG322F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG250F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG219F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-

APPENDIX F - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME=	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG235F											
	ANIMAL DEAD		+	-	-	-	-	-	-	-	-
HCG272F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER		-	-	-	-	-	-	-	-	+
HCG313F											
	ALOPECIA: BOTH FOREPAWS SLIGHT		+	+	+	-	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE		-	-	-	-	-	+	-	-	+
	ALOPECIA: LEFT FOREPAW SLIGHT		-	-	-	+	-	-	-	-	-
	ALOPECIA: RIGHT FOREPAW MODERATE		-	-	-	+	-	-	-	-	-
	ANIMAL KILLED: DID NOT DELIVER		-	-	-	-	-	-	-	-	+
HCG338F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
HCG281F											
	MATING NOT CONFIRMED: NO OBSERVATIONS		+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER		-	-	-	-	-	-	-	-	+
HCG319F											
	ANIMAL DEAD		+	-	-	-	-	-	-	-	-
HCG207F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER		-	-	-	-	-	-	-	-	+
HCG286F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
HCG271F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	-	+	-
HCG261F											
	MATING NOT CONFIRMED: NO OBSERVATIONS		+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER		-	-	-	-	-	-	-	-	+
HCG229F											
	ANIMAL DEAD		+	-	-	-	-	-	-	-	-
HCG218F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	-	+	-
HCG247F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	-	+	-
HCG308F											
	ANIMAL DEAD		+	-	-	-	-	-	-	-	-

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APPENDIX F - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME=	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG297F											
	ALOPECIA: BOTH FOREPAWS SLIGHT		+	+	-	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE		-	-	+	+	+	+	-	-	-
HCG267F											
	ANIMAL DEAD		+	-	-	-	-	-	-	-	-

APPENDIX F - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50 MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG340F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG334F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG311F										
	BOTH EARS SWOLLEN SLIGHT	+	+	+	+	+	+	-	-	-
	BOTH EARS RED SLIGHT	-	-	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG282F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG212F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG245F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG326F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG257F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG264F										
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	-	-	-	-
	RIGHT EAR SWOLLEN SLIGHT	-	+	+	+	+	+	-	-	-
	RIGHT EAR RED SLIGHT	-	-	-	+	+	+	-	-	-
HCG333F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG278F										
	NO OBSERVABLE ABNORMALITIES	+	-	+	+	+	+	-	-	-
	MISSED OBSERVATION	-	+	-	-	-	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG332F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG327F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-	-	-	-
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	-	-	-	-	+	-	-	-
HCG241F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+

APPENDIX F - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1B CONT.
(SEE KEY A - KEY 10 INLIFE OBSERVATIONS)
DOSE GROUP: 50 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG318F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG231F										
	BOTH EARS SWOLLEN SLIGHT	+	+	+	+	+	+	-	-	+
	BOTH EARS RED SLIGHT	-	-	-	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG283F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG244F										
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	-	+	-	-	-
	ALOPECIA: RIGHT FOREPAW MODERATE	-	-	-	-	+	-	-	-	-
	BOTH UPPER INCISORS BROKEN	-	+	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	+	+	+	+	-	-	-	-
	BROKEN RIGHT UPPER INCISOR	-	-	+	-	-	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG214F										
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	+	+	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	+	+	+	-	-	-
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	-	-	-	-	+	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	+	+	-	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	-	-	-	+	-	-	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	-	-	-	+	-	-	-	-
	MISSED OBSERVATION	+	-	-	-	-	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
	NOTE: ANIMAL WAS OBSERVED ON DAY 1G AND HAD NO OBSERVABLE ABNORMALITIES									
HCG269F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG243F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG290F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG301F										
	NO OBSERVABLE ABNORMALITIES	+	-	+	+	+	+	-	-	-
	RIGHT EYE: DRY RED OCULAR DISCHARGE SLI	-	+	-	-	-	-	-	-	-
	SLIGHT AMOUNT OF STOOL PRESENT	-	+	-	-	-	-	-	-	-
HCG208F										
	BOTH EARS SWOLLEN SLIGHT	+	+	+	+	+	+	-	-	+
	BOTH EARS RED SLIGHT	-	+	+	+	+	+	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	-	-	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	+	+	+	+	+	-	-	+

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APPENDIX F - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG208F	CONT.									
	ALOPECIA: BOTH FORELEGS MODERATE	-	-	-	+	-	-	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	-	+	-	-	-	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG233F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG232F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG325F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG305F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG234F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG298F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+

APPENDIX F - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160 MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG215F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG220F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG316F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG296F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
HCG275F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG329F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG260F										
	RIGHT EYE SWOLLEN SLIGHT	+	+	+	+	+	-	-	-	-
	RIGHT EYE: DRY RED OCULAR DISCHARGE MOD	+	+	+	+	+	+	-	-	-
	ALOPECIA: AROUND RIGHT EYE SLIGHT	-	-	+	+	+	+	-	-	-
	ALOPECIA: AROUND RIGHT EYE MODERATE	+	+	-	-	-	-	-	-	-
	BOTH UPPER INCISORS BROKEN	-	-	-	-	-	+	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	-	-	-
	TEETH CUT	-	+	+	-	+	+	-	-	-
HCG295F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG240F										
	NO OBSERVABLE ABNORMALITIES	-	-	-	-	+	+	-	-	-
	BOTH EARS SWOLLEN SLIGHT	+	+	+	+	-	-	-	-	-
	BOTH EARS RED SLIGHT	+	+	+	+	-	-	-	-	-
HC[illegible]91F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG335F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG238F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG258F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG330F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-

APPENDIX F - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG277F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG317F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG221F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG331F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG339F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
HCG323F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG307F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG314F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG225F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG217F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG263F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG254F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG242F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG304F										
	NO OBSERVABLE ABNORMALITIES	-	-	-	-	-	+	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIG	-	+	+	+	-	-	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	-	-	-	+	-	-	-	-

APPENDIX F - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG276F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG302F										
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	+	+	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	-	+	+	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-

APPENDIX F - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1P
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500 MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG248F										
	NO OBSERVABLE ABNORMALITIES	+	-	+	+	+	+	-	-	-
	MISSED OBSERVATION	-	+	-	-	-	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG294F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG262F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG309F										
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	-	-	-	+
	BOTH EARS SWOLLEN SLIGHT	-	+	+	+	+	-	-	-	-
	BOTH EARS RED SLIGHT	-	+	+	+	+	-	-	-	-
	SCAB: LEFT ANTERIOR VAGINA	-	-	-	-	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG252F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG255F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
HCG337F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG288F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG270F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
HCG211F										
	ALOPECIA: VENTRAL CERVICAL SLIGHT	-	-	-	-	-	+	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	-	+	-	-	-
	ALOPECIA: LEFT FOREPAW SLIGHT	-	-	-	-	+	-	-	-	-
	ALOPECIA: RIGHT FOREPAW MODERATE	-	-	-	-	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	+	-	+	-	-	-
HCG300F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG320F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG266F										
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	+	+	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	+	-	-	+	+	+	-	-	-

APPENDIX F - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME=	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG213F											
	ANIMAL DEAD		+	-	-	-	-	-	-	-	-
HCG210F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	-	+	-
HCG306F											
	BOTH EARS SWOLLEN SLIGHT		+	+	-	+	-	-	-	-	-
	BOTH EARS SWOLLEN MODERATE		-	-	+	-	+	+	-	-	+
	BOTH EARS RED SLIGHT		-	-	-	+	-	-	-	-	-
	BOTH EARS RED MODERATE		-	-	+	-	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER		-	-	-	-	-	-	-	-	+
HCG299F											
	ALOPECIA: BOTH FOREPAWS SLIGHT		+	+	+	+	+	+	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT		-	-	+	+	+	+	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT		-	+	-	-	-	-	-	-	-
HCG268F											
	ANIMAL DEAD		+	-	-	-	-	-	-	-	-
HCG226F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
HCG312F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	+
	ANIMAL KILLED: DID NOT DELIVER		-	-	-	-	-	-	-	-	+
HCG253F											
	MATING NOT CONFIRMED: NO OBSERVATIONS		+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER		-	-	-	-	-	-	-	-	+
HCG284F											
	ANIMAL DEAD		+	-	-	-	-	-	-	-	-
HCG227F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
HCG293F											
	ALOPECIA: BOTH FOREPAWS SLIGHT		-	+	+	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE		-	-	-	+	+	+	-	-	-
	ALOPECIA: LEFT FOREPAW SLICHT		+	-	-	-	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT		-	-	+	-	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE		-	-	-	+	+	+	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT		-	+	-	-	-	-	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	+	-	-
HCG259F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
	MALOCCLUDED INCISORS		-	-	-	-	-	-	-	-	+
	ANIMAL KILLED: DID NOT DELIVER		-	-	-	-	-	-	-	-	+

APPENDIX F - INDIVIDUAL GESTATION OBSERVATIONS - P1/F1B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	TERM
HCG230F										
	NO OBSERVABLE ABNORMALITIES	+	-	+	-	+	+	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	+	-	-	-	-	-
	ALOPECIA: LEFT FOREPAW SLIGHT	-	-	-	-	-	-	-	-	+
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	+	-	-	-	-	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	+	-	-	-	-	-	-	+
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+
HCG315F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
HCG273F										
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	+	+	+	-	+	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	+	-	-	-	-	-	-	-
	ALOPECIA: RIGHT FOREPAW MODERATE	+	-	-	-	-	-	-	-	-
	MISSED OBSERVATION	-	-	-	-	-	+	-	-	-
HCG209F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
HCG292F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
	ANIMAL KILLED: DID NOT DELIVER	-	-	-	-	-	-	-	-	+

APPENDIX G - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0 MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG222F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG224F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG321F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG251F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	-	-	+
	ALOPECIA: LEFT FOREPAW SLIGHT	-	-	-	-	+	-
HCG274F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG256F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG237F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG236F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG287F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG336F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	+	+	+	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	-	+	+
	ALOPECIA: RIGHT FOREPAW SLIGHT	+	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	+	+
	ALOPECIA: LEFT FORELEG SLIGHT	-	+	+	+	-	-
HCG280F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG322F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG250F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG219F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG235F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG272F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG313F							
	ANIMAL DEAD	+	-	-	-	-	-

APPENDIX G - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG338F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG281F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG319F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG207F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG286F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG271F							
	NO OBSERVABLE ABNORMALITIES	+	+	-	-	+	+
	LEFT EAR SWOLLEN SLIGHT	-	-	+	+	-	-
HCG261F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG229F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG218F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG247F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG308F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG297F							
	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	+	+	+	+
HCG267F							
	ANIMAL DEAD	+	-	-	-	-	-

APPENDIX G - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50 MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG340F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG334F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG311F	BOTH EARS SWOLLEN SLIGHT	+	+	+	+	+	+
	BOTH EARS RED SLIGHT	-	-	-	-	+	+
HCG282F	ANIMAL DEAD	+	-	-	-	-	-
HCG212F	NO OBSERVABLE ABNORMALITIES	-	+	+	+	+	+
	VAGINA: RED EXUDATE	+	-	-	-	-	-
HCG245F	NO OBSERVABLE ABNORMALITIES	-	-	-	-	+	+
	MALOCCLUDED INCISORS	-	-	+	+	-	-
	LEFT UPPER INCISOR MISSING	+	+	-	-	-	-
	LEFT UPPER INCISOR BROKEN	-	-	+	+	-	-
HCG326F	ANIMAL DEAD	+	-	-	-	-	-
HCG257F	ANIMAL DEAD	+	-	-	-	-	-
HCG264F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG333F	ANIMAL DEAD	+	-	-	-	-	-
HCG278F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG332F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG327F	ALOPECIA: RIGHT FOREPAW SLIGHT	+	+	+	+	+	+
HCG241F	ANIMAL DEAD	+	-	-	-	-	-
HCG318F	ANIMAL DEAD	+	-	-	-	-	-
HCG231F	ANIMAL DEAD	+	-	-	-	-	-
HCG283F	ANIMAL DEAD	+	-	-	-	-	-

APPENDIX G - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG244F							
	ALOPECIA: VENTRAL CERVICAL SLIGHT	-	-	-	-	+	+
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	-
	ALOPECIA: LEFT FOREPAW SLIGHT	-	-	-	-	-	+
	ALOPECIA: RIGHT HINDLEG SLIGHT	-	-	-	-	+	+
	ALOPECIA: LEFT HINDPAW MODERATE	-	-	-	-	-	+
HCG214F							
	ALOPECIA: VENTRAL CERVICAL SLIGHT	-	-	-	-	+	+
	ALOPECIA: VENTRAL ABDOMEN SLIGHT	-	-	-	-	+	+
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+
HCG269F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG243F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG290F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG301F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG208F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG233F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG232F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG325F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	-
	RIGHT EYE: DRY RED OCULAR DISCHARGE SLIGHT	-	-	-	-	+	+
HCG305F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG234F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG298F							
	ANIMAL DEAD	+	-	-	-	-	-

APPENDIX G - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160 MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG215F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG220F							
	NO OBSERVABLE ABNORMALITIES	-	+	+	+	+	+
	VAGINA: RED EXUDATE	+	-	-	-	-	-
HCG316F							
	NO OBSERVABLE ABNORMALITIES	-	+	+	+	+	+
	VAGINA: RED EXUDATE	+	-	-	-	-	-
HCG296F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG275F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG329F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG260F							
	RIGHT EYE: DRY RED OCULAR DISCHARGE SLIGHT	-	-	-	-	-	+
	RIGHT EYE: DRY RED OCULAR DISCHARGE MODERATE	+	+	+	+	+	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+
	ALOPECIA: AROUND RIGHT EYE SLIGHT	+	+	+	+	+	+
	BOTH UPPER INCISORS BROKEN	+	+	+	+	+	+
	RIGHT EYE SWOLLEN SLIGHT	-	+	+	+	+	-
HCG295F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG240F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	+	+
	RIGHT EAR SWOLLEN SLIGHT	-	-	-	+	-	-
HCG291F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	-	-
	MALOCCLUDED INCISORS	-	-	-	+	+	-
	TEETH CUT	-	-	-	-	+	+
	ALOPECIA: AROUND RIGHT EYE SLIGHT	-	-	-	-	-	+
	BOTH EYES: DRY RED OCULAR DISCHARGE SLIGHT	-	-	-	-	+	-
	BOTH EYES: DRY RED OCULAR DISCHARGE MODERATE	-	-	-	+	-	-
	ALOPECIA: AROUND BOTH EYES SLIGHT	-	-	-	-	+	-
	SORES: PALATE	-	-	-	-	+	-
	ALOPECIA: AROUND LEFT EYE MODERATE	-	-	-	-	-	+
HCG335F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG238F							
	ANIMAL DEAD	+	-	-	-	-	-

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[illegible]

APPENDIX G - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG258F							
	NO OBSERVABLE ABNORMALITIES	+	+	-	-	-	-
	ALOPECIA: LEFT FORELEG SLIGHT	-	-	+	+	+	+
HCG330F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG277F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG317F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG221F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG331F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG339F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG323F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG307F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG314F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG225F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG217F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG263F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG254F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG242F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG304F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	-	-	+	+	+
HCG276F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG302F							
	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	+	+	+	+
	ALOPECIA: BOTH FORELEGS MODERATE	+	+	+	+	+	-

APPENDIX G - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500 MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG248F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG294F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG262F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG309F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG252F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG255F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG337F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG288F							
	NO OBSERVABLE ABNORMALITIES	-	+	+	+	+	+
	VAGINA: RED EXUDATE	+	-	-	-	-	-
HCG270F							
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	-	-	+
	ALOPECIA: LEFT FOREPAW SLIGHT	-	-	-	+	+	-
	ALOPECIA: RIGHT FOREPAW MODERATE	+	+	+	+	+	-
	ALOPECIA: BOTH FORELEGS MODERATE	-	-	-	-	-	+
	ALOPECIA: LEFT FORELEG SLIGHT	+	+	+	+	+	-
	ALOPECIA: RIGHT FORELEG MODERATE	+	+	+	+	+	-
HCG211F							
	ALOPECIA: VENTRAL CERVICAL SLIGHT	+	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	+	+	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	-	-	+	+	+	+
	ALOPECIA: LEFT FORELEG MODERATE	-	+	-	-	-	-
	ALOPECIA: LEFT HINDLEG SLIGHT	-	-	-	-	-	+
	ALOPECIA: RIGHT HINDLEG SLIGHT	-	-	-	-	+	-
	ALOPECIA: RIGHT HINDLEG MODERATE	-	-	-	-	-	+
HCG300F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG320F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG266F							
	RIGHT UPPER INCISOR: MISSING	-	-	-	-	-	+
	TEETH CUT	-	-	-	-	-	+
	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	+	-	-	-

APPENDIX G - INDIVIDUAL LACTATION OBSERVATIONS - P1/F1B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500 MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
HCG266F	CONT.						
	ALOPECIA: BOTH FOREPAWS EXTREME	-	-	-	+	+	+
	LEFT UPPER INCISOR BROKEN	-	-	-	-	-	+
HCG213F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG210F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG306F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG299F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+
HCG268F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG226F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG312F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG253F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG284F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG227F							
	NO OBSERVABLE ABNORMALITIES	+	+	-	+	+	+
HCG293F							
	ALOPECIA: BASE OF TAIL MODERATE	-	-	-	-	-	+
	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	+	+	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	+	+
	ALOPECIA: BOTH FORELEGS MODERATE	+	+	+	+	-	-
	ALOPECIA: DORSAL LUMBAR SLIGHT	-	-	-	-	-	+
HCG259F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG230F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG315F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
HCG273F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	+
HCG209F							
	ANIMAL DEAD	+	-	-	-	-	-
HCG292F							
	ANIMAL DEAD	+	-	-	-	-	-

APPENDIX H - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 MALES
(GRAMS)
DOSE: 0 MG/KG

TIME=	0 DAYS	1 DAYS	7 DAYS	14 DAYS	21 DAYS	28 DAYS	35 DAYS	42 DAYS	49 DAYS	56 DAYS	63 DAYS	70 DAYS	77 DAYS
HCG115M	202.8	202.4	259.0	315.4	359.0	396.2	426.5	453.4	470.8	494.2	512.8	530.0	529.4
HCG086M	206.1	209.9	269.1	322.9	363.4	395.2	424.5	448.8	475.6	495.3	516.8	528.9	514.2
HCG196M	201.3	200.7	254.0	300.8	334.4	361.2	393.8	415.8	424.0	448.9	464.5	477.9	474.3
HCG143M	219.4	220.5	280.3	327.9	309.1	416.9	452.4	482.2	505.3	535.9	554.0	576.4	572.9
HCG140M	208.5	201.8	257.0	301.2	338.4	364.9	386.5	410.1	421.8	446.8	456.4	474.0	469.6
HCG082M	220.3	218.4	281.5	340.8	396.2	437.0	467.0	501.0	522.9	554.4	573.7	588.1	587.2
HCG166M	223.2	223.1	284.2	331.0	372.8	412.1	440.5	465.6	480.6	507.9	522.1	549.2	540.5
HCG142M	228.5	226.7	290.5	345.3	387.7	424.3	457.5	476.4	489.8	511.0	509.9	526.7	505.2
HCG071M	226.6	227.8	283.9	336.3	382.2	421.5	444.7	468.5	485.2	513.6	524.6	533.1	507.9
HCG160M	229.5	226.6	289.9	345.6	393.9	432.6	467.5	498.5	519.8	546.5	566.4	583.6	570.0
HCG074M	237.6	233.5	295.8	350.2	390.5	432.9	411.7	457.7	479.2	503.3	524.4	528.5	524.5
HCG127M	221.2	216.6	274.7	321.9	362.4	394.0	423.6	450.2	465.0	492.7	503.2	528.9	516.2
HCG105M	243.2	242.0	305.2	357.9	396.8	440.4	470.3	494.0	518.0	537.2	562.8	574.3	566.0
HCG169M	232.8	231.4	291.5	345.4	371.5	428.8	462.8	489.0	511.1	542.1	555.0	575.6	578.0
HCG198M	226.6	228.3	282.6	326.8	367.4	402.2	427.3	461.6	480.1	508.7	532.6	551.8	535.6
HCG135M	221.5	221.7	280.3	330.7	372.7	408.6	430.8	460.3	474.0	499.1	506.3	523.1	517.8
HCG158M	225.3	222.5	270.6	313.6	346.9	379.4	399.7	422.0	438.1	461.5	470.5	484.8	483.8
HCG153M	238.6	239.6	295.6	344.0	380.3	418.3	446.9	469.2	486.8	516.9	535.4	555.7	547.5
HCG084M	245.5	247.7	311.7	369.1	413.1	450.9	483.3	514.5	539.9	562.3	576.2	601.8	589.2
HCG073M	224.8	222.5	283.4	326.3	374.9	403.7	429.8	456.3	479.1	497.0	518.7	533.2	521.1
HCG118M	230.9	234.0	289.9	345.4	391.0	427.1	460.9	488.6	506.6	536.8	556.9	580.5	568.8
HCG089M	225.6	227.7	278.1	332.0	370.5	404.2	396.2	435.7	455.0	485.8	492.9	507.5	499.7
HCG156M	240.6	243.9	305.9	356.2	395.3	429.6	461.0	485.6	500.8	536.0	544.7	560.0	547.5
HCG109M	215.5	214.2	266.6	306.4	343.4	370.5	402.2	418.4	433.1	458.0	473.3	482.2	478.9
HCG129M	215.9	217.1	275.7	321.0	357.2	383.7	401.8	425.3	432.1	459.1	470.2	478.7	477.1
HCG178M	216.5	214.4	268.2	314.2	354.2	388.7	420.0	447.5	471.0	504.7	522.2	540.5	541.1
HCG093M	216.1	218.2	277.8	335.6	373.1	415.8	441.6	473.1	487.8	507.0	523.8	543.3	535.1
HCG192M	241.6	245.4	314.7	367.4	403.0	441.8	471.0	494.0	495.5	525.9	545.5	564.7	572.4
HCG131M	251.9	254.7	333.9	399.4	452.9	492.0	542.7	580.0	607.7	645.9	670.1	699.5	689.2
HCG099M	230.7	233.8	286.8	331.4	373.3	405.1	437.6	465.1	485.3	519.4	532.0	551.1	551.0
MEAN	225.6	225.6	284.6	335.4	374.3	412.7	439.4	466.9	484.7	511.8	527.3	544.5	537.1
STD.DEV.	12.6	13.6	17.7	21.4	27.1	27.7	32.9	34.6	37.7	39.7	42.4	45.6	45.2
N	30	30	30	30	30	30	30	30	30	30	30	30	30

APPENDIX H - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 MALES (CONT.)
(GRAMS)
DOSE: 0 MG/KG (CONT.)

TIME=	8 4 DAYS	9 1 DAYS	9 8 DAYS	10 5 DAYS	11 2 DAYS	11 9 DAYS	12 6 DAYS	13 3 DAYS	14 0 DAYS	14 7 DAYS	15 4 DAYS	16 1 DAYS	16 8 DAYS
HCG115M	539.7	545.8	547.7	583.1	595.2	609.3	617.7	627.1	642.0	653.1	653.9	657.1	649.8
HCG086M	541.4	568.7	581.3	592.1	603.4	627.2	638.5	644.2	659.2	668.4	670.4	653.7	640.7
HCG196M	486.4	506.7	513.8	527.4	529.8	545.2	555.5	559.0	569.5	562.4	561.1	573.2	572.9
HCG143M	596.4	622.8	630.8	653.5	666.4	685.1	701.6	699.5	700.9	718.0	725.5	728.2	707.1
HCG140M	480.2	494.5	499.4	521.4	526.7	537.3	542.6	540.8	552.0	556.6	555.4	557.2	547.9
HCG082M	611.7	631.8	649.5	674.0	678.8	697.6	706.3	713.6	726.7	734.9	731.7	738.2	729.5
HCG166M	552.0	566.7	571.6	600.2	607.7	623.7	628.5	623.1	637.0	638.4	637.0	646.2	657.4
HCG142M	520.3	556.2	566.0	596.1	599.5	615.1	624.3	620.8	631.5	637.1	626.1	641.8	637.3
HCG071M	516.4	531.3	535.5	552.0	557.0	573.7	577.5	577.2	588.1	596.6	597.8	593.9	583.3
HCG160M	587.8	602.1	616.9	633.0	648.0	661.4	672.3	674.7	694.9	699.3	692.3	681.4	681.5
HCG074M	553.0	558.0	569.1	587.8	589.9	608.2	610.4	606.0	611.0	617.9	615.9	620.9	628.1
HCG127M	535.6	552.6	557.8	582.7	575.0	594.2	602.0	600.4	610.8	615.5	614.2	619.5	625.5
HCG105M	583.7	598.4	609.0	621.8	624.1	637.9	642.4	640.6	653.1	651.8	645.9	645.3	657.7
HCG169M	593.3	618.8	624.1	629.4	638.7	651.5	666.3	662.5	672.0	677.1	674.7	648.4	654.4
HCG198M	551.5	577.6	590.2	600.3	610.4	617.3	627.4	626.2	641.0	651.9	642.8	641.3	654.7
HCG133M	530.4	542.3	549.7	484.8	549.0	578.5	593.6	592.3	607.5	616.7	608.9	607.7	589.3
HCG158M	501.4	514.1	522.6	537.9	542.4	561.4	575.4	581.3	591.1	602.3	601.1	600.3	601.1
HCG153M	546.7	548.4	565.3	592.5	602.3	622.4	634.0	638.3	653.5	668.4	664.5	677.3	677.9
HCG084M	617.0	629.1	647.3	674.9	688.2	700.6	715.7	715.7	731.4	738.6	725.6	73[illegible].7	742.6
HCG073M	552.4	562.4	574.2	581.7	584.0	612.8	622.2	623.7	636.5	646.0	645.1	64[illegible].[illegible]	653.1
HCG118M	594.3	607.7	621.9	638.1	633.7	651.1	663.9	669.4	683.9	695.2	691.5	698.[illegible]	717.7
HCG089M	526.5	543.1	553.0	575.0	578.8	584.9	593.2	594.4	594.8	563.0	553.6	566.3	570.3
HCG156M	577.2	594.3	603.3	610.2	615.2	637.5	651.1	653.6	669.9	676.7	661.7	655.4	665.9
HCG109M	500.2	515.2	525.3	532.6	542.7	550.7	558.0	566.1	576.9	586.1	585.6	587.9	596.6
HCG129M	539.3	502.5	504.4	524.0	524.3	541.1	552.3	546.6	554.2	557.5	561.0	568.7	569.7
HCG178M	553.2	571.1	580.0	597.4	594.5	612.6	628.3	620.1	631.4	645.6	652.1	660.9	669.8
HCG093M	540.0	548.2	561.0	575.9	577.5	592.5	610.4	611.5	616.0	626.6	633.2	635.1	638.2
HCG192M	582.5	607.4	611.9	630.5	626.0	644.5	651.4	652.1	673.7	671.4	673.4	681.3	699.2
HCG131M	734.5	761.7	783.2	814.5	826.8	833.9	851.1	870.0	885.1	884.6	887.7	901.8	924.2
HCG099M	555.5	568.2	574.9	591.7	588.4	604.0	615.3	626.5	636.1	647.3	654.3	667.4	676.0
MEAN	555.0	571.6	581.4	597.2	604.1	620.4	631.0	632.6	644.4	650.2	648.1	65[illegible].[illegible]	654.0
STD.DEV.	50.1	52.5	55.7	61.1	60.2	59.2	60.9	63.4	65.0	66.4	66.6	6[illegible].[illegible]	71.2
N	30	30	30	30	30	30	30	30	30	30	30	30	30

APPENDIX H - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 MALES (CONT.)
(GRAMS)
DOSE: 0 MG/KG (CONT.)

TIME=	1 7 5 DAYS	1 8 2 DAYS	1 8 9 DAYS	1 9 6 DAYS	2 0 3 DAYS	2 1 0 DAYS
HCG115M	679.5	680.5	687.3	686.9	693.0	704.0
HCG086M	666.5	676.0	702.6	723.0	743.8	702.3
HCG196M	512.0	557.2	568.8	581.2	570.8	583.1
HCG143M	731.7	746.7	746.4	769.8	781.4	799.6
HCG140M	574.5	579.0	573.6	590.0	588.8	605.1
HCG082M	724.6	743.7	764.1	785.4	798.2	811.8
HCG166M	665.5	662.4	669.4	674.1	672.1	696.7
HCG142M	644.7	656.8	669.9	679.6	683.6	699.9
HCG071M	601.7	605.7	618.4	626.6	630.2	644.9
HCG160M	709.2	710.1	718.1	726.9	725.7	737.4
HCG074M	641.6	631.2	644.2	648.0	642.4	656.0
HCG127M	640.3	636.8	645.3	657.8	662.1	670.4
HCG105M	659.6	663.3	675.2	681.7	682.4	696.1
HCG169M	659.2	666.3	683.9	693.6	689.5	698.7
HCG198M	655.2	665.7	676.1	681.3	687.2	696.8
HCG133M	596.6	605.2	625.1	635.7	644.0	660.6
HCG158M	605.2	618.7	635.2	649.5	658.2	669.6
HCG153M	698.9	697.1	710.5	720.2	719.0	731.7
HCG084M	756.1	759.0	774.8	788.9	717.4	781.5
HCG073M	676.5	677.1	691.5	712.2	694.7	704.1
HCG118M	724.6	732.3	745.7	767.5	764.2	775.3
HCG089M	591.2	593.0	610.4	612.3	617.0	616.6
HCG156M	673.2	685.1	698.9	712.4	725.3	735.0
HCG109M	604.6	604.6	621.0	631.0	625.8	630.9
HCG129M	584.1	576.0	586.9	593.6	592.7	607.5
HCG178M	678.9	686.1	690.2	705.9	693.2	701.7
HCG093M	645.2	638.7	643.5	655.6	653.3	661.3
HCG192M	702.5	695.7	700.2	715.3	717.8	739.7
HCG131M	946.2	959.6	970.9	983.3	988.8	1000.1
HCG099M	680.0	686.7	697.1	705.6	702.4	714.2
MEAN	664.3	669.9	681.5	693.2	692.2	704.4
STD.DEV.	75.6	75.6	75.9	78.0	78.3	79.3
N	30	30	30	30	30	30

APPENDIX H - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 MALES (CONT.)
(GRAMS)
DOSE: 50 MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
HCG171M	182.0	183.8	224.9	259.2	291.5	318.6	343.5	368.2	382.6	406.5	418.0	438.3	445.7
HCG132M	205.8	202.7	256.9	297.7	331.0	359.1	385.0	408.3	413.6	446.1	452.5	465.4	449.6
HCG194M	207.2	207.4	263.4	308.6	312.8	371.2	396.1	414.8	433.7	461.7	473.2	492.1	489.3
HCG081M	218.6	218.5	281.1	338.0	396.1	439.4	481.8	517.8	539.5	573.6	592.8	618.0	609.2
HCG141M	219.0	216.8	273.7	317.9	364.3	397.7	422.1	441.8	458.0	476.6	491.5	510.3	500.6
HCG190M	202.8	203.7	256.5	301.0	339.6	372.7	408.0	433.2	445.1	473.0	488.0	504.1	500.8
HCG098M	205.9	206.2	256.5	297.0	336.0	368.1	390.3	412.0	426.8	456.5	469.3	486.7	492.6
HCG181M	195.8	197.0	241.8	272.4	304.4	326.4	348.5	373.0	384.5	398.5	407.1	426.6	419.1
HCG119M	236.8	239.2	307.8	374.9	436.6	484.7	517.1	554.4	580.6	617.9	642.9	664.9	660.8
HCG189M	208.2	208.0	256.0	291.6	324.4	346.7	364.2	380.2	389.5	404.6	409.6	423.1	424.9
HCG199M	242.8	243.9	306.6	359.4	406.4	445.1	471.3	491.3	507.4	535.7	553.5	570.0	565.2
HCG177M	241.7	241.3	301.3	345.7	387.5	425.9	454.8	481.5	496.4	527.1	546.5	558.6	565.5
HCG122M	233.3	237.2	300.7	357.2	401.8	439.0	460.4	489.4	510.6	538.9	559.2	590.1	568.2
HCG116M	233.2	233.2	295.7	349.6	406.9	449.6	481.0	516.1	536.5	577.9	598.8	621.6	609.5
HCG188M	211.5	210.6	261.3	300.2	294.8	339.4	361.3	387.8	396.2	421.9	438.1	446.7	421.5
HCG154M	222.2	224.4	281.8	329.2	372.2	417.6	451.2	477.4	493.9	522.9	545.6	564.7	565.3
HCG164M	231.7	233.0	288.6	329.6	368.8	393.6	416.4	441.8	447.9	470.8	475.8	489.2	484.6
HCG124M	231.9	236.2	293.2	338.3	372.1	399.6	422.5	446.7	456.3	476.9	493.7	518.3	514.7
HCG087M	236.9	236.3	297.3	334.1	375.7	407.2	439.2	463.2	479.6	505.2	515.3	533.0	524.6
HCG120M	208.5	210.9	261.0	301.4	336.7	373.9	397.3	424.7	445.1	470.0	482.3	500.5	496.2
HCG137M	242.9	241.1	294.9	339.8	378.4	415.8	432.4	450.8	460.8	485.2	503.1	518.2	520.9
HCG180M	241.9	243.3	302.8	358.8	404.8	449.2	473.8	499.8	509.3	537.4	529.9	560.9	557.8
HCG075M	232.7	233.1	298.0	346.2	394.9	429.8	468.3	498.3	513.5	540.3	561.2	577.6	573.9
HCG152M	216.2	217.5	274.6	319.5	357.3	393.1	423.7	445.0	459.0	483.6	499.6	508.1	500.5
HCG100M	222.9	221.2	281.2	328.3	369.0	402.0	428.5	451.6	469.3	495.7	518.7	530.2	532.7
HCG088M	214.6	215.5	275.4	320.4	364.2	397.9	429.7	454.9	463.6	492.1	499.7	522.1	524.1
HCG203M	205.6	205.9	255.9	290.0	319.8	352.3	378.1	399.6	412.1	435.1	454.2	468.1	464.7
HCG146M	240.5	242.7	295.3	342.2	356.8	434.7	469.0	505.4	520.0	557.4	573.7	601.7	607.2
HCG193M	233.4	233.9	295.3	347.7	392.5	428.0	457.5	481.5	494.9	522.6	538.5	561.0	555.6
HCG083M	241.6	241.0	297.8	343.9	375.0	393.8	427.5	457.1	473.0	508.3	534.8	562.2	565.9
MEAN	222.3	222.9	279.2	324.7	362.4	399.1	426.7	452.3	466.6	494.0	508.9	527.7	523.7
STD.DEV.	16.4	16.6	21.5	27.7	36.7	40.3	43.4	46.7	49.5	53.9	57.2	60.2	60.6
N	30	30	30	30	30	30	30	30	30	30	30	30	30

APPENDIX H - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 MALES (CONT.)
(GRAMS)
DOSE: 50 MG/KG (CONT.)

TIME=	84 DAYS	91 DAYS	98 DAYS	105 DAYS	112 DAYS	119 DAYS	126 DAYS	133 DAYS	140 DAYS	147 DAYS	154 DAYS	161 DAYS	168 DAYS
HCG171M	458.8	467.2	478.2	490.3	496.4	511.7	532.2	542.4	552.7	557.9	555.3	564.5	565.0
HCG132M	465.2	478.9	482.1	499.9	502.5	514.1	520.9	515.8	522.4	526.7	516.1	519.6	510.8
HCG194M	511.8	520.4	532.1	503.1	519.7	543.4	559.7	564.1	573.6	578.5	570.6	590.2	578.9
HCG081M	649.6	664.7	677.9	699.3	709.3	731.6	750.3	750.4	768.8	774.6	765.9	780.4	773.5
HCG141M	521.7	527.8	543.6	554.6	564.8	574.4	583.8	583.0	592.9	603.1	605.9	608.3	605.3
HCG190M	520.5	527.4	540.9	554.1	563.5	580.7	594.2	596.4	606.9	610.5	603.4	611.5	591.9
HCG098M	508.3	518.8	530.0	540.5	549.4	558.7	572.3	577.8	589.7	598.5	596.5	608.9	616.9
HCG181M	437.4	446.2	455.2	470.6	473.9	481.4	492.8	495.3	504.6	506.7	507.3	503.6	510.3
HCG119M	692.9	713.9	737.9	756.7	760.2	794.4	817.2	824.0	841.2	854.0	843.1	855.6	843.5
HCG189M	431.0	441.7	452.6	466.5	474.1	480.5	489.0	490.8	497.3	505.7	500.1	494.9	490.9
HCG199M	579.5	592.1	606.0	622.8	631.5	644.0	660.4	654.2	672.7	681.9	672.4	689.4	696.8
HCG177M	581.9	597.6	606.3	626.3	626.5	629.8	639.9	646.2	655.0	662.7	663.4	666.6	663.1
HCG122M	608.9	624.8	648.0	665.5	677.2	697.4	703.4	724.0	741.4	749.0	748.5	751.1	742.0
HCG116M	639.6	662.5	680.8	706.1	719.5	739.0	765.4	766.1	785.1	792.6	776.5	775.8	795.8
HCG188M	458.2	466.9	471.0	486.8	490.6	505.8	506.0	512.5	527.0	537.1	527.4	543.7	531.5
HCG154M	564.6	567.3	588.1	603.8	618.3	636.3	637.6	648.2	662.1	674.1	683.1	668.3	672.4
HCG164M	502.2	512.1	514.0	532.0	538.4	546.4	556.9	549.1	563.7	571.1	576.5	582.9	583.5
HCG124M	529.1	547.3	561.9	577.6	578.5	597.0	604.4	598.9	618.8	620.0	621.3	623.5	609.0
HCG087M	549.1	556.6	573.4	593.9	596.9	604.5	617.0	626.5	636.5	641.0	627.6	633.5	631.3
HCG120M	519.0	529.8	542.7	556.4	556.8	571.0	583.7	585.5	592.1	596.9	595.2	607.0	616.3
HCG137M	535.3	544.9	551.4	557.7	566.7	572.4	582.2	585.2	607.1	607.8	610.0	624.1	624.4
HCG180M	570.6	582.3	594.6	604.3	606.0	615.7	633.7	625.6	637.1	637.6	637.4	639.9	645.8
HCG075M	580.5	601.3	616.3	641.0	647.4	663.4	680.8	692.2	700.9	712.3	703.2	707.5	709.6
HCG152M	521.8	529.2	539.7	557.2	557.0	571.0	585.4	582.7	591.8	596.7	594.0	600.6	599.0
HCG100M	548.2	560.9	572.8	592.6	596.7	611.8	621.8	629.3	638.5	648.2	643.7	652.4	671.8
HCG088M	546.5	553.2	569.4	585.3	588.9	599.5	613.0	607.4	628.7	636.5	634.7	642.1	653.6
HCG203M	484.4	493.5	508.2	519.8	524.4	541.3	550.8	558.2	569.7	578.7	584.4	600.3	613.5
HCG146M	634.1	649.6	672.5	685.7	690.8	717.5	735.5	755.9	772.1	768.2	779.4	796.0	807.7
HCG193M	574.9	587.1	602.8	612.5	619.0	637.2	645.5	642.6	660.5	658.0	658.2	670.7	681.9
HCG083M	592.9	612.9	629.0	647.7	659.5	673.4	688.6	697.6	712.7	721.5	732.8	739.8	738.5
MEAN	544.0	556.0	569.3	583.7	590.1	604.8	617.5	620.9	634.1	640.3	637.8	645.1	645.8
STD.DEV.	63.9	67.0	70.8	74.0	74.7	78.7	81.7	84.0	86.4	86.8	86.6	87.6	89.4
N	30	30	30	30	30	30	30	30	30	30	30	30	30

APPENDIX H - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 MALES (CONT.)
(GRAMS)
DOSE: 50 MG/KG (CONT.)

TIME=	1 7 5 D A Y S	1 8 2 D A Y S	1 8 9 D A Y S	1 9 6 D A Y S	2 0 3 D A Y S	2 1 0 D A Y S
HCG171M	581.9	583.8	599.3	606.3	617.2	630.9
HCG132M	532.7	535.0	546.4	553.0	560.4	564.8
HCG194M	600.6	600.1	607.6	616.7	626.1	638.8
HCG081M	816.7	817.0	835.8	841.9	851.0	878.3
HCG141M	624.9	623.4	634.1	636.5	649.0	665.2
HCG190M	624.4	633.0	644.9	650.5	661.6	676.0
HCG098M	625.1	625.7	638.3	648.0	654.2	663.2
HCG181M	523.4	524.3	533.2	538.7	551.6	560.5
HCG119M	883.0	883.3	891.6	908.3	922.3	937.8
HCG189M	496.1	504.7	515.8	529.7	533.6	543.9
HCG199M	710.8	715.5	725.0	687.4	681.2	706.3
HCG177M	677.1	681.7	688.7	694.4	703.7	711.8
HCG122M	749.6	772.7	795.1	808.0	816.9	814.4
HCG116M	818.1	828.3	843.2	864.8	877.4	891.3
HCG188M	553.6	552.6	562.1	567.8	484.6	561.5
HCG154M	703.9	712.5	727.2	735.4	750.6	766.6
HCG164M	592.2	591.6	597.7	603.9	603.5	620.8
HCG124M	632.8	637.5	639.6	643.3	646.9	662.1
HCG087M	640.0	649.9	666.9	677.8	679.8	689.7
HCG120M	627.0	624.1	637.1	644.2	655.5	663.0
HCG137M	629.1	632.3	650.0	658.4	668.3	678.8
HCG180M	659.7	648.8	667.3	674.6	673.5	684.6
HCG075M	728.1	735.3	758.0	776.5	771.6	790.1
HCG152M	609.3	608.6	619.7	627.1	630.3	645.0
HCG100M	675.4	666.8	689.0	696.2	708.5	717.4
HCG088M	660.2	660.1	666.9	676.4	676.8	688.8
HCG203M	624.8	623.9	634.0	636.4	640.9	651.4
HCG146M	820.9	817.1	831.8	830.2	842.9	861.1
HCG193M	690.8	690.3	696.6	703.0	708.3	716.1
HCG083M	752.7	750.3	753.0	773.6	779.4	753.7
MEAN	662.2	664.3	676.5	683.6	687.6	701.1
STD.DEV.	92.9	93.7	95.1	96.7	102.9	99.7
N	30	30	30	30	30	30

APPENDIX H - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 MALES (CONT.)
(GRAMS)
DOSE: 160 MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
HCG145M	209.1	214.3	271.9	323.3	372.0	415.4	442.4	471.0	489.4	512.4	530.8	546.9	543.6
HCG179M	189.3	188.4	236.6	275.5	310.0	341.3	363.6	384.9	397.0	423.9	433.7	447.0	439.3
HCG077M	208.8	207.8	272.1	326.7	374.0	411.9	439.7	468.2	489.0	513.0	532.1	551.0	541.0
HCG165M	222.0	218.1	286.2	333.7	377.0	409.8	435.3	453.4	468.8	497.9	508.6	535.9	532.7
HCG080M	216.3	214.4	278.3	322.3	366.7	406.5	429.5	452.3	468.9	485.6	489.8	507.2	500.3
HCG136M	205.7	202.1	255.1	294.1	332.0	361.3	384.9	409.0	419.7	450.4	460.8	473.3	472.3
HCG125M	212.0	215.5	270.6	318.8	358.6	388.5	406.3	426.8	440.9	462.1	476.9	492.6	480.1
HCG095M	226.4	224.4	292.1	349.3	403.3	452.4	494.5	529.9	557.4	600.0	620.9	642.2	624.3
HCG176M	221.2	217.8	276.7	322.7	358.2	394.4	413.3	438.8	444.6	474.3	489.9	505.1	483.5
HCG097M	224.4	226.3	284.6	325.0	368.3	393.0	424.3	449.4	403.7	463.0	474.6	491.1	480.6
HCG202M	230.3	227.1	280.4	321.0	365.5	403.9	437.7	461.3	477.3	501.0	518.9	534.8	523.0
HCG173M	246.6	244.7	323.9	381.1	442.3	486.7	524.6	552.4	578.3	615.3	639.7	665.0	649.0
HCG111M	232.7	232.4	285.3	336.4	377.5	420.9	452.2	480.8	501.3	528.4	546.6	562.7	553.4
HCG150M	241.7	244.6	314.9	385.8	442.1	482.7	516.3	546.5	566.0	595.8	604.6	619.0	597.3
HCG183M	213.3	216.6	271.7	323.2	368.1	402.9	433.3	463.0	477.0	505.2	519.8	535.2	519.0
HCG138M	222.5	218.7	277.1	325.7	363.5	417.2	450.3	474.1	494.5	515.9	535.9	556.8	553.8
HCG106M	232.8	230.6	283.6	329.0	371.3	403.5	431.4	454.9	465.8	492.8	497.0	520.0	507.6
HCG200M	235.7	234.3	294.3	338.0	371.8	412.7	445.3	470.3	482.6	513.2	527.4	548.7	534.9
HCG102M	244.8	243.5	308.8	352.0	392.7	428.0	463.6	494.8	516.5	544.5	557.8	574.4	570.8
HCG201M	217.5	217.0	272.2	310.8	353.2	376.2	401.0	427.8	447.9	471.4	481.2	497.7	481.6
HCG187M	233.3	232.7	291.7	334.9	379.8	416.4	444.8	469.1	480.7	504.9	516.2	535.5	537.0
HCG186M	230.6	230.4	288.0	335.1	369.5	399.5	428.0	444.1	459.1	429.0	442.0	442.6	418.2
HCG113M	241.3	245.4	317.1	380.6	440.7	493.1	527.5	562.1	583.7	614.5	629.1	651.2	638.6
HCG134M	221.7	227.0	286.8	337.0	385.3	437.2	464.4	492.4	512.2	537.3	563.4	579.4	564.3
HCG204M	215.3	216.4	269.2	315.3	353.5	387.4	416.0	440.5	454.4	479.1	490.4	500.0	497.6
HCG092M	223.9	226.5	288.4	337.8	376.9	412.0	437.9	468.0	483.4	506.8	513.2	525.8	518.6
HCG090M	216.9	233.1	278.2	325.3	363.1	395.5	416.4	440.0	452.2	478.4	496.2	511.7	501.5
HCG163M	217.2	215.8	262.5	292.7	329.0	350.7	366.4	388.7	401.2	420.0	426.4	433.4	435.9
HCG085M	239.3	237.3	301.5	350.3	392.9	426.3	450.6	474.7	488.9	511.6	524.0	543.5	529.7
HCG103M	231.2	232.7	292.3	342.0	391.8	418.8	446.4	473.6	491.1	525.4	538.0	559.3	550.0
MEAN	224.1	224.5	283.7	331.5	375.0	411.5	439.6	465.4	479.8	505.8	519.5	536.3	526.0
STD.DEV.	12.9	13.1	18.2	23.9	29.6	34.8	39.2	42.1	4..7	51.0	53.7	57.0	55.6
N	30	30	30	30	30	30	30	30	30	30	30	30	30

APPENDIX H - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 MALES (CONT.)
(GRAMS)
DOSE: 160 MG/KG (CONT.)

TIME=	8 4 DAYS	9 1 DAYS	9 8 DAYS	10 5 DAYS	11 2 DAYS	11 9 DAYS	12 6 DAYS	13 3 DAYS	14 0 DAYS	14 7 DAYS	15 4 DAYS	16 1 DAYS	16 8 DAYS
HCG145M	561.5	574.0	584.7	598.2	605.2	616.1	630.2	631.8	643.8	653.2	650.1	659.5	656.0
HCG179M	444.2	459.6	470.8	484.6	486.6	492.6	502.4	501.3	502.6	506.1	504.4	501.0	477.4
HCG077M	553.8	552.9	572.7	589.5	595.9	606.2	626.4	617.8	629.9	643.9	633.9	652.3	651.8
HCG165M	557.4	568.2	582.9	607.8	565.3	591.1	619.7	628.4	644.9	654.7	657.7	675.0	661.8
HCG080M	520.0	530.8	541.0	557.3	561.7	572.5	586.2	583.0	594.6	603.3	534.8	597.9	583.9
HCG136M	491.8	506.4	522.4	549.0	556.7	562.0	574.9	587.6	592.2	598.0	596.9	610.3	608.3
HCG125M	498.4	505.8	514.7	524.6	528.6	544.5	550.0	553.9	563.9	568.5	570.0	581.0	583.5
HCG095M	645.2	672.9	690.9	712.6	717.2	732.2	758.8	755.8	768.8	782.3	776.6	780.4	759.9
HCG176M	515.1	530.6	540.1	556.3	568.0	579.5	594.1	593.5	602.7	608.9	613.4	604.7	597.3
HCG097M	497.2	518.4	522.3	533.7	535.4	533.3	543.3	534.1	547.6	563.0	536.2	557.6	538.8
HCG202M	542.9	563.4	567.1	588.7	592.8	605.2	624.1	627.0	634.2	646.3	636.5	654.3	644.3
HCG173M	678.4	692.0	710.0	727.4	736.7	762.3	781.9	775.7	794.9	802.4	796.0	796.6	779.7
HCG111M	572.0	589.2	602.1	625.5	632.0	635.4	662.2	667.6	679.4	680.5	667.3	680.8	695.9
HCG150M	624.0	631.8	649.3	666.7	673.1	687.6	695.1	698.0	709.3	718.9	712.2	708.6	719.5
HCG183M	537.2	549.1	568.6	577.5	582.1	591.5	600.1	601.5	621.7	628.6	623.2	625.6	622.3
HCG138M	574.3	598.5	613.1	630.0	643.5	[illegible]52.3	674.3	686.6	696.3	710.6	716.1	712.1	707.9
HCG106M	519.4	531.9	481.5	508.4	541.6	[illegible]04.9	571.3	574.5	582.3	590.3	595.6	598.7	596.3
HCG200M	561.7	579.4	594.8	612.1	615.7	626.7	637.5	[illegible]40.3	654.4	668.2	660.7	644.3	628.1
HCG102M	579.9	603.9	615.6	658.1	666.4	686.7	703.2	712.0	728.5	746.3	724.7	718.5	727.7
HCG201M	509.8	513.8	531.6	546.3	547.6	554.2	558.1	572.8	570.4	587.1	573.2	581.6	562.9
HCG187M	554.8	574.9	579.9	595.6	602.1	612.0	624.9	635.6	645.7	658.7	655.4	672.3	663.6
HCG186M	445.1	467.2	479.8	495.2	502.6	500.7	511.7	516.5	515.8	521.3	514.3	518.6	520.0
HCG113M	650.1	683.1	706.7	724.9	735.3	751.9	783.4	772.5	789.3	798.6	805.1	813.1	810.7
HCG134M	593.3	606.9	618.6	640.7	650.4	663.0	676.7	675.3	687.4	698.8	696.8	712.4	692.1
HCG204M	519.7	520.4	529.6	540.7	551.2	561.2	568.6	568.0	578.3	583.4	587.2	593.9	602.9
HCG092M	538.9	551.2	559.4	569.5	578.0	597.0	611.3	617.3	621.0	632.6	635.6	644.5	651.2
HCG090M	521.2	528.8	542.1	561.0	561.4	570.3	578.6	581.6	596.2	604.1	613.6	615.7	623.4
HCG163M	438.6	439.2	448.6	450.0	459.2	463.0	474.3	469.8	480.8	482.9	488.2	493.3	501.3
HCG085M	551.1	567.9	577.5	601.6	614.4	635.6	649.0	654.3	672.7	686.6	694.3	709.5	709.9
HCG103M	573.8	592.0	614.0	637.9	647.5	650.3	663.6	664.0	673.4	681.7	684.5	689.1	689.7
MEAN	545.7	560.1	571.1	589.0	595.1	606.4	621.2	623.6	634.1	643.7	640.2	646.8	642.3
STD.DEV.	57.4	60.8	65.3	68.2	68.3	72.1	76.2	75.5	78.4	80.1	80.3	79.6	80.0
N	30	30	30	30	30	30	30	30	30	30	30	30	30

APPENDIX H - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 MALES (CONT.)
(GRAMS)
DOSE: 160 MG/KG (CONT.)

TIME=	1 7 5 D A Y S	1 8 2 D A Y S	1 8 9 D A Y S	1 9 6 D A Y S	2 0 3 D A Y S	2 1 0 D A Y S
HCG145M	679.5	679.2	687.5	692.1	702.3	715.5
HCG179M	509.6	515.0	525.4	532.9	537.3	543.7
HCG077M	660.6	660.1	674.9	676.8	681.2	702.8
HCG165M	684.3	688.8	691.9	705.8	704.7	727.3
HCG080M	611.7	607.0	615.2	623.0	631.0	645.2
HCG136M	617.6	623.1	641.1	653.6	664.9	675.4
HCG125M	589.4	595.7	605.2	609.3	614.6	620.9
HCG095M	799.1	797.8	810.4	817.0	825.3	836.2
HCG176M	607.5	618.9	630.0	639.6	652.2	667.6
HCG097M	569.0	567.5	570.7	578.3	586.7	597.7
HCG202M	666.8	668.4	677.3	683.2	695.0	705.8
HCG173M	789.5	794.9	796.8	817.3	823.2	832.0
HCG111M	706.6	712.7	717.4	725.1	736.8	751.1
HCG150M	719.8	730.4	743.7	754.6	760.7	771.3
HCG183M	637.9	641.8	647.4	655.8	659.8	671.1
HCG138M	722.9	742.9	757.6	760.9	773.6	781.2
HCG106M	615.9	618.7	623.1	632.2	638.1	651.5
HCG200M	641.3	658.5	662.6	678.9	696.0	711.8
HCG102M	724.2	731.3	753.4	775.3	791.1	809.4
HCG201M	597.5	599.4	607.5	618.8	618.5	625.3
HCG187M	677.8	686.7	695.1	701.2	708.4	725.2
HCG186M	531.4	524.0	530.1	540.7	543.6	546.3
HCG113M	834.6	839.0	846.5	857.6	861.5	880.2
HCG134M	706.4	700.3	707.5	714.1	709.0	730.7
HCG204M	603.9	606.4	616.4	624.8	630.4	644.8
HCG092M	664.3	669.0	657.6	661.4	670.6	683.0
HCG090M	630.8	629.1	635.2	637.6	651.5	659.7
HCG162M	501.6	503.3	509.2	509.3	515.1	529.1
HCG085M	731.3	732.2	745.7	758.9	762.5	775.8
HCG103M	701.2	704.2	702.4	709.9	716.8	725.9
MEAN	657.8	661.5	669.5	678.2	685.4	698.1
STD.DEV.	80.0	81.3	82.1	84.0	84.6	86.3
N	30	30	30	30	30	30

APPENDIX H - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 MALES (CONT.)
(GRAMS)
DOSE: 500 MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
HCG144M	213.2	212.4	272.6	254.3	311.1	365.4	396.6	422.1	424.9	433.0	456.1	468.8	412.9
HCG185M	202.3	200.1	250.3	289.0	330.4	362.1	384.6	401.4	422.7	447.5	462.4	479.4	475.7
HCG175M	200.9	205.4	262.1	318.0	367.3	404.2	440.9	467.4	489.9	515.7	541.1	559.4	553.8
HCG094M	199.7	204.0	251.4	287.0	316.4	346.2	368.1	385.3	406.9	421.2	438.5	449.6	455.8
HCG123M	210.4	210.0	275.2	320.9	365.7	403.7	426.6	455.9	471.7	502.1	515.2	538.7	524.6
HCG126M	212.3	214.4	272.0	324.5	365.3	406.3	435.2	463.6	481.1	507.9	531.7	543.1	532.4
HCG108M	215.5	220.9	281.7	329.5	350.6	415.0	448.2	468.1	487.5	514.3	532.5	550.9	529.1
HCG135M	220.4	220.3	274.6	319.1	356.2	387.3	417.5	440.5	455.5	477.9	489.8	507.2	508.1
HCG161M	238.3	237.4	312.5	376.7	439.5	482.3	525.4	552.6	578.1	613.8	638.0	660.0	611.0
HCG195M	234.3	236.7	295.7	341.5	384.9	416.7	440.0	472.4	472.0	497.1	520.6	532.4	505.6
HCG079M	241.2	240.7	307.1	351.0	408.9	454.5	496.7	521.3	543.0	584.9	606.7	632.0	621.4
HCG078M	229.0	232.9	292.3	341.3	375.6	410.1	434.9	457.2	465.2	496.8	509.7	525.6	515.6
HCG072M	243.2	244.1	303.1	354.7	404.5	439.4	467.6	498.9	517.4	547.7	556.6	584.8	590.8
HCG155M	249.6	247.4	310.6	373.3	420.4	461.2	487.5	519.8	541.2	576.4	591.8	618.0	608.3
HCG091M	211.5	214.5	280.7	328.8	374.7	413.2	443.2	461.9	476.3	506.6	522.0	543.5	533.3
HCG148M	211.7	213.0	272.1	312.7	341.6	370.6	391.0	407.8	416.4	436.0	449.4	461.9	454.1
HCG104M	229.2	232.5	294.3	338.4	374.3	404.1	427.7	448.0	459.4	484.8	501.8	513.8	495.7
HCG096M	238.5	235.7	289.6	344.2	380.2	424.0	453.9	482.2	490.6	502.2	512.2	523.0	510.0
HCG130M	228.0	232.0	271.6	307.9	341.9	367.9	380.6	408.5	419.0	440.2	449.8	458.9	456.0
HCG110M	225.0	223.6	282.5	330.3	372.8	412.7	447.1	478.8	496.6	522.7	544.5	569.9	558.8
HCG149M	246.0	247.2	319.2	370.6	394.1	430.0	465.1	499.7	502.0	529.4	543.1	561.5	542.0
HCG174M	229.1	230.3	290.4	341.1	384.3	414.9	434.1	449.8	472.1	494.4	511.0	528.7	524.5
HCG147M	238.3	236.1	302.3	355.4	402.0	440.0	463.2	487.1	506.4	535.3	545.8	568.3	555.6
HCG191M	206.6	203.6	254.6	296.6	334.0	362.7	386.4	407.5	422.8	445.4	456.6	470.7	468.5
HCG139M	238.5	237.7	313.1	370.5	425.1	467.4	502.9	525.1	535.0	569.5	581.9	601.5	585.6
HCG101M	223.5	225.0	289.3	335.4	381.6	418.4	448.6	465.9	479.0	504.8	517.4	531.1	525.4
HCG170M	231.9	237.4	298.7	357.3	411.3	458.6	482.7	517.9	534.0	568.7	584.1	610.4	610.9
HCG182M	235.7	237.0	292.9	334.0	370.0	396.0	418.8	434.8	454.0	465.2	483.6	496.4	503.5
HCG157M	236.1	235.3	297.2	344.5	394.0	429.5	453.6	486.3	494.5	521.4	540.7	564.1	557.8
HCG114M	234.5	236.8	303.5	353.9	398.6	436.0	468.6	495.2	508.4	537.7	552.2	573.4	564.0
MEAN	225.8	226.8	287.1	333.4	375.9	413.3	441.2	466.1	480.8	506.7	522.9	540.9	529.7
STD.DEV.	14.3	13.9	18.7	27.8	31.6	34.0	38.1	41.2	42.4	48.3	49.3	53.5	52.3
N	30	30	30	30	30	30	30	30	30	30	30	30	30

APPENDIX H - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 MALES (CONT.)
(GRAMS)
DOSE: 500 MG/KG (CONT.)

TIME=	84 DAYS	91 DAYS	98 DAYS	105 DAYS	112 DAYS	119 DAYS	126 DAYS	133 DAYS	140 DAYS	147 DAYS	154 DAYS	161 DAYS	168 DAYS
HCG144M	458.1	464.7	489.5	517.3	522.3	530.5	553.8	539.2	563.1	547.7	528.5	547.4	476.6
HCG185M	490.8	507.9	516.1	537.2	544.8	551.8	577.0	574.4	593.8	608.3	606.5	610.6	597.3
HCG175M	568.0	588.0	607.6	629.1	640.2	649.5	668.9	677.7	689.0	694.3	695.8	706.8	707.5
HCG094M	459.1	473.5	479.2	500.4	506.1	517.7	529.2	534.9	548.2	558.4	554.5	541.8	532.1
HCG123M	547.1	571.6	586.8	614.2	625.3	641.6	660.3	657.3	672.9	676.6	669.4	676.5	669.2
HCG126M	551.7	565.2	573.8	593.6	598.4	603.9	622.2	628.9	644.9	653.5	649.4	661.9	663.4
HCG108M	550.2	566.9	573.2	585.9	599.2	596.1	606.0	609.0	624.7	632.3	610.6	619.2	620.5
HCG135M	522.3	533.6	529.4	545.0	550.8	553.5	557.1	561.3	564.6	569.3	567.1	570.9	565.6
HCG161M	607.0	615.1	646.2	671.6	694.3	713.3	732.2	729.6	740.7	741.5	695.0	698.5	691.8
HCG195M	547.9	561.8	577.9	605.9	606.2	590.8	602.2	603.3	616.0	626.8	627.6	642.7	641.9
HCG079M	619.4	637.7	653.6	684.6	706.1	719.3	732.7	742.3	760.2	777.0	756.4	777.1	776.3
HCG078M	539.1	550.1	565.7	584.2	585.9	593.5	605.3	610.0	626.2	635.5	631.6	647.8	647.2
HCG072M	612.9	634.5	654.2	671.2	680.6	697.6	706.9	709.1	732.5	743.9	737.1	760.9	753.5
HCG155M	618.3	651.4	669.2	695.4	707.3	729.6	750.6	763.1	762.3	786.1	785.6	792.8	792.9
HCG091M	551.4	553.2	566.9	580.6	583.9	592.2	598.4	600.6	609.4	618.5	602.7	614.2	600.1
HCG148M	471.4	484.9	493.0	511.7	516.8	524.3	533.1	533.0	548.5	553.6	557.6	557.2	557.2
HCG104M	517.6	520.3	531.3	538.5	548.3	564.1	577.3	579.7	591.1	601.2	602.0	601.0	610.2
HCG096M	529.3	536.3	557.2	568.1	577.2	586.4	604.7	614.3	627.1	642.2	641.3	650.0	671.1
HCG130M	469.1	479.0	481.7	494.2	498.0	496.4	506.2	510.7	518.6	525.3	514.6	521.8	530.6
HCG110M	577.4	588.7	608.7	629.7	647.5	661.3	676.4	683.9	697.2	711.5	706.2	710.6	715.5
HCG149M	555.4	575.3	580.8	599.6	607.7	623.3	629.0	623.7	645.6	655.4	$X		
HCG174M	534.9	547.8	552.1	571.7	573.4	584.0	600.6	606.0	619.4	627.2	621.5	626.1	617.4
HCG147M	575.3	597.6	607.1	627.5	637.0	649.5	669.4	666.2	680.6	685.0	675.6	697.7	708.0
HCG191M	468.9	478.4	495.1	512.0	525.2	532.6	538.1	536.5	541.9	556.4	559.2	557.1	558.5
HCG139M	594.6	602.7	618.7	643.6	650.4	662.0	685.3	680.5	695.0	707.0	694.0	678.9	670.9
HCG101M	545.1	562.5	564.5	578.3	588.0	602.2	615.1	616.1	628.8	638.9	646.7	653.3	653.0
HCG170M	633.1	651.8	666.7	695.3	713.3	722.9	743.2	749.8	771.7	783.0	779.7	785.6	786.3
HCG182M	511.5	517.3	523.5	536.7	546.6	560.3	571.2	574.7	587.5	597.3	603.0	614.6	607.1
HCG157M	572.7	578.2	592.3	608.7	624.3	635.9	648.6	658.1	667.4	677.1	684.8	689.5	697.6
HCG114M	589.1	599.9	607.3	628.1	636.2	654.3	670.3	665.1	677.6	687.7	681.8	690.4	686.9
MEAN	546.3	559.9	572.3	592.0	601.4	611.3	625.7	628.0	641.6	650.6	644.3	651.8	648.5
STD.DEV.	50.0	53.1	55.9	58.9	62.1	65.5	67.7	69.3	69.9	72.2	71.6	74.1	79.4
N	30	30	30	30	30	30	30	30	30	30	29	29	29

APPENDIX H - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 MALES (CONT.)
(GRAMS)
DOSE: 500 MG/KG (CONT.)

TIME=	1 7 5 DAYS	1 8 2 DAYS	1 8 9 DAYS	1 9 6 DAYS	2 0 3 DAYS	2 1 0 DAYS
HCG144M	533.5	547.5	541.8	565.0	585.4	595.9
HCG185M	625.1	632.5	643.7	654.9	659.8	666.2
HCG175M	725.2	732.7	745.5	750.5	762.5	773.5
HCG094M	542.6	554.1	577.5	590.4	601.3	605.4
HCG123M	684.9	699.0	710.4	723.0	735.9	748.2
HCG126M	667.5	681.0	699.2	709.4	712.9	729.0
HCG108M	636.9	636.2	637.5	642.1	644.7	653.7
HCG135M	588.6	598.0	603.1	607.3	612.7	624.0
HCG161M	724.8	729.6	743.1	767.7	768.3	785.1
HCG195M	657.3	658.3	663.4	674.8	670.2	687.0
HCG079M	793.0	806.7	816.3	823.2	827.3	847.8
HCG078M	664.4	667.8	670.9	680.6	690.8	700.9
HCG072M	782.7	794.1	803.7	818.0	805.4	826.0
HCG155M	819.2	834.3	853.6	860.5	874.4	894.5
HCG091M	609.6	620.6	621.8	627.2	634.8	652.1
HCG148M	574.6	575.8	584.0	586.8	591.3	602.5
HCG104M	610.6	617.0	623.6	631.4	647.5	661.4
HCG096M	671.9	679.3	684.7	693.0	699.5	706.5
HCG130M	533.2	535.4	539.8	546.7	553.1	559.7
HCG110M	733.8	739.0	748.9	759.8	768.8	775.5
HCG140M						
HCG174M	640.2	636.9	647.7	648.8	651.9	667.6
HCG147M	721.6	724.4	735.7	746.8	748.4	764.7
HCG191M	573.7	570.5	582.4	592.7	603.5	607.0
HCG139M	671.5	689.5	712.8	737.2	743.5	75[illegible]
HCG101M	671.8	671.0	674.4	684.9	689.2	697.4
HCG170M	816.2	817.0	826.9	845.2	852.0	853.0
HCG182M	627.0	625.9	631.2	647.0	641.2	654.1
HCG157M	701.9	703.8	706.3	720.4	727.0	736.2
HCG114M	701.5	706.9	712.6	732.0	742.3	747.1
MEAN	665.7	671.9	680.8	692.0	698.1	709.5
STD.DEV.	79.7	80.9	83.1	84.3	83.2	85.0
N	29	29	29	29	29	29

NOTE: $ = VALUE EXCLUDED
X = ANIMAL DEAD

APPENDIX I - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1A)
(GRAMS)
DOSE: 0 MG/KG

TIME=	0 DAYS	1 DAYS	7 DAYS	14 DAYS	21 DAYS	28 DAYS	35 DAYS	42 DAYS	49 DAYS	56 DAYS	63 DAYS	70 DAYS	77 DAYS
HCG222F	180.6	177.7	199.3	202.4	211.2	224.5	231.4	245.5	249.2	264.8	280.3	276.3	$C
HCG224F	203.5	202.3	228.3	251.5	263.3	275.0	296.1	324.6	323.6	327.9	324.0	342.1	348.9
HCG321F	196.4	186.7	223.4	240.4	249.2	268.8	285.6	294.0	299.6	307.4	322.4	330.9	$C
HCG251F	175.0	170.4	187.1	200.0	215.2	221.8	225.2	239.7	245.8	250.3	249.2	255.1	267.1
HCG274F	210.1	208.4	235.5	267.0	282.1	304.5	315.5	332.0	327.3	337.5	342.5	354.0	$C
HCG256F	193.3	194.0	210.7	230.7	248.5	257.4	264.9	285.1	303.1	303.3	310.2	312.8	308.1
HCG237F	174.2	172.0	194.3	210.3	232.8	244.0	241.7	276.1	278.9	297.0	287.9	272.4	291.7
HCG236F	175.8	174.6	194.8	207.8	226.9	240.3	249.5	254.5	265.5	278.4	286.2	281.5	$C
HCG287F	194.1	187.4	218.2	222.8	232.7	247.7	267.0	276.0	276.1	285.0	298.5	302.5	$C
HCG336F	171.3	171.3	197.4	204.1	224.3	239.8	255.7	268.1	272.0	277.6	292.5	292.3	293.6
HCG280F	197.7	193.1	215.4	240.1	249.3	269.3	265.1	287.9	292.8	312.0	313.1	325.6	330.9
HCG322F	189.2	185.2	211.8	224.1	238.6	251.5	259.4	279.5	281.1	289.9	306.0	298.7	298.9
HCG250F	185.8	187.8	210.6	223.2	236.4	252.0	270.3	273.5	276.8	294.5	308.2	303.4	304.0
HCG219F	186.3	180.5	211.2	223.3	244.0	250.0	265.7	278.1	277.2	292.9	294.9	292.2	299.9
HCG235F	177.2	172.1	193.6	215.2	230.6	244.6	258.1	270.7	269.4	278.3	291.1	291.4	293.1
HCG272F	186.8	183.4	211.4	224.9	235.1	250.4	269.3	277.7	279.2	296.1	300.4	305.3	$C
HCG313F	180.3	184.2	217.7	216.8	237.3	251.6	246.5	268.8	271.2	284.7	305.9	287.4	303.6
HCG338F	183.9	183.2	212.7	229.9	229.7	267.4	273.5	301.2	297.8	324.0	323.7	329.5	$C
HCG281F	190.3	182.6	217.9	224.9	240.5	261.1	273.1	293.3	294.7	304.8	312.7	317.6	314.6
HCG319F	209.8	183.0	234.7	243.8	280.7	298.6	308.3	343.9	354.9	361.0	396.1	403.3	389.2
HCG207F	180.4	178.4	195.2	199.6	221.8	241.5	252.4	254.6	267.8	277.1	289.2	282.4	282.9
HCG286F	178.6	174.0	185.6	198.7	218.6	223.0	235.9	233.5	254.1	245.9	261.5	265.9	$C
HCG271F	182.0	184.2	208.3	224.5	232.9	247.0	266.7	280.5	282.1	284.4	294.4	292.1	$C
HCG261F	195.0	195.3	216.7	229.3	251.6	272.2	282.5	307.5	315.5	329.3	322.7	343.9	$C
HCG229F	181.7	176.0	206.4	221.6	233.0	246.8	267.1	275.4	275.4	280.6	294.3	302.7	$C
HCG218F	189.3	185.2	210.4	232.3	251.6	261.3	266.2	283.7	287.0	300.1	304.6	316.8	$C
HCG247F	197.8	195.5	236.0	258.2	258.3	298.1	314.4	317.1	351.5	367.7	373.1	381.9	364.5
HCG308F	193.6	188.9	218.0	234.9	245.0	260.7	283.5	291.2	310.1	321.4	331.6	338.1	$C
HCG297F	185.3	180.9	202.2	216.9	231.5	246.6	265.4	273.4	278.4	287.3	283.2	297.2	$C
HCG267F	191.4	187.7	220.2	232.2	247.7	261.1	275.8	273.3	282.8	299.8	307.5	291.3	298.6
MEAN	187.9	184.2	210.8	225.0	240.0	256.0	267.7	282.0	288.0	298.7	306.9	309.6	311.9
STD.DEV.	10.0	9.1	13.5	17.0	16.7	20.2	22.0	25.4	26.4	27.9	28.9	33.0	31.7
N	30	30	30	30	30	30	30	30	30	30	30	30	16

APPENDIX I - INDIVIDUAL WEEKLY BODY [illegible]S - P1 FEMALES (F1A) (CONT.)
([illegible])
DOSE: 0 [illegible].)

TIME=	8 4 D A Y S	9 1 D A Y S
HCG222F		
HCG224F	$C	
HCG321F		
HCG251F	$C	
HCG274F		
HCG[illegible]6F	$C	
HCG[illegible]F	$C	
HCG236F		
HCG287F		
HCG336F	296.9	$C
HCG280F	$C	
HCG322F	$C	
HCG250F	339.0	360.4
HCG219F	304.8	$C
HCG235F	301.2	$C
HCG272F		
HCG313F	$C	
HCG338F		
HCG281F	$C	
HCG319F	418.9	434.3
HCG207F	$C	
HCG286F		
HCG271F		
HCG261F		
HCG229F		
HCG218F		
HCG247F	$C	
HCG308F		
HCG297F		
HCG267F	$C	
MEAN	332.2	397.4
STD.DEV.	51.3	52.3
N	5	2

APPENDIX I - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1A) (CONT.)
(GRAMS)
DOSE: 50 MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
HCG340F	191.5	190.3	207.8	223.1	236.8	247.0	250.8	259.2	267.3	280.7	284.2	297.0	$C
HCG334F	194.7	195.1	222.4	243.8	260.1	275.1	291.6	307.0	304.5	316.3	330.3	336.0	$C
HCG311F	176.2	179.0	202.7	222.1	234.6	241.7	259.0	273.6	275.4	281.2	294.6	301.4	$C
HCG282F	176.1	175.0	195.5	209.0	212.3	235.1	245.7	248.7	254.6	268.5	274.4	275.0	268.2
HCG212F	176.9	183.4	198.8	222.7	236.2	243.3	264.5	274.5	273.3	277.2	288.7	298.0	299.1
HCG245F	195.9	191.2	210.3	224.8	232.7	246.1	256.2	261.8	257.8	274.4	286.0	292.3	$C
HCG326F	196.1	191.7	218.9	231.4	244.9	265.4	278.4	289.4	295.6	312.0	317.4	314.6	312.7
HCG257F	191.5	184.7	217.6	236.9	252.0	268.1	279.2	288.1	296.9	307.1	305.9	311.6	313.9
HCG264F	201.9	195.5	230.3	252.9	264.5	281.7	302.6	313.5	310.6	337.3	357.5	361.2	$C
HCG333F	173.0	164.4	190.7	204.4	216.3	227.5	245.1	247.4	249.8	263.0	276.7	279.3	$C
HCG278F	180.9	176.4	206.8	221.4	238.6	255.6	263.9	263.7	272.8	295.4	304.3	305.1	303.2
HCG332F	203.9	203.6	227.8	249.0	262.5	274.5	301.0	304.7	313.0	324.3	328.1	331.0	335.2
HCG327F	160.9	160.5	172.4	183.9	198.0	202.2	220.1	226.0	233.0	236.5	253.3	245.0	248.3
HCG241F	191.0	189.4	201.5	226.3	247.5	255.8	261.3	283.2	292.6	309.0	313.6	326.0	321.0
HCG318F	177.4	177.2	202.1	217.7	240.6	263.7	275.7	288.8	294.7	316.6	324.1	341.7	332.7
HCG231F	175.6	173.6	198.7	213.3	223.8	237.3	234.6	251.7	254.8	258.5	270.5	269.7	$C
HCG283F	186.4	182.6	204.9	220.4	230.4	243.2	263.6	271.6	271.0	286.6	299.8	305.1	$C
HCG244F	192.4	188.6	217.0	248.5	266.3	283.4	300.5	312.9	322.1	328.4	342.5	353.6	$C
HCG214F	187.7	183.0	206.7	218.3	240.6	258.1	272.2	279.2	285.7	294.3	299.3	295.9	302.6
HCG269F	198.1	190.7	225.9	242.2	256.1	280.8	301.2	308.5	305.8	323.7	342.6	339.2	$C
HCG243F	178.8	178.9	189.7	206.4	221.9	231.3	237.6	254.3	252.3	262.6	261.2	267.2	278.1
HCG290F	178.1	183.9	202.1	212.5	228.6	244.6	250.8	264.4	266.2	286.1	277.5	286.6	287.9
HCG301F	183.2	182.4	210.6	228.9	256.6	261.7	270.4	280.9	281.1	291.1	298.3	297.5	$C
HCG208F	199.0	199.7	230.9	251.8	268.9	288.4	295.1	310.0	311.6	327.8	345.4	347.6	$C
HCG233F	168.7	179.4	197.0	207.3	225.8	243.7	254.4	273.9	269.9	290.3	292.3	312.9	312.8
HCG232F	194.1	190.0	223.3	243.0	251.7	273.2	295.1	307.1	303.0	317.8	334.6	336.1	$C
HCG325F	174.9	171.7	194.8	206.5	216.0	231.6	244.4	252.6	249.5	268.6	277.1	272.7	$C
HCG305F	169.9	170.8	192.3	205.1	222.3	233.5	238.4	252.6	256.6	267.7	272.4	274.2	$C
HCG234F	193.7	193.1	217.1	227.0	247.6	262.5	271.8	276.3	282.4	300.1	311.5	313.6	316.8
HCG298F	199.4	205.6	232.2	257.6	286.7	307.8	318.5	334.4	349.0	357.6	370.7	389.8	$C
MEAN	185.6	184.4	208.3	225.3	240.7	255.5	268.1	278.7	281.8	295.4	304.5	309.4	302.3
STD.DEV.	11.3	10.7	14.5	17.7	19.7	22.2	24.4	25.3	26.3	27.5	29.8	32.3	24.5
N	30	30	30	30	30	30	30	30	30	30	30	30	14

APPENDIX I - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1A) (CONT.)
(GRAMS)
DOSE: 50 MG/KG (CONT.)

TIME= 8 4 D A Y S	
HCG340F	
HCG334F	
HCG311F	
HCG282F	$C
HCG212F	$C
HCG245F	
HCG326F	$C
HCG257F	$C
HCG264F	
HCG333F	
HCG278F	$C
HCG332F	$C
HCG327F	$C
HCG241F	$C
HCG318F	$C
HCG231F	
HCG283F	
HCG244F	
HCG214F	$C
HCG269F	
HCG243F	303.7
HCG290F	$C
HCG301F	
HCG208F	
HCG233F	$C
HCG232F	
HCG325F	
HCG305F	
HCG234F	$C
HCG298F	
MEAN	303.7
STD.DEV.	N/A
N	1

APPENDIX I - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1A) (CONT.)
(GRAMS)
DOSE: 160 MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
HCG215F	197.6	191.1	224.4	238.8	255.4	270.9	279.6	282.3	293.9	307.8	312.2	316.5	320.7
HCG220F	182.1	178.0	202.3	211.3	226.2	228.7	244.6	253.1	253.2	270.5	271.4	273.9	259.3
HCG316F	193.6	192.2	215.3	233.1	256.2	277.2	289.6	291.4	292.4	307.7	319.9	319.3	322.2
HCG296F	169.7	167.2	188.7	195.9	222.9	229.9	242.3	249.2	257.4	261.0	271.4	284.5	$C
HCG275F	204.2	207.1	227.3	255.9	271.7	294.4	314.7	320.0	345.2	354.3	368.4	391.0	392.2
HCG329F	184.1	182.9	198.3	207.9	218.3	231.5	240.0	246.1	251.8	259.1	261.2	267.6	275.9
HCG260F	187.6	182.4	211.8	231.4	240.5	239.4	247.7	261.3	270.3	290.8	297.0	292.3	279.9
HCG295F	182.6	177.4	201.5	217.7	233.5	243.8	256.2	258.2	269.9	275.8	283.7	278.5	276.9
HCG240F	176.5	170.2	198.5	212.1	218.3	234.4	244.3	249.0	249.5	260.9	272.5	277.3	274.2
HCG291F	175.1	167.8	193.5	212.3	229.5	239.0	250.9	242.7	245.5	261.6	266.8	270.1	$C
HCG335F	196.3	189.5	235.1	239.4	256.2	277.5	295.9	302.2	319.0	318.8	325.8	329.9	$C
HCG238F	182.6	179.5	205.8	233.3	243.7	262.8	275.2	281.0	298.4	308.0	314.7	319.3	309.0
HCG258F	186.6	182.0	207.4	220.7	241.1	251.0	259.8	271.9	287.5	302.3	309.0	295.6	306.4
HCG330F	181.7	186.8	209.5	226.3	242.5	249.9	264.0	276.3	274.3	278.3	292.1	304.8	$C
HCG277F	183.5	184.4	206.8	222.7	240.8	244.1	258.6	267.3	272.7	281.4	282.0	284.1	$C
HCG317F	200.2	196.9	224.6	242.1	253.1	264.3	278.1	280.2	291.5	299.0	293.6	308.3	317.7
HCG221F	178.6	175.1	193.7	225.5	229.6	246.3	268.7	288.6	287.8	288.0	306.4	307.2	298.2
HCG331F	179.9	173.6	198.6	217.5	232.0	256.0	275.7	282.2	287.2	299.7	309.7	318.4	319.8
HCG339F	187.9	180.3	213.3	227.3	246.8	259.3	267.8	284.6	297.6	307.0	325.8	328.6	$C
HCG323F	175.6	179.0	198.3	215.6	229.6	239.0	257.6	269.8	262.8	275.1	286.0	275.4	289.4
HCG307F	178.1	173.5	201.5	206.9	226.0	235.0	250.8	256.3	257.1	268.2	268.4	280.3	273.6
HCG314F	189.9	172.0	216.5	234.7	252.1	264.3	266.0	267.4	274.7	281.6	281.5	291.6	284.3
HCG225F	173.5	172.3	192.5	207.6	221.7	240.8	251.0	254.1	266.7	276.3	277.6	280.2	277.5
HCG217F	173.5	167.3	193.9	214.4	218.7	235.9	239.5	253.3	255.0	267.5	273.1	268.1	275.9
HCG263F	184.1	189.4	218.8	239.7	254.4	258.5	291.6	297.1	297.3	304.3	310.2	318.8	324.4
HCG254F	179.7	182.7	197.1	219.0	237.7	252.4	265.4	278.0	293.4	290.8	292.2	310.8	$C
HCG242F	173.2	173.0	193.9	210.9	222.3	236.1	245.4	246.6	255.0	258.9	261.4	270.9	273.8
HCG304F	166.1	165.0	177.4	194.5	205.2	215.5	222.7	229.6	234.1	242.8	240.3	251.8	253.8
HCG276F	199.8	199.5	219.3	246.9	272.8	298.1	302.8	324.6	334.4	350.4	361.9	370.9	390.5
HCG302F	183.0	180.6	211.7	230.1	242.9	257.4	268.5	274.5	279.5	288.9	302.3	305.4	$C
MEAN	183.6	180.6	205.9	223.1	238.1	251.1	263.8	271.3	278.5	287.9	294.6	299.7	299.8
STD.DEV.	9.5	10.2	13.0	14.8	16.3	19.3	20.9	22.3	25.8	25.7	28.5	30.4	36.4
N	30	30	30	30	30	30	30	30	30	30	30	30	22

APPENDIX I - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1A) (CONT.)
(GRAMS)
DOSE: 160 MG/KG (CONT.)

TIME=	8 4 D A Y S	9 1 D A Y S
HCG215F	334.7	360.7
HCG220F	$C	
HCG316F	$C	
HCG296F		
HCG275F	$C	
HCG329F	$C	
HCG260F	$C	
HCG295F	$C	
HCG240F	$C	
HCG291F		
HCG335F		
HCG238F	$C	
HCG258F	$C	
HCG330F		
HCG277F		
HCG317F	$C	
HCG221F	$C	
HCG331F	$C	
HCG339F		
HCG323F	$C	
HCG307F	$C	
HCG314F	$C	
HCG225F	$C	
HCG217F	$C	
HCG263F	$C	
HCG254F		
HCG242F	$C	
HCG304F	$C	
HCG276F	$C	
HCG302F		
MEAN	334.7	360.7
STD.DEV.	N/A	N/A
N	1	1

APPENDIX [redacted] INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1A) (CONT.)
(GRAMS)
DOSE: 160 MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
HCG215F	197.6	191.1	224.4	238.8	255.4	270.9	279.6	282.3	293.9	307.8	312.2	316.5	320.7
HCG220F	182.1	178.0	202.3	211.3	226.2	228.7	244.6	253.1	253.2	270.5	271.4	273.9	259.3
HCG316F	193.6	192.2	215.3	233.1	256.2	277.2	289.6	291.4	292.4	307.7	319.9	319.3	322.2
HCG296F	169.7	167.2	188.7	195.9	222.9	229.9	242.3	249.2	257.4	261.0	271.4	284.5	$C
HCG275F	204.2	207.1	227.3	255.9	271.7	294.4	314.7	320.0	345.2	354.3	368.4	391.0	392.2
HCG329F	184.1	182.9	198.3	207.9	218.3	231.5	240.0	246.1	251.8	259.1	261.2	267.6	275.9
HCG260F	187.6	182.4	211.8	231.4	240.5	239.4	247.7	261.3	270.3	290.8	297.0	292.3	279.9
HCG295F	182.6	177.4	201.5	217.7	233.5	243.8	256.2	258.2	269.9	275.8	283.7	278.5	276.9
HCG240F	176.5	170.2	198.5	212.1	218.3	234.4	244.3	249.0	249.5	260.9	272.5	277.3	274.2
HCG291F	175.1	167.8	193.5	212.3	229.5	239.0	250.9	242.7	245.5	261.6	266.8	270.1	$C
HCG335F	196.3	189.5	235.1	239.4	256.2	277.5	295.9	302.2	319.0	318.8	325.8	329.9	$C
HCG236F	182.6	179.5	205.8	233.3	243.7	262.8	275.2	281.0	298.4	308.0	314.7	319.3	309.0
HCG258F	186.6	182.0	207.4	220.7	241.1	251.0	259.8	271.9	287.5	302.3	309.0	295.6	306.4
HCG330F	181.7	186.8	209.5	226.3	242.5	249.9	264.0	276.3	274.3	278.3	292.1	304.8	$C
HCG277F	183.5	184.4	206.8	222.7	240.8	244.1	258.6	267.3	272.7	281.4	282.0	284.1	$C
HCG317F	200.2	196.9	224.6	242.1	253.1	264.3	278.1	280.2	291.5	299.0	293.6	308.3	317.7
HCG221F	178.6	175.1	193.7	225.5	229.6	246.3	268.7	288.6	287.8	288.0	306.4	307.2	298.2
HCG331F	179.9	173.6	198.6	217.5	232.0	256.0	275.7	282.2	287.2	299.7	309.7	318.4	319.8
HCG339F	187.9	180.3	213.3	227.3	246.8	259.3	267.8	284.6	297.6	307.0	325.8	328.6	$C
HCG323F	175.6	179.0	198.3	215.6	229.6	239.0	257.6	269.8	262.8	275.1	286.0	275.4	289.4
HCC307F	178.1	173.5	201.5	206.9	226.0	235.0	250.8	256.3	257.1	268.2	268.4	280.3	273.6
HCG314F	189.9	172.0	216.5	234.7	252.1	264.3	266.0	267.4	274.7	281.6	281.5	291.6	284.3
HCG225F	173.5	172.3	192.5	207.6	221.7	240.8	251.0	254.1	266.7	276.3	277.6	280.2	277.5
HCG217F	173.5	167.3	193.9	214.4	218.7	235.9	239.5	253.3	255.0	267.5	273.1	268.1	275.9
HCG263F	184.1	189.4	218.8	239.7	254.4	258.5	291.6	297.1	297.3	304.3	310.2	318.8	324.4
HCG254F	179.7	182.7	197.1	219.0	237.7	252.4	265.4	278.0	293.4	290.8	292.2	310.8	$C
HCG242F	173.2	173.0	193.9	210.9	222.3	236.1	245.4	246.6	255.0	258.9	261.4	270.9	273.8
HCG304F	166.1	165.0	177.4	194.5	205.2	215.5	222.7	229.6	234.1	242.8	240.3	251.8	253.8
HCG276F	199.8	199.5	219.3	246.9	272.8	298.1	302.8	324.6	334.4	350.4	361.9	370.9	390.5
HCG302F	183.0	180.6	211.7	230.1	242.9	257.4	268.5	274.5	279.5	288.9	302.3	305.4	$C
MEAN	183.6	180.6	205.9	223.1	238.1	251.1	263.8	271.3	278.5	287.9	294.6	299.7	299.8
STD.DEV.	9.5	10.2	13.0	14.8	16.3	19.3	20.9	22.3	25.8	25.7	28.5	30.4	36.4
N	30	30	30	30	30	30	30	30	30	30	30	30	22

APPENDIX I - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1A) (CONT.)
(GRAMS)
DOSE: 160 MG/KG (CONT.)

TIME=	8 4 D A Y S	9 1 D A Y S
HCG215F	334.7	360.7
HCG220F	$C	
HCG316F	$C	
HCG296F		
HCG275F	$C	
HCG329F	$C	
HCG260F	$C	
HCG295F	$C	
HCG240F	$C	
HCG291F		
HCG335F		
HCG238F	$C	
HCG258F	$C	
HCG330F		
HCG277F		
HCG317F	$C	
HCG221F	$C	
HCG331F	$C	
HCG339F		
HCG323F	$C	
HCG307F	$C	
HCG314F	$C	
HCG225F	$C	
HCG217F	$C	
HCG263F	$C	
HCG254F		
HCG242F	$C	
HCG304F	$C	
HCG276F	$C	
HCG302F		
MEAN	334.7	360.7
STD.DEV.	N/A	N/A
N	1	1

APPENDIX I - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1A) (CONT.)
(GRAMS)
DOSE: 500 MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
HCG248F	209.5	203.3	226.6	246.7	256.1	273.3	279.6	288.6	294.4	298.2	315.7	308.3	$C
HCG294F	194.0	189.9	216.2	231.2	255.1	268.2	286.7	290.4	305.6	315.0	316.7	320.2	324.4
HCG262F	188.4	187.6	208.8	229.2	250.4	263.7	269.0	287.0	294.7	305.0	307.8	321.8	319.6
HCG309F	163.5	162.1	184.7	200.6	215.8	226.5	235.1	247.9	245.5	259.3	271.7	270.1	$C
HCG252F	217.5	215.9	244.2	275.2	299.5	311.8	327.8	350.9	354.8	369.4	385.6	389.8	$C
HCG255F	199.2	195.4	217.5	235.0	252.1	264.5	260.7	282.7	285.4	289.3	290.7	300.8	307.6
HCG337F	213.1	215.0	242.5	269.1	290.8	319.0	340.1	354.5	368.5	396.1	401.6	413.9	423.8
HCG288F	192.0	187.2	204.5	228.5	237.4	247.8	262.3	277.4	279.0	287.3	296.9	312.8	$C
HCG270F	176.2	166.8	195.5	208.4	220.9	224.7	244.9	238.8	257.9	260.4	270.9	279.9	$C
HCG211F	177.0	172.1	191.1	208.1	221.1	235.3	239.5	250.6	256.3	266.2	263.9	270.8	276.7
HCG300F	180.8	178.3	202.1	218.8	230.1	245.0	254.2	265.2	268.3	283.0	297.9	299.5	$C
HCG320F	206.7	205.5	230.6	256.7	275.0	294.1	304.1	319.3	319.1	321.6	339.6	335.6	339.4
HCG266F	176.8	176.5	205.4	218.6	237.6	[illegible]	266.0	267.0	276.3	292.0	293.6	297.0	294.2
HCG213F	190.7	189.7	210.1	230.0	242.2	[illegible]	266.3	274.4	279.7	289.7	294.0	297.2	$C
HCG210F	179.6	177.5	195.1	225.6	241.1	[illegible]	259.5	273.9	269.3	281.1	291.6	296.2	$C
HCG306F	208.4	200.0	216.4	248.4	271.2	303.4	301.5	323.3	334.6	366.7	360.2	381.4	376.6
HCG299F	167.3	164.8	186.4	200.6	207.2	222.3	234.3	241.8	248.9	261.1	258.0	251.9	259.5
HCG268F	175.9	176.1	195.9	212.7	229.8	244.5	249.2	269.1	267.4	277.6	283.0	278.0	$C
HCG226F	177.0	177.7	199.2	215.9	225.1	246.9	251.4	270.6	275.1	279.8	286.8	287.4	286.4
HCG312F	190.4	189.0	220.5	238.0	261.7	278.5	287.9	299.0	299.4	311.2	318.3	324.0	311.6
HCG253F	175.3	172.4	187.0	208.9	220.3	231.5	240.9	256.5	255.9	261.6	259.8	269.4	280.2
HCG284F	175.6	178.1	195.2	216.1	234.3	253.8	257.7	275.1	289.5	312.0	309.5	327.5	327.6
HCG227F	178.7	178.1	202.6	217.2	234.7	250.9	257.3	269.1	271.7	281.2	283.9	293.1	295.2
HCG293F	187.2	181.2	203.7	217.4	221.4	235.0	249.3	255.5	254.4	264.1	277.2	273.2	$C
HCG259F	181.0	181.5	206.2	216.0	235.4	244.5	249.1	254.4	267.0	274.5	284.8	290.4	$C
HCG230F	187.2	182.3	206.9	222.4	238.7	250.4	256.7	266.8	270.3	279.1	281.9	286.4	286.9
HCG315F	189.9	191.0	214.7	248.2	256.3	292.3	299.1	315.2	323.9	337.1	345.0	349.4	$C
HCG273F	190.3	186.2	211.6	231.0	259.7	259.0	271.0	284.8	287.8	295.5	317.8	311.9	311.1
HCG209F	186.3	183.2	205.6	212.7	242.6	240.2	248.2	261.1	254.6	267.4	270.1	275.3	270.5
HCG292F	192.7	191.3	211.4	227.2	264.0	265.9	265.1	281.0	288.2	313.4	323.7	318.5	320.5
MEAN	187.6	185.2	207.9	227.1	244.3	258.2	267.2	279.7	284.8	296.5	303.3	307.7	311.8
STD.DEV.	13.4	13.3	14.8	18.6	21.9	25.4	26.1	28.8	30.4	34.2	35.1	37.3	39.5
N	30	30	30	30	30	30	30	30	30	30	30	30	18

APPENDIX I - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1A) (CONT.)
(GRAMS)
DOSE: 500 MG/KG (CONT.)

TIME=	9 4 D A Y S	9 1 D A Y S
HCG248F		
HCG294F	$C	
HCG262F	338.8	353.6
HCG309F		
HCG252F		
HCG255F	$C	
HCG337F	447.2	456.0
HCG288F		
HCG270F		
HCG211F	290.9	306.3
HCG300F		
HCG320F	$C	
HCG266F	$C	
HCG213F		
HCG210F		
HCG306F	$C	
HCG299F	$C	
HCG268F		
HCG226F	$C	
HCG312F	$C	
HCG253F	298.1	$C
HCG284F	326.6	332.3
HCG227F	294.0	321.9
HCG293F		
HCG259F		
HCG230F	$C	
HCG315F		
HCG273F	321.4	$C
HCG209F	$C	
HCG292F	$C	
MEAN	331.0	354.0
STD.DEV.	54.4	59.5
N	7	5

NOTE: SEE GESTATION BODY WEIGHT TABLES AS ANIMALS WERE CONFIRMED MATED
$ - VALUE EXCLUDED
C - ANIMAL CONFIRMED MATED

APPENDIX J - INDIVIDUAL GESTATION BODY WEIGHTS - P1/F1A
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 1 - 0 MG/KG						
HCG222	281	319	323	333	361	396
HCG224	349	385	399	425	441	503
HCG321	326	355	367	377	416	458
HCG251	264	302	315	343	363	434
HCG274	348	385	391	404	444	502
HCG256	312	343	356	362	397	443
HCG237	298	330	347	370	380	428
HCG236	293	316	324	337	350	360
HCG287	296	324	321	332	359	404
HCG336	299	336	349	357	390	436
HCG280	336	358	367	394	401	449
HCG322	304	342	353	355	394	468
HCG250a						
HCG219	305	340	347	349	370	395
HCG235b						
HCG272	303	330	332	345	372	410
HCG313	295	324	338	354	365	402
HCG338	327	359	358	364	398	417
HCG281	319	342	361	393	415	492
HCG319a						
HCG207	285	307	329	344	365	433
HCG286	261	301	311	319	347	384
HCG271	295	317	325	336	375	424
HCG261	344	392	399	420	458	496
HCG229b						
HCG218	314	336	349	359	391	438
HCG247	377	386	406	425	453	503
HCG308b						
HCG297	297	318	321	336	369	417
HCG267b						

NOTES: G = Gestation
a = No Confirmed Date Of Mating
b = Animal Did Not Deliver

APPENDIX J - INDIVIDUAL GESTATION BODY WEIGHTS - P1/F1A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 2 - 50 MG/KG						
HCG340	284	312	320	331	354	396
HCG334	332	354	367	380	408	477
HCG311	306	330	335	344	383	446
HCG282	274	294	308	326	353	402
HCG212	297	313	322	339	361	417
HCG245	289	321	326	339	369	419
HCG326b						
HCG257b						
HCG264	354	382	385	396	432	502
HCG333	276	315	321	336	375	436
HCG278	307	307	327	343	374	435
HCG332	344	358	375	387	416	459
HCG327	257	278	298	306	340	392
HCG241	325	355	375	389	416	471
HCG318	334	355	370	389	398	443
HCG231	270	296	307	316	340	396
HCG283b						
HCG244	347	370	378	392	402	461
HCG214	305	306	336	354	383	440
HCG269	334	370	374	389	423	498
HCG243b						
HCG290	288	314	324	340	361	393
HCG301	295	313	321	330	364	403
HCG208	344	375	374	387	419	474
HCG233b						
HCG232	335	365	369	382	417	455
HCG325	271	312	313	325	352	387
HCG305	276	304	315	331	351	394
HCG234	321	343	368	378	415	485
HCG298	385	428	433	449	476	536

NOTES: G = Gestation
a = No Confirmed Date Of Mating
b = Animal Did Not Deliver

APPENDIX J - INDIVIDUAL GESTATION BODY WEIGHTS - P1/F1A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 3 - 160 MG/KG						
HCG215a						
HCG220	261	287	300	318	337	407
HCG316	327	357	396	401	427	471
HCG296	278	303	310	320	353	403
HCG275b						
HCG329	279	295	307	320	356	425
HCG260	258	307	338	353	389	438
HCG295	276	300	327	337	359	403
HCG240	281	309	308	333	346	405
HCG291	274	303	311	324	364	416
HCG335	331	354	367	383	421	453
HCG238b						
HCG258	313	331	350	366	387	428
HCG330b						
HCG277	288	317	321	330	355	411
HCG317	317	357	371	406	424	492
HCG221	290	326	341	365	384	443
HCG331	320	351	369	388	405	452
HCG339	333	367	376	386	421	460
HCG323b						
HCG307	277	300	320	324	344	379
HCG314b						
HCG225	284	296	311	324	346	404
HCG217b						
HCG263	342	390	393	407	434	500
HCG254	316	350	358	367	403	423
HCG242	273	296	306	315	350	406
HCG304	250	277	288	313	328	393
HCG276b						
HCG302	303	325	327	346	373	430

NOTES: G = Gestation
a = No Confirmed Date Of Mating
b = Animal Did Not Deliver

APPENDIX J - INDIVIDUAL GESTATION BODY WEIGHTS - P1/F1A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 4 - 500 MG/KG						
HCG248	312	333	343	361	389	432
HCG294	326	349	364	370	386	435
HCG262a						
HCG309	263	290	292	304	336	367
HCG252	398	413	431	440	477	543
HCG255	306	325	337	355	369	415
HCG337a						
HCG288	298	328	343	354	380	411
HCG270	270	299	314	318	353	391
HCG211a						
HCG300	293	313	321	328	355	396
HCG320	342	368	381	390	409	450
HCG266	297	317	334	347	376	428
HCG213b						
HCG210	295	319	329	340	360	390
HCG306	382	395	410	429	454	489
HCG299	264	277	289	295	322	373
HCG268b						
HCG226	297	303	314	323	339	360
HCG312	317	336	355	363	382	430
HCG253	292	307	321	341	357	393
HCG284a						
HCG227	306	329	335	345	375	409
HCG293	279	301	307	324	349	399
HCG259	289	307	317	328	357	392
HCG230	285	304	316	325	349	398
HCG315	353	375	381	386	415	465
HCG273	320	332	351	365	392	420
HCG209b						
HCG292	317	338	342	363	394	449

NOTES: G = Gestation
a = No Confirmed Date Of Mating
b = Animal Did Not Deliver

APPENDIX K - INDIVIDUAL LACTATION BODY WEIGHTS - P1/F1A (GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 1 - 0 MG/KG						
HCG222	319	317	334	355	360	368
HCG224	392	384	381	390	389	380
HCG321	385	379	392	390	392	357
HCG251	322	310	334	315	348	305
HCG274	393	387	390	415	436	406
HCG256	351	353	367	363	378	356
HCG237	333	346	364	365	370	344
HCG236a						
HCG287	324	318	334	357	370	352
HCG336	343	343	356	361	377	306
HCG280	349	358	372	367	389	386
HCG322	351	355	366	385	364	355
HCG250	337	335	335	337	361	377
HCG219	332	338	356	352	368	366
HCG235a						
HCG272	345	349	333	353	360	353
HCG313	324	336	332	339	344	333
HCG338	357	354	347	360	389	372
HCG281	365	364	374	358	356	344
HCG319a						
HCG207	330	348	346	343	361	346
HCG286	319	312	326	324	337	325
HCG271	340	340	345	353	362	378
HCG261	407	400	384	411	402	417
HCG229a						
HCG218	338	345	353	382	401	404
HCG247	393	385	384	407	428	381
HCG308a						
HCG297	332	314	325	324	348	324
HCG267a						

NOTES: L = Lactation
a = Animal Did Not Deliver
b = No Pups Remain In Litter

APPENDIX K - INDIVIDUAL LACTATION BODY WEIGHTS - P1/F1A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 2 - 50 MG/KG						
HCG340	318	319	316	336	365	343
HCG334	363	347	372	385	392	379
HCG311	350	331	328	363	366	344
HCG282	294	304	302	330	350	339
HCG212	316	332	344	338	346	327
HCG245	326	333	332	346	362	360
HCG326a						
HCG257a						
HCG264	382	383	405	408	416	390
HCG333	328	326	346	355	372	352
HCG278	332	330	357	353	372	368
HCG332	361	361	360	379	407	371
HCG327	286	276	295	310	328	316
HCG241	370	355	364	366	401	378
HCG318	379	381	384	362	372	373
HCG231	302	302	311	319	329	314
HCG283a						
HCG244	361	371	393	408	423	388
HCG214	333	328	357	372	381	370
HCG269	371	372	381	392	380	349
HCG243a						
HCG290	320	323	349	348	371	334
HCG301	322	321	325	352	373	353
HCG208	371	365	369	376	397	368
HCG233a						
HCG232	376	361	352	355	375	354
HCG325	312	326	324	333	371	356
HCG305	329	327	336	349	363	354
HCG234	355	359	365	372	399	360
HCG298	433	434	437	441	428	368

NOTES: L = Lactation
a = Animal Did Not Deliver
b = No Pups Remain In Litter

APPENDIX K - INDIVIDUAL LACTATION BODY WEIGHTS - P1/F1A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 3 - 160 MG/KG						
HCG215	334	340	362	373	382	379
HCG220	302	300	323	327	346	335
HCG316	382	370	360	369	401	370
HCG296	300	306	321	346	347	316
HCG275a						
HCG329	332	320	324	330	356	361
HCG260	311	324	354	344	379	388
HCG295	328	306	324	332	345	344
HCG240	324	329	339	342	355	337
HCG291	320	323	337	356	348	339
HCG335	367	361	362	372	387	359
HCG238a						
HCG258	397	379	354	356	371	373
HCG330a						
HCG277	327	326	345	355	372	368
HCG317	359	354	360	371	372	379
HCG221	336	345	330	341	342	339
HCG331	353	358	369	382	383	360
HCG339	392	387	377	385	388	365
HCG323a						
HCG307	324	314	324	320	340	331
HCG314a						
HCG225	302	311	314	325	353	341
HCG217a						
HCG263	379	371	373	382	383	388
HCG254	355	348	362	369	375	342
HCG242	292	303	310	328	347	319
HCG304	283	292	319	332	300	333
HCG276a						
HCG302	321	324	341	352	376	338

NOTES: L = Lactation
a = Animal Did Not Deliver
b = No Pups Remain In Litter

APPENDIX K - INDIVIDUAL LACTATION BODY WEIGHTS - P1/F1A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 4 - 500 MG/KG						
HCG248	337	328	331	346	356	314
HCG294	360	346	338	346	357	354
HCG262a						
HCG309b	287	275				
HCG252	414	401	429	436	446	395
HCG255	332	322	342	338	303	347
HCG337a						
HCG288b						
HCG270	292	284	303	313	329	325
HCG211	295	293	303	298	268	311
HCG300	311	311	308	328	354	336
HCG320	379	365	369	379	299	370
HCG266	331	328	326	389	361	357
HCG213a						
HCG210	322	321	312	325	331	332
HCG306	385	388	383	391	393	381
HCG299b	275					
HCG268a						
HCG226	327	320	328	327	333	323
HCG312	343	321	321	339	368	368
HCG253b	346					
HCG284a						
HCG227	301	323	344	357	362	361
HCG293	309	294	293	306	340	337
HCG259	312	303	305	312	322	281
HCG230b	312					
HCG315	360	351	364	359	372	370
HCG273	325	326	327	311	344	347
HCG209a						
HCG292	331	326	346	364	362	335

NOTES: L = Lactation
a = Animal Did Not Deliver
b = No Pups Remain In Litter

APPENDIX L - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1B)
(GRAMS)
DOSE: 0 MG/KG

	TIME= 1 3 3 DAYS	1 4 0 DAYS	1 4 7 DAYS	1 5 4 DAYS	1 6 1 DAYS	1 6 8 DAYS
HCG222F	306.4	310.2	322.5	327.0	$C	
HCG224F	358.3	401.3	385.8	424.8	449.6	444.0
HCG321F	373.9	395.5	412.9	409.5	413.7	425.4
HCG251F	297.9	294.8	300.4	$C		
HCG274F	381.3	394.5	400.8	415.7	$C	
HCG256F	347.6	347.9	363.0	$C		
HCG237F	302.4	323.1	317.6	326.0	385.7	411.6
HCG236F	$X					
HCG287F	318.7	330.8	339.8	$C		
HCG336F	313.8	329.5	332.8	340.0	$C	
HCG280F	352.1	367.8	371.1	373.1	399.4	433.3
HCG322F	334.6	334.8	348.0	355.0	356.7	$C
H[illegible]250F	337.1	349.2	354.5	$C		
H[illegible]219F	329.7	335.7	344.8	344.3	$C	
HCG235F	$X					
HCG272F	335.8	333.5	348.7	350.8	369.1	377.2
HCG313F	330.8	342.0	341.9	$C		
HCG338F	360.1	365.8	377.8	390.3	$C	
[illegible]	337.4	359.3	381.3	377.3	389.0	401.4
HCG319F	$X					
HCG207F	327.4	329.6	337.4	$C		
HCG286F	305.6	319.6	318.7	327.1	$C	
HCG271F	343.8	358.9	365.8	366.0	$C	
HCG261F	375.5	389.5	390.3	416.2	434.8	456.3
HCG229F	$X					
HCG218F	357.6	364.6	369.4	$C		
HCG247F	385.8	412.8	430.6	437.1	$C	
HCG308F	$X					
HCG297F	308.4	318.0	327.0	326.6	$C	
HCG267F	$X					
MEAN	338.4	350.4	357.6	371.0	399.8	421.3
STD.DEV.	25.9	31.2	32.3	38.3	31.7	26.9
N	24	24	24	17	8	7

APPENDIX L - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1B) (CONT.)
(GRAMS)
DOSE: 0 MG/KG (CONT.)

TIME=	1 7 5 DAYS	1 8 2 DAYS	1 8 9 DAYS	1 9 6 DAYS	2 0 3 DAYS
HCG222F					361.3
HCG224F	466.8	457.2	470.6	493.9	492.0
HCG321F	482.0				429.8
HCG251F					312.6
HCG274F					396.8
HCG256F					405.9
HCG237F	498.4				340.1
HCG236F					
HCG287F					$X
HCG336F					349.1
HCG280F	468.3				391.9
HCG322F					
HCG250F					$X
HCG219F					365.9
HCG235F					
HCG272F	$C				
HCG313F					$X
HCG338F					377.3
HCG281F	416.7	421.8	439.3	451.3	450.0
HCG319F					
HCG207F					$X
HCG286F					337.2
HCG271F					377.2
HCG261F	458.5	443.2	451.7	459.6	460.2
HCG229F					
HCG218F					396.7
HCG247F					408.7
HCG308F					
HCG297F					334.9
HCG267F					
MEAN	465.1	440.7	453.9	468.3	388.2
STD.DEV.	27.5	17.8	15.8	22.6	47.8
N	6	3	3	3	18

APPENDIX L - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1B) (CONT.)
(GRAMS)
DOSE: 50 MG/KG

TIME=	1 3 3 D A Y S	1 4 0 D A Y S	1 4 7 D A Y S	1 5 4 D A Y S	1 6 1 D A Y S	1 6 8 D A Y S
HCG340F	323.5	340.7	340.4	$C		
HCG334F	378.3	390.6	392.2	$C		
HCG311F	320.5	321.3	334.6	339.7	$C	
HCG282F	302.2	307.5	304.5	302.8	$C	
HCG212F	321.7	329.6	340.8	347.5	$C	
HCG245F	323.9	328.4	325.8	332.2	$C	
HCG326F	$X					
HCG257F	$X					
HCG264F	386.8	386.8	398.3	404.8	$C	
HCG333F	308.7	321.3	322.7	327.9	$C	
HCG278F	340.7	352.3	347.6	348.5	357.3	$C
HCG332F	370.3	379.5	392.3	405.6	$C	
HCG327F	267.9	278.0	285.6	$C		
HCG241F	360.9	372.9	388.9	387.3	$C	
HCG318F	367.3	394.5	407.8	409.5	$C	
HCG231F	290.5	292.6	298.4	294.7	$C	
HCG283F	$X					
HCG244F	378.1	392.7	396.9	399.1	$C	
HCG214F	333.1	335.3	330.7	324.7	$C	
HCG269F	389.7	393.0	406.3	404.1	$C	
HCG243F	$X					
HCG290F	325.0	341.7	343.9	337.0	$C	
HCG301F	337.3	342.4	342.2	353.1	371.6	$C
HCG208F	378.5	394.2	390.6	$C		
HCG233F	$X					
HCG232F	368.0	387.5	408.4	416.0	433.1	447.4
HCG325F	319.5	319.1	316.4	315.8	$C	
HCG305F	321.9	315.6	323.5	$C		
HCG234F	354.2	369.7	379.4	386.3	397.0	416.0
HCG298F	421.8	437.9	464.5	484.4	486.1	480.6
MEAN	343.6	353.0	359.3	366.1	409.0	448.0
STD.DEV.	35.8	39.1	43.7	47.7	51.8	32.3
N	25	25	25	20	5	3

APPENDIX L - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1B) (CONT.)
(GRAMS)
DOSE: 50 MG/KG (CONT.)

TIME=	1 7 5 D A Y S	1 8 2 D A Y S	1 8 9 D A Y S	1 9 6 D A Y S	2 0 3 D A Y S
HCG340F					343.5
HCG334F					395.1
HCG311F					341.3
HCG282F					$X
HCG212F					336.8
HCG245F					352.0
HCG326F					
HCG257F					
HCG264F					401.4
HCG333F					$X
HCG278F					
HCG332F					398.0
HCG327F					327.3
HCG241F					$X
HCG318F					$X
HCG231F					$X
HCG283F					
HCG244F					418.7
HCG214F					362.0
HCG269F					424.4
HCG243F					
HCG290F					367.9
HCG301F					
HCG208F					$X
HCG233F					
HCG232F	446.1	429.4	436.4	418.1	420.5
HCG325F					343.1
HCG305F					$X
[redacted]G234F	468.7				404.3
HCG298F	478.4	479.9	496.1	524.2	530.9
MEAN	464.4	454.7	466.3	471.2	385.5
STD.DEV.	16.6	35.7	42.2	75.0	51.1
N	3	2	2	2	16

APPENDIX L - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1B) (CONT.)
(GRAMS)
DOSE: 160 MG/KG

TIME=	1 3 3 D A Y S	1 4 0 D A Y S	1 4 7 D A Y S	1 5 4 D A Y S	1 6 1 D A Y S	1 6 8 D A Y S
HCG215F	349.9	353.8	355.6	361.1	$C	
HCG220F	314.8	329.1	332.6	$C		
HCG316F	346.9	356.7	364.7	362.6	$C	
HCG296F	308.2	313.7	330.3	340.3	351.0	361.1
HCG275F	$X					
HCG329F	313.2	318.8	319.5	327.2	$C	
HCG260F	337.3	354.4	351.0	351.5	$C	
HCG295F	301.5	321.3	330.2	327.2	355.4	$C
HCG240F	303.3	312.8	323.9	326.5	$C	
HCG291F	308.6	304.8	309.4	$C		
HCG335F	358.6	373.8	392.9	388.5	415.8	4[illegible].9
HCG238F	$X					
HCG258F	357.1	350.8	363.8	374.4	$C	
HCG330F	$X					
HCG277F	328.8	325.7	322.8	329.4	$C	
HCG317F	354.1	353.7	344.1	355.0	382.8	389.1
HCG221F	324.7	328.9	349.4	$C		
HCG331F	355.0	374.2	382.8	$C		
HCG339F	365.5	370.6	386.6	394.1	415.3	437.8
HCG323F	$X					
HCG307F	315.2	313.0	325.9	$C		
HCG314F	$X					
HCG225F	311.2	314.9	313.0	309.4	323.5	323.3
HCG217F	$X					
HCG263F	390.2	390.3	402.5	400.0	418.4	429.8
HCG254F	354.4	363.0	362.4	376.1	$C	
HCG242F	302.6	308.9	305.3	312.5	$C	
HCG304F	282.0	288.7	299.6	301.7	$C	
HCG276F	$X					
HCG302F	346.0	357.7	365.8	372.7	$C	
MEAN	331.7	338.2	345.0	350.6	380.3	391.3
STD.DEV.	26.8	27.3	29.3	30.2	38.0	43.4
N	23	23	23	18	7	6

APPENDIX L - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1B) (CONT.)
(GRAMS)
DOSE: 160 MG/KG (CONT.)

TIME=	1 7 5 DAYS	1 8 2 DAYS	1 8 9 DAYS	1 9 6 DAYS	2 0 3 DAYS
HCG215F					374.9
HCG220F					335.7
HCG316F					368.7
HCG296F	431.8				335.0
HCG275F					
HCG329F					346.8
HCG260F					376.5
HCG295F					
HCG240F					339.0
HCG291F					295.5
HCG335F	412.5	424.8	424.6	437.4	431.2
HCG238F					
HCG258F					392.6
HCG330F					
HCG277F					$X
HCG317F	401.9	414.6	388.7	386.4	387.7
HCG221F					371.2
HCG331F					373.2
HCG339F	509.9				383.5
HCG323F					
HCG307F					349.9
HCG314F					
HCG225F	$C				
HCG217F					
HCG263F	$C				
HCG254F					379.0
HCG242F					$X
HCG304F					313.8
HCG276F					
HCG302F					390.0
MEAN	439.0	419.7	406.7	411.9	363.6
STD.DEV.	48.8	7.2	25.4	36.1	32.2
N	4	2	2	2	18

APPENDIX L - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1B) (CONT.)
(GRAMS)
DOSE: 500 MG/KG

TIME=	1 3 3 D A Y S	1 4 0 D A Y S	1 4 7 D A Y S	1 5 4 D A Y S	1 6 1 D A Y S	1 6 8 D A Y S
HCG248F	336.4	363.5	359.5	363.6	357.9	$C
HCG294F	357.1	375.5	388.9	$C		
HCG262F	$X					
HCG309F	310.1	318.3	331.9	$C		
HCG252F	438.0	447.2	461.2	459.4	$C	
HCG255F	329.4	349.3	360.1	361.2	$C	
HCG337F	$X					
HCG288F	361.9	373.7	383.9	381.2	$C	
HCG270F	328.5	332.2	330.3	337.8	336.5	347.2
HCG211F	310.1	316.4	315.1	$C		
HCG300F	335.6	347.3	357.0	353.2	$C	
HCG320F	392.0	415.0	423.8	$C		
HCG266F	353.5	370.8	374.2	$C		
HCG213F	$X					
HCG210F	330.7	329.6	338.4	344.5	$C	
HCG306F	407.3	427.8	451.0	$C		
HCG299F	291.3	301.9	312.1	304.7	$C	
HCG268F	$X					
HCG226F	323.7	333.7	[illegible].4	$C		
HCG312F	350.4	362.1	[illegible].1	371.0	$C	
HCG253F	320.8	317.6	[illegible].7	327.0	333.1	318.4
HCG284F	$X					
HCG227F		359.0	322.6	331.7	$C	
HCG293F	312.9	330.3	330.0	$C		
HCG259F	318.9	332.5	333.8	$C		
HCG230F	337.2	336.5	332.4	$C		
HCG315F	383.8	407.4	407.4	415.0	$C	
HCG273F	321.4	329.0	340.8	354.1	370.9	358.4
HCG209F	$X					
HCG292F	357.1	376.7	377.7	363.5	387.5	381.8
MEAN	343.8	356.4	360.9	362.0	357.2	351.5
STD.DEV.	34.7	37.7	41.4	38.4	23.0	26.3
N	23	24	24	14	5	4

APPENDIX L - INDIVIDUAL WEEKLY BODY WEIGHTS - P1 FEMALES (F1B) (CONT.)
(GRAMS)
DOSE: 500 MG/KG (CONT.)

TIME=	1 7 5 D A Y S	1 8 2 D A Y S	1 8 9 D A Y S	1 9 6 D A Y S	2 0 3 D A Y S
HCG248F					
HCG294F					$X
HCG262F					
HCG309F					$X
HCG252F					477.2
HCG255F					401.3
HCG337F					
HCG288F					416.6
HCG270F	396.9				338.9
HCG211F					325.3
HCG300F					369.9
HCG320F					418.6
HCG266F					370.4
HCG213F					
HCG210F					345.6
HCG306F					$X
HCG299F					335.9
HCG268F					
HCG226F					335.1
HCG312F					$X
HCG253F	325.1	328.8	335.2	346.0	340.4
HCG284F					
HCG227F					372.6
HCG293F					344.3
HCG259F					$X
HCG230F					$X
HCG315F					394.5
HCG273F	$C				
HCG209F					
HCG292F	378.2	387.7	380.2	381.2	385.3
MEAN	366.7	358.3	357.7	363.6	373.3
STD.DEV.	37.2	41.6	31.8	24.9	41.0
N	3	2	2	2	16

NOTE: SEE GESTATION BODY WEIGHT TABLES AS ANIMALS WERE CONFIRMED MATED
$ - VALUE EXCLUDED
C - ANIMAL CONFIRMED MATED
N - VALUE NOT RECORDED
X - ANIMAL DEAD

DRAFT
[illegible]

APPENDIX M - INDIVIDUAL GESTATION BODY WEIGHTS - P1/F1B
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 1 - 0 MG/KG						
HCG222	336	367	379	386	415	459
HCG224a,c						
HCG321a						
HCG251	315	350	366	375	418	494
HCG274	409	446	458	473	505	572
HCG256	356	397	409	427	436	470
HCG237a						
HCG236b						
HCG287c						
HCG336	339	369	388	403	434	476
HCG280a						
HCG322	357	382	399	409	437	493
HCG250c						
HCG219	345	369	383	393	419	489
HCG235b						
HCG272c						
HCG313c						
HCG338	383	405	415	431	454	512
HCG281a,c						
HCG319b						
HCG207c						
HCG286	323	349	355	372	399	456
HCG271	371	384	386	407	423	470
HCG261a,c						
HCG229b						
HCG218	377	403	415	422	457	510
HCG247	436	475	487	508	526	566
HCG308b						
HCG297	327	352	356	368	409	476
HCG267b						

NOTES: G = Gestation
a = No Confirmed Date Of Mating
b = Animal Dead, Not Mated
c = Animal Did Not Deliver
NR = Body Weight Not Recorded Due To Technician Oversight

APPENDIX M - INDIVIDUAL GESTATION BODY WEIGHTS - P1/F1B CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 2 - 50 MG/KG						
HCG340	346	370	381	394	420	489
HCG334	389	415	430	440	468	547
HCG311	330	360	373	390	418	489
HCG282c						
HCG212	348	364	373	393	424	493
HCG245	327	356	375	393	420	476
HCG326b						
HCG257b						
HCG264	405	43[illegible]	438	447	471	541
HCG333c						
HCG278	356	NR	368	389	407	466
HCG332	404	419	428	448	476	547
HCG327	293	330	337	345	365	412
HCG241c						
HCG318c						
HCG231c						
HCG283b						
HCG244	405	425	441	468	485	527
HCG214	NR	368	374	386	412	462
HCG269	407	436	448	468	495	568
HCG243b						
HCG290	338	361	383	392	418	474
HCG301	367	305	359	375	403	448
HCG208c						
HCG233b						
HCG232a,c						
HCG325	317	347	368	385	404	423
HCG305c						
HCG234a						
HCG298a,c						

NOTES: G = Gestation
a = No Confirmed Date Of Mating
b = Animal Dead, Not Mated
c = Animal Did Not Deliver
NR = Body Weight Not Recorded Due To Technician Oversight

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX M - INDIVIDUAL GESTATION BODY WEIGHTS - P1/F1B CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 3 - 160 MG/KG						
HCG215	367	372	384	409	424	488
HCG220	330	357	366	368	392	444
HCG316	362	400	417	441	471	522
HCG296a						
HCG275b						
HCG329	328	339	352	370	404	490
HCG260	345	386	407	432	449	456
HCG295	346	375	381	390	412	472
HCG240	327	352	360	371	399	457
HCG291	298	346	352	368	405	463
HCG335a,c						
HCG228b						
HCG258	372	394	408	429	453	509
HCG330b						
HCG277c						
HCG317a,c						
HCG221	368	407	423	433	470	524
HCG331	393	416	434	442	475	545
HCG339a						
HCG323b						
HCG307	324	353	354	366	401	464
HCG314b						
HCG225c						
HCG217b						
HCG263c						
HCG254	375	413	434	445	472	505
HCG242c						
HCG304	300	325	333	351	360	400
HCG276b						
HCG302	369	390	402	419	431	464

NOTES: G = Gestation
a = No Confirmed Date Of Mating
b = Animal Dead. Not Mated
c = Animal Did Not Deliver
NR = Body Weight Not Recorded Due To Technician Oversight

APPENDIX M - INDIVIDUAL GESTATION BODY WEIGHTS - P1/F1B CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 4 - 500 MG/KG						
HCG248	353	NR	388	410	427	475
HCG294c						
HCG262b						
HCG309c						
HCG252	456	476	492	505	531	597
HCG255	361	395	405	425	451	509
HCG337b						
HCG288	383	400	406	425	434	477
HCG270a						
HCG211	312	343	347	351	380	417
HCG300	353	371	377	399	412	456
HCG320	413	436	439	448	471	499
HCG266	369	400	405	415	432	472
HCG213b						
HCG210	335	354	369	389	404	449
HCG306c						
HCG299	302	324	337	355	376	430
HCG268b						
HCG226	336	353	356	364	392	449
HCG312c						
HCG253a,c						
HCG284b						
HCG227	329	358	361	380	413	470
HCG293	325	350	364	379	413	480
HCG259c						
HCG230c						
HCG315	419	436	453	470	485	536
HCG273	366	381	398	405	431	464
HCG209b						
HCG292a,c						

NOTES: G = Gestation
a = No Confirmed Date Of Mating
b = Animal Dead, Not Mated
c = Animal Did Not Deliver
NR = Body Weight Not Recorded Due To Technician Oversight

APPENDIX N - INDIVIDUAL LACTATION BODY WEIGHTS - P1/F1B
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 1 - 0 MG/KG						
HCG222	364	374	382	391	414	376
HCG224a						
HCG321	451	452	462	466	470	424
HCG251	370	357	364	363	386	333
HCG274	453	449	466	455	453	430
HCG256	419	423	425	419	408	388
HCG237	375	387	407	409	406	384
HCG236b						
HCG287a						
HCG336	391	392	403	408	411	384
HCG280	420	415	420	407	407	399
HCG322	395	397	409	419	424	386
HCG250a						
HCG219	358	376	384	389	408	401
HCG235b						
HCG272a						
HCG313a						
HCG338	410	408	407	421	416	416
HCG281a						
HCG319b						
HCG207a						
HCG286	370	374	384	388	384	367
HCG271	399	400	407	429	426	403
HCG261a						
HCG229b						
HCG218	407	408	425	431	449	471
HCG247	460	474	473	477	468	437
HCG308b						
HCG297	370	353	371	364	381	352
HCG267b						

NOTES: L = Lactation
a = Animal Did Not Deliver
b = Animal Dead, Not Mated
c = No Pups Remain In Litter

APPENDIX N - INDIVIDUAL LACTATION BODY WEIGHTS - P1/F1B CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 2 - 50 MG/KG						
HCG340	368	376	377	380	390	390
HCG334	431	430	452	451	447	411
HCG311	370	376	377	356	366	352
HCG282a						
HCG212	371	384	392	391	394	368
HCG245	385	370	381	385	401	415
HCG326b						
HCG257b						
HCG264	429	421	429	449	443	433
HCG333a						
HCG278	366	379	388	377	409	379
HCG332	418	414	428	431	429	406
HCG327	332	324	339	333	343	346
HCG241a						
HCG318a						
HCG231a						
HCG283b						
HCG244	450	445	458	461	462	434
HCG214	376	375	376	392	407	382
HCG269	446	441	460	455	454	424
HCG243b						
HCG290	369	373	378	412	404	387
HCG301	367	375	389	395	399	392
HCG208a						
HCG233b						
HCG232a						
HCG325	376	382	383	381	370	365
HCG305a						
HCG234	429	407	417	427	422	406
HCG298a						

NOTES: L = Lactation
a = Animal Did Not Deliver
b = Animal Dead, Not Mated
c = No Pups Remain In Litter

APPENDIX N - INDIVIDUAL LACTATION BODY WEIGHTS - P1/F1B CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 3 - 160 MG/KG						
HCG215	377	390	400	400	402	398
HCG220	359	346	356	368	377	370
HCG316	425	415	415	426	422	391
HCG296	329	341	356	361	374	340
HCG275b						
HCG329	362	374	377	380	395	392
HCG260	370	364	385	388	381	403
HCG295	362	367	366	371	365	352
HCG240	370	364	361	374	379	359
HCG291	376	371	381	340	340	318
HCG335a						
HCG238b						
HCG258	433	431	438	439	437	431
HCG330b						
HCG277a						
HCG317a						
HCG221	421	421	424	401	403	374
HCG331	432	434	431	412	415	400
HCG339	417	421	413	413	421	388
HCG323b						
HCG307	350	357	370	353	392	381
HCG314b						
HCG225a						
HCG217b						
HCG263a						
HCG254	417	410	415	409	433	420
HCG242a						
HCG304	357	337	343	352	361	343
HCG276b						
HCG302	406	407	394	397	408	376

NOTES: L = Lactation
a = Animal Did Not Deliver
b = Animal Dead, Not Mated
c = No Pups Remain In Litter

APPENDIX N - INDIVIDUAL LACTATION BODY WEIGHTS - P1/F1R CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 4 - 500 MG/KG						
HCG248	390	386	388	380	392	379
HCG294a						
HCG262b						
HCG309a						
HCG252	486	464	471	482	491	500
HCG255c	410	396				
HCG337b						
HCG288c	403					
HCG270	338	345	353	361	370	344
HCG211	323	320	324	325	338	348
HCG300	365	374	372	376	389	385
HCG320	445	435	437	435	439	423
HCG266	412	400	409	410	399	374
HCG213b						
HCG210	365	363	354	343	366	356
HCG306a						
HCG299c	335	329				
HCG268b						
HCG226	366	348	363	346	361	350
HCG312a						
HCG253a						
HCG284b						
HCG227	369	356	368	374	392	394
HCG293	370	355	353	370	394	391
HCG259a						
HCG230c						
HCG315	426	423	424	419	429	408
HCG273	370	357	380	381	385	369
HCG209b						
HCG292a						

NOTES: L = Lactation
a = Animal Did Not Deliver
b = Animal Dead, Not Mated
c = No Pups Remain In Litter

APPENDIX O - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 MALES
DOSE: 0 MG/KG

TIME=	BASE LINE	1 WEEKS	2 WEEKS	3 WEEKS	4 WEEKS	5 WEEKS	6 WEEKS	7 WEEKS	8 WEEKS	9 WEEKS	10 WEEKS	15 WEEKS	17 WEEKS
HCG115M	147.4	167.6	$N	181.7	186.1	188.2	190.4	198.3	188.4	190.8	183.3	199.8	190.0
HCG086M	151.7	170.8	176.2	176.6	173.4	176.9	179.5	194.2	182.8	183.7	175.6	170.7	191.2
HCG196M	133.8	150.3	154.8	153.7	154.7	161.4	167.6	162.0	163.6	164.8	151.2	160.8	157.5
HCG143M	$N	177.2	$N	187.2	202.8	200.6	202.4	$S	$S	204.7	194.9	205.5	200.0
HCG140M	142.1	152.0	155.8	164.5	163.4	161.1	164.4	165.0	169.5	161.3	$S	159.6	163.9
HCG082M	161.9	182.7	192.0	206.0	209.4	207.9	217.2	217.4	217.9	215.7	200.2	210.7	206.1
HCG166M	157.7	173.5	179.9	184.0	191.2	185.1	187.5	189.3	194.2	199.1	196.5	205.9	203.3
HCG142M	393.3	185.4	$N	193.5	$S	198.3	$S	197.9	$S	$S	177.4	204.2	189.5
HCG071M	150.6	162.1	174.6	181.1	188.0	176.9	176.5	175.1	185.1	180.0	161.6	154.2	156.6
HCG160M	150.9	170.3	186.2	188.7	192.7	195.3	206.4	208.9	214.6	212.2	200.4	183.4	185.4
HCG074M	166.9	176.0	$N	185.0	189.8	107.6	$S	$S	$S	200.1	$S	180.8	185.3
HCG127M	147.0	158.1	168.6	173.8	174.4	175.6	180.8	185.1	184.8	181.0	178.9	179.4	175.2
HCG105M	169.7	189.1	192.5	195.4	202.1	201.3	196.5	202.4	203.2	200.9	196.4	201.9	194.2
HCG169M	144.1	159.4	168.0	179.4	181.0	186.4	189.8	192.4	192.4	189.0	177.1	171.4	181.2
HCG198M	156.1	162.7	169.4	176.5	181.2	178.1	186.6	191.1	194.0	195.0	184.1	188.4	166.8
HCG133M	162.6	176.6	179.4	182.0	183.2	177.8	177.7	180.9	183.6	176.9	174.0	84.5	192.5
HCG158M	142.6	162.3	$N	$S	$S	$S	$S	$S	$S	175.6	$S	176.2	174.4
HCG153M	152.0	164.6	169.1	176.9	182.2	174.8	174.1	181.4	185.4	185.0	178.6	175.0	174.3
HCG084M	164.5	181.6	$N	189.6	191.7	192.3	190.2	197.1	203.6	187.8	188.1	203.9	192.8
HCG073M	148.2	164.1	172.8	184.5	185.7	184.6	184.7	198.3	188.0	191.5	180.6	170.1	185.4
HCG118M	160.3	173.7	185.6	193.0	190.7	194.0	195.4	204.3	201.0	202.6	199.7	192.5	180.7
HCG089M	152.7	162.8	170.8	196.8	180.2	156.5	160.6	176.0	190.4	180.8	175.5	176.8	166.4
HCG156M	166.6	184.5	187.5	187.3	190.6	185.7	183.3	191.8	200.9	186.7	179.2	167.8	190.9
HCG109M	138.6	151.7	155.4	158.7	159.0	161.6	154.4	167.0	$S	169.2	$S	160.0	158.9
HCG129M	148.7	164.5	168.6	171.9	167.7	166.9	165.6	171.0	171.1	169.0	154.6	164.0	163.8
HCG178M	155.8	163.1	$N	176.2	176.6	$S	178.5	189.6	$S	188.8	175.8	184.8	179.2
HCG093M	165.4	173.0	$N	190.9	196.7	194.0	191.3	196.7	200.4	191.4	170.9	181.4	180.8
HCG192M	$N	180.1	185.4	208.2	190.6	191.5	189.2	185.6	176.1	191.4	185.1	186.6	174.0
HCG131M	176.3	213.6	230.3	242.0	$S	235.8	246.7	238.1	$S	232.0	229.0	$S	229.3
HCG099M	159.1	166.4	162.9	167.2	167.8	173.6	171.6	186.6	189.6	181.8	174.2	176.5	174.6
MEAN	163.1	170.7	176.6	184.7	183.4	181.8	185.5	190.5	190.5	189.3	182.8	173.5	182.1
STD.DEV.	46.2	13.1	16.4	16.8	13.3	22.1	18.8	16.4	13.4	15.5	15.8	24.1	16.1
N	28	30	22	29	27	28	27	27	23	29	26	29	30

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APPENDIX O - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 MALES (CONT.)
DOSE: 0 MG/KG (CONT.)

TIME=	1 8	1 9	2 0	2 1	2 6	2 7	2 8	2 9	3 0
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
HCG115M	198.9	194.0	193.8	196.5	189.1	185.2	167.9	180.0	181.2
HCG086M	188.0	185.3	189.2	184.6	188.6	196.5	189.2	175.8	95.2
HCG196M	163.0	161.7	165.5	152.3	144.9	151.9	146.4	113.9	137.4
HCG143M	211.6	198.5	194.8	199.1	$$	$$	209.9	209.3	208.4
HCG140M	166.1	169.8	161.8	171.5	171.1	$$	167.5	166.1	173.8
HCG082M	213.7	201.3	205.4	201.9	187.5	200.9	209.2	220.4	227.5
HCG166M	196.2	185.7	178.7	182.9	174.3	174.9	173.9	170.4	178.6
HCG142M	196.2	186.5	183.0	188.6	191.5	192.0	182.0	177.3	181.7
HCG071M	157.4	149.7	155.9	157.4	156.7	157.3	153.0	156.3	163.7
HCG160M	188.6	179.4	181.7	182.4	175.2	175.5	173.5	166.2	174.0
HCG074M	177.9	167.5	169.6	174.6	158.3	175.6	171.7	168.1	174.5
HCG127M	181.1	173.3	175.9	168.4	168.2	163.2	168.8	183.6	171.7
HCG105M	199.5	193.6	187.9	181.5	185.6	187.4	178.7	173.6	191.0
HCG169M	183.0	182.2	169.1	179.6	168.0	180.4	171.9	156.1	181.9
HCG198M	212.9	170.6	181.3	177.0	177.0	185.1	172.9	179.9	181.7
HCG133M	184.7	174.8	175.4	177.7	160.3	170.1	170.6	174.4	179.7
HCG158M	176.2	181.1	180.6	188.3	171.0	181.6	176.6	182.2	184.1
HCG153M	183.6	173.7	181.8	179.6	162.3	165.0	168.5	160.1	159.8
HCG084M	204.5	190.8	189.8	191.4	185.3	188.4	193.9	108.6	192.7
HCG073M	189.9	183.7	177.8	182.3	178.5	178.0	183.4	165.5	163.9
HCG118M	192.3	194.6	198.3	194.4	184.4	190.2	194.9	181.1	190.9
HCG089M	171.1	169.2	157.1	125.0	163.0	167.0	163.2	166.9	155.3
HCG156M	190.6	190.5	187.8	185.0	182.0	186.0	182.9	184.8	182.8
HCG109M	164.0	165.0	170.7	164.2	159.5	165.3	161.9	148.9	155.0
HCG129M	170.7	161.8	158.7	161.3	152.5	158.8	154.3	156.8	154.9
HCG178M	190.1	179.4	176.4	190.6	182.6	181.6	179.5	140.1	179.6
HCG093M	191.4	186.3	173.7	182.2	168.1	163.4	169.5	164.0	170.4
HCG192M	179.9	178.7	185.9	179.4	163.2	155.7	178.8	183.2	196.1
HCG131M	242.1	246.9	245.5	215.6	235.9	225.2	227.8	217.0	213.3
HCG099M	175.6	182.3	185.2	179.8	174.4	174.9	172.0	168.7	164.1
MEAN	188.0	181.9	181.3	179.8	174.4	177.8	177.1	170.0	175.5
STD.DEV.	17.8	17.2	17.1	16.8	16.9	15.9	17.2	23.8	23.9
N	30	30	30	30	29	28	30	30	30

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[illegible]

APPENDIX O - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 MALES (CONT.)
DOSE: 50 MG/KG

TIME=	BASE LINE	1 WEEKS	2 WEEKS	3 WEEKS	4 WEEKS	5 WEEKS	6 WEEKS	7 WEEKS	8 WEEKS	9 WEEKS	10 WEEKS	15 WEEKS	17 WEEKS
HCG171M	123.0	132.1	141.0	146.8	149.9	150.9	159.7	157.4	158.0	161.7	162.1	157.5	165.2
HCG132M	154.1	159.8	159.4	162.8	160.2	161.9	168.5	162.3	171.3	166.9	162.8	162.6	161.4
HCG194M	145.7	158.7	162.7	$S	164.4	163.5	165.7	165.0	173.3	171.9	170.0	128.1	163.0
HCG081M	158.7	181.2	193.7	210.3	213.0	213.3	219.2	212.7	210.1	212.6	208.7	$S	210.4
HCG141M	149.4	159.1	156.8	169.8	168.4	162.2	165.0	167.2	164.6	166.4	163.0	163.6	160.0
HCG190M	144.1	153.4	164.4	169.8	$S	174.3	178.3	176.6	173.3	184.7	178.4	175.2	174.7
HCG098M	132.8	144.0	152.9	157.1	159.1	158.2	159.1	161.6	166.2	169.5	167.5	168.3	163.6
HCG181M	127.2	141.3	145.3	145.6	144.5	149.9	156.8	160.5	158.4	152.1	157.2	155.7	157.9
HCG119M	167.6	186.6	210.3	221.4	223.9	218.7	225.3	227.4	225.3	224.9	217.8	207.1	215.9
HCG189M	135.8	$N	$N	$S	$S	$S	156.1	156.1	154.4	149.9	144.7	154.6	153.0
HCG199M	168.7	186.4	193.9	230.7	204.3	$S	199.0	192.3	202.3	206.5	205.3	199.0	201.2
HCG177M	170.4	186.3	$N	$S	$S	187.6	196.1	203.3	$S	$S	$S	191.2	186.3
HCG122M	152.8	179.5	197.6	197.8	198.1	181.6	187.9	196.1	192.5	195.1	201.7	196.0	209.5
HCG116M	$N	171.0	191.1	204.9	206.8	205.0	217.4	220.6	228.2	224.8	221.1	222.2	224.8
HCG188M	135.4	145.9	155.5	121.6	146.5	150.5	154.2	149.4	155.4	157.3	149.6	156.5	156.0
HCG154M	150.6	166.4	173.1	186.8	195.9	195.0	192.6	192.0	191.4	190.9	186.8	186.5	187.8
HCG164M	155.6	162.0	170.2	171.0	171.0	167.7	170.5	173.0	171.1	169.1	167.2	168.8	155.4
HCG124M	149.9	168.1	172.0	171.6	168.5	156.0	173.3	172.2	166.1	170.8	176.5	$S	176.0
HCG087M	148.1	165.8	168.2	182.8	174.4	$S	177.0	178.4	179.9	177.1	173.5	176.9	174.1
HCG120M	$N	149.9	159.5	161.4	170.0	168.8	177.0	183.1	184.2	176.7	177.3	174.7	175.0
HCG137M	$N	172.8	174.4	180.0	190.1	174.2	168.9	168.5	169.3	177.3	176.2	157.6	167.6
HCG180M	163.1	175.5	188.4	196.1	199.0	193.8	190.9	188.0	195.9	197.5	186.4	177.7	176.3
HCG075M	168.0	178.5	180.7	190.6	187.7	198.5	191.0	$S	190.5	191.1	185.3	200.9	197.2
HCG152M	154.5	170.2	175.1	181.4	177.2	$S	185.1	184.6	183.1	184.9	181.5	176.6	178.8
HCG100M	160.0	172.4	188.7	264.8	189.3	186.2	188.8	190.0	188.3	200.3	188.4	189.4	187.8
HCG088M	153.1	161.9	171.8	177.2	175.7	181.2	176.7	174.1	177.4	167.3	170.9	173.3	170.1
HCG203M	136.9	143.9	148.9	159.6	150.1	155.1	153.3	156.5	152.4	157.9	154.4	148.1	159.7
HCG146M	169.0	179.2	180.7	195.1	203.4	206.0	211.5	211.4	204.1	204.3	206.5	203.0	206.2
HCG193M	148.6	167.5	177.8	189.9	189.3	$S	178.9	185.4	183.4	184.7	186.4	184.4	182.7
HCG083M	167.4	178.0	$N	181.8	159.9	179.9	188.8	197.4	$S	208.7	208.9	202.4	200.7
MEAN	151.5	165.4	172.4	182.5	179.2	177.6	181.1	181.5	181.1	182.9	180.6	177.1	179.9
STD.DEV.	13.3	14.7	17.2	28.8	21.7	20.6	19.8	20.5	20.2	20.8	20.4	21.2	20.2
N	27	29	27	27	27	25	30	29	28	29	29	28	30

APPENDIX O - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 MALES (CONT.)
DOSE: 50 MG/KG (CONT.)

TIME=	1 8 WEEKS	1 9 WEEKS	2 0 WEEKS	2 1 WEEKS	2 6 WEEKS	2 7 WEEKS	2 8 WEEKS	2 9 WEEKS	3 0 WEEKS
HCG171M	170.8	178.8	177.9	170.3	163.6	172.1	164.7	179.1	177.8
HCG132M	160.1	158.5	154.4	149.1	152.5	153.9	151.6	157.8	159.9
HCG194M	168.3	171.2	169.6	161.1	152.7	154.7	156.8	161.4	163.4
HCG081M	214.7	209.9	205.0	200.2	217.9	217.0	213.2	207.8	206.8
HCG141M	172.7	$S	164.2	161.2	$S	$S	$S	161.4	162.3
HCG190M	178.3	173.3	175.4	166.7	177.1	176.6	171.8	175.9	179.2
HCG098M	172.8	175.3	179.1	176.8	170.2	178.3	199.6	181.0	170.5
HCG181M	161.0	160.9	161.2	154.8	158.3	156.7	158.9	161.8	160.8
HCG119M	227.2	233.3	223.4	211.7	196.0	201.2	207.5	214.4	202.0
HCG189M	160.8	161.4	156.3	159.4	156.0	160.1	168.8	163.4	161.4
HCG199M	204.0	207.2	200.2	200.2	206.1	201.7	155.6	151.1	188.2
HCG177M	188.7	193.1	184.1	186.2	183.6	190.5	181.9	187.1	170.2
HCG122M	210.9	220.0	218.7	210.4	185.7	203.0	201.0	202.8	192.1
HCG116M	231.1	231.6	227.5	222.7	222.7	229.7	226.6	227.1	227.3
HCG188M	136.0	177.4	162.5	158.6	163.2	159.9	164.6	76.6	188.5
HCG154M	184.1	182.0	188.2	191.7	196.7	203.9	194.3	204.4	196.4
HCG164M	164.5	163.8	168.3	162.3	165.2	157.5	159.1	155.1	161.4
HCG124M	173.3	175.1	172.1	171.5	173.1	172.3	170.8	167.4	168.5
HCG087M	177.9	181.1	179.4	172.0	174.3	181.9	$S	171.8	169.6
HCG120M	181.5	181.0	173.0	171.8	169.5	178.7	180.2	179.7	179.9
HCG137M	171.4	179.1	182.7	176.8	172.1	180.3	182.2	184.3	181.0
HCG180M	181.0	183.7	179.1	171.2	159.7	176.3	176.2	175.2	175.0
HCG075M	196.5	199.1	188.7	197.9	201.3	213.9	206.4	190.2	195.8
HCG152M	178.0	178.4	176.9	174.8	172.6	175.8	181.4	179.3	176.1
HCG100M	187.3	190.4	186.0	183.3	$S	188.4	190.2	185.0	182.6
HCG088M	177.3	173.0	175.8	184.8	168.6	172.1	172.6	167.7	165.4
HCG203M	152.3	164.8	161.9	160.8	157.9	161.0	151.3	150.0	159.5
HCG146M	218.7	222.4	211.8	186.4	193.5	201.2	194.4	188.6	207.8
HCG193M	180.4	179.2	178.4	168.1	171.7	160.1	169.1	167.8	166.0
HCG083M	205.8	203.8	196.2	218.1	194.8	187.0	194.3	232.0	164.1
MEAN	182.9	186.5	182.6	179.4	177.7	181.6	180.2	176.9	178.7
STD.DEV.	22.3	21.1	19.3	19.6	19.3	20.5	20.1	28.4	17.2
N	30	29	30	30	28	29	28	30	30

DRAFT
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APPENDIX O - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 MALES (CONT.)
DOSE: 160 MG/KG

TIME=	BASE LINE	1 WEEKS	2 WEEKS	3 WEEKS	4 WEEKS	5 WEEKS	6 WEEKS	7 WEEKS	8 WEEKS	9 WEEKS	10 WEEKS	15 WEEKS	17 WEEKS
HCG145M	149.0	165.7	$N	190.8	$S	183.1	178.0	187.6	177.1	179.8	179.4	165.2	174.0
HCG179M	127.6	138.1	144.2	150.7	151.4	154.1	146.9	156.7	156.2	153.6	148.7	147.2	146.7
HCG077M	142.5	163.7	181.6	210.1	185.3	180.5	180.0	189.5	189.6	190.1	189.6	182.8	188.5
HCG165M	$N	179.2	190.8	196.9	189.9	190.7	180.3	189.4	188.0	190.4	195.7	199.4	161.8
HCG080M	149.9	170.4	174.6	$S	180.2	179.6	171.6	181.3	166.9	166.4	$S	$S	172.7
HCG136M	$N	160.0	166.4	$S	164.0	166.2	162.9	169.0	167.0	163.6	160.5	180.3	164.1
HCG125M	141.6	154.6	163.4	164.3	169.6	144.8	153.7	149.7	151.7	159.5	153.7	145.9	152.8
HCG095M	$N	187.7	208.5	213.3	221.6	232.2	226.6	238.4	237.7	235.5	227.7	208.7	220.4
HCG176M	144.3	159.3	176.7	228.1	165.0	160.1	159.0	163.5	167.7	166.2	163.3	162.1	165.7
HCG097M	154.3	169.5	$N	136.6	172.4	180.6	180.9	109.4	187.9	180.2	$S	$S	161.0
HCG202M	153.7	165.3	166.8	$S	181.2	189.8	185.5	187.3	183.7	183.4	184.8	182.3	183.8
HCG173M	167.2	199.9	208.9	225.0	219.5	222.1	220.9	228.0	227.8	236.7	232.5	231.0	235.9
HCG111M	157.6	170.3	186.2	190.3	$S	190.4	183.5	193.2	190.7	187.4	184.7	183.7	181.2
HCG150M	$N	198.0	217.7	227.5	215.2	211.7	212.3	218.5	214.3	206.5	199.5	197.7	201.9
HCG183M	144.1	160.2	175.2	199.1	178.4	177.7	178.1	183.0	183.9	189.4	178.7	171.1	173.5
HCG138M	147.9	165.4	$N	$S	$S	194.1	191.5	199.5	183.6	185.5	190.5	188.3	194.4
HCG106M	149.7	158.1	164.7	199.8	170.8	174.3	169.8	177.9	179.3	171.3	171.6	124.3	171.3
HCG200M	157.0	178.6	184.2	221.3	187.6	194.5	194.8	196.1	201.5	196.8	202.6	199.3	193.3
HCG102M	161.8	184.5	187.2	194.0	196.3	199.7	204.1	213.9	198.8	$S	187.8	213.0	200.1
HCG201M	137.0	154.2	155.8	161.0	155.4	154.9	156.3	166.5	164.9	161.8	155.8	156.0	151.9
HCG187M	153.0	170.1	171.4	183.4	$S	$S	186.8	195.0	$S	175.6	103.7	187.7	182.6
HCG186M	151.5	166.6	171.0	169.9	163.3	164.2	157.8	166.3	121.8	136.3	127.9	150.2	146.3
HCG113M	174.3	198.4	215.4	219.4	222.1	213.4	210.3	216.2	205.9	204.3	206.3	222.8	224.4
HCG134M	157.4	180.2	188.2	198.0	202.6	193.8	192.9	195.4	190.7	195.4	195.2	196.7	203.1
HCG204M	137.2	146.9	156.1	162.4	155.8	162.9	158.0	163.9	156.9	157.0	147.7	150.1	152.2
HCG092M	159.2	177.3	184.5	192.2	191.5	186.2	193.5	198.4	193.0	188.4	184.1	178.2	202.1
HCG090M	155.8	174.3	187.2	$S	185.1	$S	175.9	179.2	181.0	184.1	179.9	$S	176.6
HCG163M	142.2	151.0	151.1	160.4	158.5	158.9	157.9	166.6	163.3	162.7	156.5	147.7	154.5
HCG085M	159.3	177.9	185.0	$S	$S	178.4	178.2	$S	186.6	177.2	173.9	198.3	202.1
HCG103M	161.6	175.8	186.3	195.0	185.2	188.0	196.3	196.9	192.7	191.7	194.3	196.2	190.6
MEAN	151.4	170.0	179.2	191.2	182.7	183.1	181.5	185.4	183.1	182.0	180.6	180.2	181.0
STD.DEV.	10.2	14.9	18.9	25.7	21.2	21.0	20.4	25.8	23.3	22.0	23.5	26.2	23.7
N	26	30	27	24	25	28	30	29	29	29	28	27	30

APPENDIX O - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 MALES (CONT.)
DOSE: 160 MG/KG (CONT.)

TIME=	18	19	20	21	26	27	28	29	30
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
HCG145M	173.2	177.0	176.4	171.3	170.6	168.9	159.5	172.0	174.5
HCG179M	141.8	146.2	143.2	138.8	151.2	153.6	147.6	142.2	144.5
HCG077M	183.5	174.4	184.6	181.2	172.9	179.7	169.6	174.8	180.1
HCG165M	198.9	209.3	$S	193.1	206.1	$S	193.0	188.9	198.2
HCG080M	163.7	174.8	167.6	164.7	152.2	168.1	163.4	161.2	170.8
HCG136M	168.5	180.0	166.9	161.0	166.5	179.8	182.4	175.3	180.2
HCG125M	155.2	157.8	159.1	151.6	153.9	160.6	156.0	150.2	155.9
HCG095M	223.2	221.0	213.7	212.9	201.6	198.1	202.8	202.0	206.3
HCG176M	162.4	165.1	163.8	157.2	167.7	166.5	163.3	168.2	172.8
HCG097M	161.4	163.3	$S	173.1	175.6	191.2	191.9	178.0	195.1
HCG202M	185.1	183.3	177.5	178.3	178.3	181.5	175.9	179.1	177.8
HCG173M	227.1	227.5	231.3	221.8	206.8	209.0	222.3	213.2	218.5
HCG111M	188.8	194.4	184.8	171.7	180.4	180.3	185.6	173.5	181.1
HCG150M	193.2	198.8	190.6	193.2	198.0	202.9	198.9	196.5	196.1
HCG183M	175.7	173.7	172.2	173.4	172.0	165.0	166.7	164.7	166.5
HCG138M	197.8	205.4	201.4	201.7	206.1	207.5	197.3	193.9	199.1
HCG106M	173.9	173.1	168.5	166.5	171.4	161.9	161.7	161.6	167.4
HCG200M	194.7	206.8	196.3	185.4	195.3	188.5	196.0	198.6	$S
HCG102M	198.1	207.9	201.0	202.8	186.2	200.7	212.4	211.1	209.1
HCG201M	149.0	156.2	155.7	157.0	155.4	156.5	160.4	204.6	154.9
HCG187M	184.3	199.1	191.4	195.5	185.6	187.2	187.9	181.4	188.1
HCG186M	142.9	152.4	141.8	152.4	143.2	142.9	144.2	144.1	141.8
HCG113M	224.9	224.5	219.2	217.1	222.1	218.8	213.2	197.1	215.9
HCG134M	199.9	207.9	200.6	198.6	194.2	196.3	184.8	184.0	188.9
HCG204M	151.9	153.0	150.5	148.3	151.6	152.1	153.4	143.4	158.1
HCG092M	192.0	191.9	184.3	178.7	187.7	153.1	165.1	178.3	181.2
HCG090M	170.4	171.0	179.4	$S	167.3	171.4	169.8	171.2	173.8
HCG163M	156.8	151.5	154.1	151.2	158.8	152.9	146.4	152.6	155.8
HCG085M	200.2	198.8	198.2	192.8	197.4	194.7	191.6	183.2	196.0
HCG103M	182.4	185.4	180.8	182.6	187.2	168.1	173.1	175.9	182.8
MEAN	180.7	184.4	180.5	178.4	178.8	177.9	177.9	177.4	180.4
STD.DEV.	23.2	23.4	22.5	21.9	20.2	20.2	21.1	19.6	20.2
N	30	30	28	29	30	29	30	30	29

APPENDIX O - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 MALES (CONT.)
DOSE: 500 MG/KG

TIME=	BASE LINE	1 WEEKS	2 WEEKS	3 WEEKS	4 WEEKS	5 WEEKS	6 WEEKS	7 WEEKS	8 WEEKS	9 WEEKS	10 WEEKS	15 WEEKS	17 WEEKS
HCG144M	149.1	165.5	115.8	160.9	183.4	177.8	166.5	166.1	145.2	163.1	154.4	$S	183.5
HCG185M	146.2	157.6	164.5	172.1	168.8	160.3	156.4	171.9	169.7	170.3	170.8	172.0	178.0
HCG175M	143.1	166.1	184.3	193.9	$S	198.1	196.5	207.6	201.2	201.6	203.5	204.0	208.2
HCG094M	137.3	147.5	150.9	153.6	157.0	155.5	154.5	168.4	156.1	158.4	154.4	165.6	173.3
HCG123M	156.6	170.8	$N	$S	186.7	182.9	184.8	192.7	184.8	185.0	184.4	201.5	202.0
HCG126M	143.4	159.6	170.9	173.5	171.1	169.5	173.0	175.2	176.7	178.8	174.6	$S	172.0
HCG108M	159.8	181.6	$N	194.3	195.5	194.8	186.2	200.0	189.0	194.1	199.0	190.2	200.2
HCG135M	146.5	155.6	160.7	166.9	164.6	166.5	166.8	176.8	170.7	171.0	169.6	165.1	175.6
HCG161M	169.3	195.3	215.3	227.1	228.7	228.0	226.4	240.1	227.4	230.4	226.2	219.1	237.3
HCG195M	153.6	169.5	180.4	181.1	181.5	177.3	186.4	175.0	177.2	178.1	$S	186.1	170.4
HCG079M	162.0	180.4	182.6	195.7	203.9	201.6	198.9	202.5	205.2	205.0	206.7	205.9	217.4
HCG078M	158.9	187.3	195.2	184.3	183.7	184.3	184.2	182.3	186.9	187.6	175.8	183.9	181.0
HCG072M	$N	175.2	189.5	195.2	193.7	188.0	145.7	198.6	195.8	191.5	198.9	200.3	$S
HCG155M	$N	186.7	203.3	211.5	207.4	202.5	200.5	217.3	205.3	213.8	215.8	220.6	231.1
HCG091M	135.8	161.5	171.3	173.7	175.1	167.0	166.9	164.3	165.8	164.1	162.7	160.0	164.6
HCG148M	144.7	163.8	161.6	158.7	155.2	148.1	154.1	157.6	150.2	151.1	147.8	155.3	155.9
HCG104M	139.8	160.0	167.1	164.6	159.5	158.9	161.2	165.3	164.4	170.1	164.9	157.2	180.2
HCG096M	154.3	167.7	180.7	183.9	185.2	180.7	187.8	188.6	171.6	174.5	169.2	174.4	185.5
HCG130M	149.6	158.2	159.1	$S	$S	$S	165.8	$S	$S	167.0	161.9	$S	170.8
HCG110M	151.1	181.2	173.5	179.0	180.4	185.7	185.4	188.0	184.1	182.4	184.4	190.2	200.7
HCG149M	166.1	191.5	206.4	201.2	$S	$S	200.4	191.2	192.5	179.5	$S	186.7	194.1
HCG174M	159.7	166.5	173.9	183.6	169.5	163.5	159.8	176.7	169.4	180.7	175.0	181.3	189.4
HCG147M	156.5	171.4	187.4	195.5	192.2	189.7	180.2	194.1	186.2	190.5	187.2	191.8	192.2
HCG191M	143.7	149.6	156.5	162.8	161.1	155.3	159.6	167.2	162.8	173.9	163.4	172.0	172.5
HCG139M	166.0	193.0	196.7	203.7	201.0	198.6	189.0	189.1	189.4	189.5	182.6	207.6	201.8
HCG101M	154.1	182.1	187.5	188.5	185.8	180.5	171.1	181.3	177.5	176.9	176.7	179.3	188.2
HCG170M	165.1	187.9	198.6	213.5	$S	200.3	203.5	207.2	206.6	203.9	202.1	223.5	218.9
HCG182M	157.4	165.7	177.1	$S	171.8	170.9	165.1	173.7	159.3	164.3	166.7	174.0	182.4
HCG157M	162.3	180.4	191.7	226.3	200.2	193.7	189.6	198.7	196.4	199.6	194.8	200.7	206.5
HCG114M	159.5	183.5	190.7	222.6	197.2	191.6	190.0	198.6	185.5	193.2	187.6	201.7	205.8
MEAN	153.3	172.1	178.3	187.7	183.1	181.1	178.5	186.8	181.2	183.0	180.8	187.8	191.0
STD.DEV.	9.3	13.2	20.2	20.9	17.7	18.2	18.5	18.4	18.8	17.5	19.5	19.4	19.8
N	28	30	28	27	26	28	30	29	29	30	28	27	29

APPENDIX O - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 MALES (CONT.)
DOSE: 500 MG/KG (CONT.)

TIME=	1 8	1 9	2 0	2 1	2 6	2 7	2 8	2 9	3 0
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
HCG144M	177.5	181.0	175.9	167.3	184.5	157.1	175.7	192.6	189.7
HCG185M	186.1	181.4	179.7	180.0	186.7	186.2	185.6	182.5	182.8
HCG175M	193.7	202.7	191.9	189.2	193.1	191.0	189.2	201.3	198.5
HCG094M	174.8	171.1	163.0	164.3	170.9	179.7	181.0	177.9	172.6
HCG123M	201.9	201.7	$S	185.2	204.6	205.1	204.0	206.6	202.3
HCG126M	175.2	172.2	184.4	170.6	$S	178.2	177.5	181.5	183.1
HCG108M	199.6	202.2	196.0	191.6	190.9	184.7	190.0	195.0	190.1
HCG135M	165.2	174.3	163.4	161.8	180.9	171.9	171.8	177.1	176.8
HCG161M	213.6	220.0	204.4	198.6	217.2	218.5	225.6	218.0	217.0
HCG195M	177.2	192.7	184.5	185.7	190.2	188.2	195.3	192.1	199.8
HCG079M	207.7	214.5	214.1	206.9	211.6	210.3	198.2	200.6	209.2
HCG078M	179.4	182.9	179.2	185.5	183.2	176.9	179.4	183.4	183.9
HCG072M	209.5	268.7	209.2	196.5	217.5	200.6	204.8	183.4	215.5
HCG155M	218.2	224.0	206.4	207.6	222.9	223.0	216.6	228.4	224.8
HCG091M	159.0	161.3	152.9	149.0	159.2	149.2	153.5	163.3	168.6
HCG148M	150.6	151.3	156.7	151.7	153.0	$S	150.2	155.3	154.8
HCG104M	176.1	$S	165.1	164.0	$S	172.7	172.6	177.5	173.3
HCG096M	193.8	197.8	184.7	188.5	193.6	182.7	185.9	191.7	196.8
HCG130M	166.7	167.5	159.1	160.8	152.6	162.0	157.2	159.3	158.2
HCG110M	193.1	189.8	192.0	181.4	186.0	185.7	180.3	180.1	184.3
HCG149M	185.3	177.9	187.7	190.2	$X	$X	$X	$X	$X
HCG174M	194.2	186.6	180.7	175.4	$S	183.6	176.8	183.0	182.2
HCG147M	197.6	186.6	185.9	170.2	186.5	192.1	189.4	178.3	188.3
HCG191M	176.6	167.7	167.3	172.2	154.2	167.7	167.7	176.1	174.8
HCG139M	198.0	197.0	194.3	190.9	204.4	211.5	214.4	219.0	212.1
HCG101M	197.6	191.7	219.7	182.3	177.5	177.0	175.0	180.7	180.3
HCG170M	217.6	220.0	223.3	214.7	212.7	202.9	219.0	224.2	209.6
HCG182M	177.8	178.5	175.8	171.5	168.1	168.1	176.1	173.5	171.8
HCG157M	195.8	202.3	195.2	195.8	183.7	191.1	186.2	194.2	192.9
HCG114M	209.1	198.9	196.6	192.1	196.0	192.0	203.9	206.0	191.0
MEAN	189.0	191.9	185.8	181.4	187.8	185.7	186.3	189.1	189.1
STD.DEV.	17.4	23.3	18.8	16.3	20.1	18.0	19.0	19.4	17.5
N	30	29	29	30	26	28	29	29	29

NOTE: $ - VALUE EXCLUDED
S - EXCESSIVE SPILLAGE
W - FOOD CONSUMPTION NOT MEASURED; REASON NOT RECORDED
DUE TO TECHNICIAN OVERSIGHT
X - ANIMAL DEAD

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX P - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 FEMALES (F1A)
DOSE: 0 MG/KG

TIME=	BASE LINE	1 WEEKS	2 WEEKS	3 WEEKS	4 WEEKS	5 WEEKS	6 WEEKS	7 WEEKS	8 WEEKS	9 WEEKS	10 WEEKS
HCG222F	110.6	118.5	105.1	115.7	117.9	116.5	119.4	115.8	135.2	134.8	112.4
HCG224F	133.6	138.5	137.0	141.9	144.0	139.4	154.4	137.8	144.9	130.9	125.4
HCG321F	132.9	140.8	$N	$S	137.7	138.6	130.4	138.0	133.9	136.6	131.9
HCG251F	115.6	106.8	$N	128.9	115.9	114.8	123.0	128.1	112.8	115.6	120.4
HCG274F	$N	131.5	140.7	139.2	139.8	136.1	138.5	129.6	128.2	128.5	127.5
HCG256F	$N	$N	125.9	141.5	126.2	$S	128.3	$S	135.9	124.8	117.0
HCG237F	111.3	111.2	113.7	131.6	119.1	123.3	138.3	140.2	139.5	98.4	105.9
HCG236F	109.1	114.1	115.2	120.0	118.8	114.5	117.0	127.7	131.3	125.0	117.4
HCG287F	$N	139.8	127.5	$S	$S	$S	$S	138.2	$S	$S	$S
HCG336F	109.9	117.2	$N	$S	118.1	$S	122.8	$S	$S	121.5	112.8
HCG280F	123.9	121.7	127.4	134.5	128.4	117.5	131.9	136.0	155.5	144.1	141.4
HCG322F	$N	128.1	124.4	$S	120.3	126.0	135.2	134.6	$S	140.9	127.5
HCG250F	128.3	127.7	122.5	132.2	135.0	$S	130.6	141.1	$S	$S	120.9
HCG219F	112.0	119.2	119.1	139.2	116.7	128.0	129.4	132.7	137.0	129.5	118.7
HCG235F	102.8	105.4	107.8	116.5	116.9	$S	117.1	122.2	118.9	121.0	116.4
HCG272F	121.9	127.9	125.3	127.2	129.6	145.5	131.8	140.7	144.9	138.6	128.7
HCG313F	112.3	122.7	109.1	122.6	121.4	115.9	120.1	116.0	128.2	136.5	112.3
HCG338F	116.8	123.8	126.9	142.6	134.3	125.6	136.5	137.4	144.9	131.0	120.7
HCG281F	138.0	145.7	136.3	142.4	152.3	148.7	143.9	138.9	121.0	135.0	130.8
HCG319F	$N	150.6	$N	163.2	158.6	168.3	167.4	179.3	177.6	188.2	164.9
HCG207F	119.3	109.1	105.7	124.2	126.7	121.4	117.2	126.4	126.4	121.2	118.3
HCG286F	121.4	110.5	112.9	$S	120.6	$S	114.5	138.4	106.6	132.8	$S
HCG271F	116.5	124.7	121.2	130.7	120.2	133.0	130.2	134.4	127.4	129.5	114.4
HCG261F	120.8	121.0	116.0	129.6	137.0	138.1	144.4	139.4	148.2	135.4	123.7
HCG229F	127.4	136.2	135.2	137.6	140.9	149.5	133.3	144.5	131.9	141.5	137.3
HCG218F	117.0	122.3	123.3	136.8	125.8	119.9	123.2	134.2	137.7	130.2	135.0
HCG247F	$N	152.6	147.8	156.2	153.6	143.6	144.2	170.9	173.8	142.8	132.4
HCG308F	128.6	131.3	122.9	131.4	$S	139.5	$S	152.3	150.4	125.4	132.5
HCG297F	115.0	116.4	117.9	127.3	125.6	136.5	126.1	130.8	127.1	112.3	118.5
HCG267F	125.9	133.9	129.9	138.9	132.0	135.7	128.2	137.4	142.0	131.5	119.3
MEAN	119.6	125.8	123.0	134.1	129.8	132.3	131.3	137.3	137.0	131.6	124.4
STD.DEV.	8.9	12.7	10.9	11.1	12.1	13.5	12.0	13.3	16.1	14.9	11.7
N	24	29	26	25	28	24	28	28	26	28	28

APPENDIX P - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 FEMALES (F1A) (CONT.)
DOSE: 50 MG/KG

TIME=	BASE LINE	1 WEEKS	2 WEEKS	3 WEEKS	4 WEEKS	5 WEEKS	6 WEEKS	7 WEEKS	8 WEEKS	9 WEEKS	10 WEEKS
HCG340F	118.0	115.7	116.4	122.1	117.1	114.5	116.7	121.7	129.1	127.7	125.6
HCG334F	$N	$N	119.0	134.9	126.3	128.9	131.6	122.9	123.8	131.9	132.3
HCG311F	$N	113.9	$N	$S	126.2	127.5	129.1	120.9	127.7	126.4	$S
HCG282F	113.3	$N	117.4	121.3	117.3	$S	119.9	122.0	124.6	118.9	$S
HCG212F	104.1	115.8	128.7	$S	121.1	133.8	129.2	113.4	$S	112.3	120.3
HCG245F	117.9	125.4	$N	122.1	120.4	117.7	119.2	110.4	127.4	127.5	123.5
HCG326F	124.1	129.5	128.4	135.6	135.1	138.3	141.3	146.4	144.9	137.0	125.5
HCG257F	113.5	124.0	125.1	127.0	125.1	122.5	124.2	120.5	$S	116.8	116.9
HCG264F	132.7	141.5	139.5	146.4	150.6	$S	$S	$S	166.0	$S	$S
HCG233F	$N	103.6	98.6	105.4	106.7	110.9	101.5	105.6	$S	114.6	103.3
HCG278F	120.2	128.9	129.0	139.3	133.9	124.8	123.7	123.7	145.4	140.9	133.5
HCG332F	135.3	141.7	144.6	144.0	133.6	142.6	136.1	138.3	134.2	127.6	123.8
HCG327F	96.4	98.1	103.1	108.4	104.7	121.6	113.9	113.9	$S	122.4	$S
HCG241F	$N	116.3	121.1	$S	118.6	130.7	133.9	138.5	$S	136.1	133.6
HCG318F	116.6	119.1	$N	$S	137.9	$S	139.6	$S	$S	145.9	147.4
HCG231F	$N	$N	$N	123.3	115.3	$S	113.7	112.3	109.9	108.8	104.8
HCG283F	111.9	120.7	117.1	132.4	131.1	137.6	126.8	126.3	141.4	139.1	129.8
HCG244F	126.8	$N	148.6	154.0	146.4	151.7	143.4	150.0	149.9	147.2	136.5
HCG214F	113.8	110.8	107.5	130.8	128.1	130.3	126.0	133.1	138.8	120.6	124.7
HCG269F	130.4	137.4	128.6	139.2	149.9	159.5	148.6	148.3	158.4	162.7	146.6
HCG263F	116.3	112.9	121.5	131.1	121.0	131.2	134.7	119.8	133.3	$S	131.2
HCG290Y	114.2	118.7	119.5	135.1	129.0	131.4	128.2	135.7	$S	119.3	124.2
HCG301F	116.2	122.4	126.2	136.9	130.7	123.7	120.6	129.2	126.0	122.2	117.7
HCG208F	130.0	135.6	143.2	147.9	141.5	135.3	138.0	144.1	146.6	151.9	143.1
HCG233F	111.0	124.0	114.6	134.9	$S	$S	138.8	132.8	147.0	141.3	140.1
HCG232F	125.7	132.1	124.3	137.1	138.2	148.1	140.9	132.4	138.8	134.5	126.2
HCG325F	$N	$N	$N	$S	$S	$S	125.8	120.5	135.4	128.6	111.0
HCG305F	116.0	119.1	120.2	135.3	131.8	132.4	132.8	142.5	145.9	138.8	140.4
HCG234F	126.8	124.3	124.1	132.2	127.6	126.1	123.2	125.6	134.6	139.2	$S
HCG298F	130.5	142.3	145.5	168.8	$S	148.8	151.7	147.8	141.5	149.5	153.2
MEAN	119.2	123.0	124.5	133.8	128.3	132.1	129.4	128.5	137.8	131.8	128.6
STD.DEV.	9.4	11.5	12.7	13.3	11.6	11.8	11.2	12.6	12.3	13.1	12.7
N	24	25	25	25	27	24	29	28	23	28	25

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APPENDIX P - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 FEMALES (F1A) (CONT.)
DOSE: 160 MG/KG

TIME-	BASE LINE	1 WEEKS	2 WEEKS	3 WEEKS	4 WEEKS	5 WEEKS	6 WEEKS	7 WEEKS	8 WEEKS	9 WEEKS	10 WEEKS
HCG215F	116.7	$N	128.4	131.0	124.0	122.8	114.3	136.2	127.1	116.8	131.1
HCG220F	108.7	115.0	111.1	122.5	110.6	117.2	113.6	121.6	121.3	119.0	122.4
HCG316F	118.9	118.4	127.3	141.9	136.1	129.6	123.3	124.5	127.9	138.1	$S
HCG296F	104.0	107.2	106.9	122.4	113.0	113.5	105.8	120.9	106.5	116.8	122.7
HCG275F	130.6	140.0	137.2	152.2	149.3	152.4	145.7	153.0	152.6	158.1	169.1
HCG329F	107.4	101.5	104.8	108.1	110.8	109.5	104.7	114.7	115.2	105.4	112.2
HCG260F	111.3	$N	121.5	125.3	108.1	80.9	102.8	121.0	125.2	$S	$S
HCG295F	121.4	116.0	124.3	138.5	125.9	131.4	125.6	141.7	130.7	136.9	120.7
HCG240F	119.6	124.0	132.2	128.4	131.6	127.8	123.6	132.8	$S	141.5	$S
HCG291F	115.8	$N	$N	$S	123.0	$S	112.0	118.3	$S	127.8	$S
HCG335F	125.5	140.0	125.2	132.1	129.8	141.7	136.9	149.6	130.2	106.8	117.6
HCG238F	116.7	121.1	127.9	131.4	128.8	133.2	136.0	140.4	129.7	124.0	$S
HCG258F	123.5	119.1	116.5	129.5	122.6	120.7	$S	134.2	130.1	129.0	126.2
HCG330F	117.0	119.6	126.5	127.4	127.4	127.0	125.7	121.3	116.1	130.0	132.9
HCG277F	$N	118.7	124.1	$S	113.7	126.1	119.8	123.9	118.7	116.5	116.6
HCG317F	120.4	123.8	142.0	133.8	129.1	129.2	126.2	$S	$S	$S	$S
HCG221F	$N	118.2	127.9	121.1	117.1	140.7	149.4	135.1	123.6	133.5	124.3
HCG331F	122.6	117.8	130.6	137.0	140.9	148.9	138.6	140.0	139.2	138.9	139.4
HCG339F	139.1	137.0	145.8	$S	$S	140.6	147.4	154.2	$S	158.1	152.1
HCG323F	107.1	109.5	119.1	122.3	122.5	127.6	125.3	123.6	121.0	123.7	112.7
HCG307F	108.4	112.7	111.0	121.7	116.7	128.6	115.3	119.1	115.7	114.7	118.6
HCG314F	$N	134.7	127.7	119.9	130.7	127.0	115.3	121.1	115.5	113.9	120.4
HCG225F	113.4	113.8	110.8	116.9	118.5	122.5	115.8	129.2	126.7	117.7	120.2
HCG217F	$N	$N	129.0	$S	127.1	120.9	124.0	126.0	137.0	126.0	131.0
HCG263F	125.7	127.4	134.4	139.1	128.4	149.2	134.6	125.0	133.8	124.6	137.8
HCG254F	108.1	111.1	122.0	131.4	121.7	137.0	128.6	136.9	117.7	118.0	135.3
HCG242F	107.6	108.2	114.7	118.7	116.6	$S	108.9	120.3	113.3	114.5	118.7
HCG304F	$N	$N	$N	$S	$S	$S	114.8	$S	109.3	$S	$S
HCG276F	131.2	131.2	143.9	165.2	159.9	159.0	167.0	170.4	158.1	169.4	162.3
HCG302F	116.2	123.7	125.1	131.2	124.4	127.8	118.6	124.1	124.6	125.5	120.7
MEAN	117.5	120.4	124.9	130.0	125.3	129.4	124.8	131.4	125.6	127.6	128.9
STD.DEV.	8.8	10.2	10.6	11.8	11.5	15.3	14.9	13.2	12.0	15.5	15.0
N	25	25	28	25	28	27	29	28	26	27	23

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APPENDIX P - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 FEMALES (F1A) (CONT.)
DOSE: 500 MG/KG

TIME=	BASE LINE WEEKS	1 WEEKS	2 WEEKS	3 WEEKS	4 WEEKS	5 WEEKS	6 WEEKS	7 WEEKS	8 WEEKS	9 WEEKS	10 WEEKS
HCG248F	128.8	127.3	121.9	127.2	125.3	114.8	123.2	126.2	115.7	126.8	105.5
HCG294F	117.9	117.1	129.9	141.3	141.6	139.0	134.3	146.4	$S	128.8	148.7
HCG262F	112.9	117.7	133.2	142.1	131.0	122.0	130.9	134.6	124.0	123.9	131.8
HCG309F	108.5	108.4	117.6	$S	122.4	$S	125.6	127.6	130.3	130.9	115.7
HCG252F	137.7	$N	149.5	156.8	143.4	155.1	156.5	163.7	156.6	166.7	165.5
HCG255F	134.9	133.5	$N	$S	$S	127.6	135.1	129.8	133.7	$S	124.2
HCG337F	147.1	144.7	145.0	168.5	159.1	170.0	160.4	165.4	174.0	159.7	151.3
HCG288F	121.8	114.1	$N	$S	123.5	132.1	137.7	134.3	132.7	142.2	151.4
HCG270F	118.8	123.0	$N	126.6	125.1	126.3	121.5	131.4	127.7	129.3	135.4
HCG211F	107.2	106.4	116.3	122.9	109.6	116.5	117.4	126.9	114.7	114.6	124.6
HCG300F	113.4	117.2	120.9	$S	125.4	124.1	122.0	126.7	129.7	137.0	123.7
HCG320F	134.4	$N	$N	$S	$S	137.3	144.1	139.8	132.6	147.9	$S
HCG266F	118.4	125.6	130.0	138.2	132.5	140.5	131.7	139.8	139.2	132.5	133.9
HCG213F	$N	$N	127.9	$S	128.5	125.4	127.9	132.4	122.3	125.9	127.4
HCG210F	119.2	118.1	135.9	133.7	120.4	134.0	141.5	125.7	134.3	139.2	134.2
HCG306F	138.1	128.4	145.4	159.9	157.3	141.9	158.5	161.8	171.1	153.0	$S
HCG299F	110.4	111.3	116.2	$S	124.3	125.7	117.9	131.7	124.5	110.7	105.5
HCG268F	128.7	$N	$N	141.2	$S	135.8	140.6	142.2	138.2	136.2	$S
HCG226F	123.7	120.9	118.3	126.0	128.3	123.8	131.5	$S	131.5	$S	125.3
HCG312F	$N	133.0	$N	155.3	145.4	135.7	140.5	143.6	134.2	139.8	$S
HCG253F	114.8	113.6	$N	$S	120.1	$S	$S	123.3	119.7	115.9	124.6
HCG284F	114.0	110.6	$N	132.8	$S	$S	146.3	152.9	154.8	133.4	$S
HCG227F	117.3	117.1	113.7	121.1	126.3	120.0	125.8	128.0	128.8	124.8	129.7
HCG293F	122.0	117.6	124.6	$S	121.0	131.7	117.6	121.7	121.4	131.8	118.3
HCG259F	122.3	125.3	$N	150.2	123.3	123.2	$S	$S	120.1	127.9	$S
HCG230F	120.1	126.5	$N	132.6	125.8	137.3	126.9	136.2	120.8	139.8	$S
HCG315F	142.1	$N	$N	201.2	$S	148.6	147.0	$S	144.0	145.2	137.8
HCG273F	127.6	134.3	144.2	129.5	142.7	145.8	141.5	142.1	138.7	148.9	122.9
HCG209F	113.4	119.1	$N	106.8	122.1	122.3	124.6	112.0	118.9	120.2	115.1
HCG292F	$N	128.6	132.6	138.3	135.9	130.6	136.3	142.7	138.0	157.0	126.9
MEAN	122.8	121.6	129.1	140.6	130.4	132.9	134.5	136.6	133.5	135.4	129.5
STD.DEV.	10.6	9.2	11.4	20.2	11.9	12.3	12.2	13.1	14.9	13.8	14.5
N	27	25	18	21	25	27	28	27	29	28	23

NOTE: $ - VALUE EXCLUDED
S - EXCESSIVE SPILLAGE
N - FOOD CONSUMPTION NOT MEASURED; REASON NOT RECORDED DUE TO TECHNICIAN OVERSIGHT
X - ANIMAL DEAD

APPENDIX Q - INDIVIDUAL GESTATION FOOD CONSUMPTION - P1/F1A
(GRAMS)

P.I.N. NUMBER	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
GROUP 1 - 0 MG/KG					
HCG222	157	83	85	110	106
HCG224	161	102	102	114	107
HCG321	160	85	83	123	117
HCG251	171	95	106	131	124
HCG274	154	82	88	118	124
HCG256	161	89	93	112	117
HCG237	178	98	93	113	107
HCG236	153	85	83	119	100
HCG287	151	69	76	105	108
HCG336	166	93	91	115	110
HCG280	177	95	97	130	116
HCG322	174	103	98	126	NM
HCG250a					
HCG219	163	89	80	114	110
HCG235b					
HCG272	132	80	88	119	119
HCG313	142	82	75	110	106
HCG338	143	74	75	116	102
HCG281	147	93	94	131	128
HCG319a					
HCG207	143	80	86	100	110
HCG286	174	93	84	115	131
HCG271	142	78	79	116	121
HCG261	189	106	121	146	138
HCG229b					
HCG218	156	86	83	110	115
HCG247	173	101	94	189	107
HCG308b					
HCG297	146	77	84	106	104
HCG267b					

NOTES: a = No Confirmed Date Of Mating
b = Animal Did Not Deliver
NM = Not Measured Due To Excessive Spillage

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APPENDIX Q - INDIVIDUAL GESTATION FOOD CONSUMPTION - P1/F1A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
GROUP 2 - 50 MG/KG					
HCG340	140	73	74	93	97
HCG334	147	82	79	97	112
HCG311	NM	75	77	100	120
HCG282	142	74	87	111	115
HCG212	137	72	72	105	94
HCG245	156	77	91	109	124
HCG326b					
HCG257b					
HCG264	179	88	99	125	140
HCG333	152	83	83	106	114
HCG278	115	68	78	110	118
HCG332	150	77	81	107	101
HCG327	177	77	77	96	88
HCG241	165	86	89	106	102
HCG318	154	90	89	121	130
HCG231	137	73	75	92	99
HCG283b					
HCG244	152	84	86	85	116
HCG214	120	80	84	107	115
HCG269	173	91	108	127	144
HCG243b					
HCG290	158	79	88	108	104
HCG301	130	69	71	99	99
HCG208	161	84	84	107	116
HCG233b					
HCG232	143	78	85	109	103
HCG325	163	79	84	107	112
HCG305	173	94	94	118	131
HCG234	153	84	87	117	124
HCG298	174	97	100	104	121

NOTES: a = No Confirmed Date Of Mating
b = Animal Did Not Deliver
NM = Not Measured Due To Excessive Spillage

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APPENDIX Q - INDIVIDUAL GESTATION FOOD CONSUMPTION - P1/F1A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
GROUP 3 - 160 MG/KG					
HCG215a					
HCG220	141	75	72	100	111
HCG316	169	100	103	127	132
HCG296	131	71	73	97	105
HCG275b					
HCG329	139	68	77	102	105
HCG260	148	88	87	119	114
HCG295	155	88	90	106	92
HCG240	174	87	89	117	114
HCG291	167	86	85	117	124
HCG335	148	84	81	113	104
HCG238b					
HCG258	159	83	94	120	137
HCG330b					
HCG277	148	72	72	95	97
HCG317	201	104	112	142	126
HCG221	160	93	89	115	113
HCG331	156	87	89	122	116
HCG339	177	92	92	125	119
HCG323b					
HCG307	148	76	78	113	119
HCG314b					
HCG225	140	66	76	96	102
HCG217b					
HCG263	108	96	88	125	112
HCG254	159	82	83	116	98
HCG242	145	68	73	97	102
HCG304	137	73	80	103	119
HCG276b					
HCG302	142	74	81	95	109

NOTES: a = No Confirmed Date Of Mating
b = Animal Did Not Deliver
NM = Not Measured Due To Excessive Spillage

APPENDIX Q - INDIVIDUAL GESTATION FOOD CONSUMPTION - P1/F1A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
GROUP 4 - 500 MG/KG					
HCG248	141	81	83	100	90
HCG294	159	79	83	106	107
HCG262a					
HCG309	143	74	77	103	99
HCG252	169	104	92	130	133
HCG255	149	75	76	101	106
HCG337a					
HCG288	161	85	89	117	102
HCG270	151	92	85	107	111
HCG211					
HCG300	140	74	70	96	88
HCG320	153	81	81	115	114
HCG266	151	83	84	117	120
HCG213b					
HCG210	171	91	91	107	NM
HCG306	161	81	86	113	107
HCG299	135	70	62	97	93
HCG268b					
HCG226	150	71	77	108	106
HCG312	147	82	78	100	96
HCG253	150	79	76	102	1[illegible]0
HCG284a					
HCG227	160	67	76	113	111
HCG293	159	81	90	106	106
HCG259	136	71	72	100	97
HCG230	158	77	86	98	105
HCG315	156	87	80	96	86
HCG273	150	84	79	111	90
HCG209b					
HCG292	152	80	76	119	106

NOTES: a = No Confirmed Date Of Mating
b = Animal Did Not Deliver
NM = Not Measured Due To Excessive Spillage

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APPENDIX R - INDIVIDUAL LACTATION FOOD CONSUMPTION - P1/F1A
(GRAMS)

P.I.N. NUMBER	DAY 1-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
GROUP 1 - 0 MG/KG					
HCG222	89	135	163	260	556
HCG224	92	121	144	244	549
HCG321	98	120	147	232	508
HCG251	97	94	182	276	520
HCG274	114	144	181	184	587
HCG256	92	111	151	253	564
HCG237	119	137	169	276	581
HCG236a					
HCG287	102	147	165	264	559
HCG336	106	131	162	263	508
HCG280	106	144	165	283	618
HCG322	124	158	190	289	629
HCG250	69	112	154	237	541
HCG219	113	118	152	209	466
HCG235a					
HCG272	88	109	139	215	419
HCG313	73	102	118	187	422
HCG338	92	108	148	212	466
HCG281	92	109	146	234	527
HCG319a					
HCG207	138	179	199	290	658
HCG286	90	120	166	218	507
HCG271	118	136	168	267	575
HCG261	107	133	168	280	609
HCG229a					
HCG218	133	141	167	286	557
HCG247	112	124	168	282	583
HCG308a					
HCG297	85	119	153	247	513
HCG267a					

NOTES: a = Animal Did Not Deliver
b = No Pups Remain In Litter
NM = Not Measured Due To Excessive Spillage

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APPENDIX R - INDIVIDUAL LACTATION FOOD CONSUMPTION - P1/F1A
(GRAMS)

P.I.N. NUMBER	DAY 1-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
GROUP 2 - 50 MG/KG					
HCG340	102	113	153	246	443
HCG334	125	128	159	256	503
HCG311	101	142	163	292	546
HCG282	110	141	183	292	611
HCG212	106	142	170	258	513
HCG245	117	126	163	257	314
HCG326a					
HCG257a					
HCG264	120	165	192	282	589
HCG333	110	132	161	257	483
HCG278	132	159	198	302	608
HCG332	100	130	179	281	528
HCG327	87	121	157	227	517
HCG241	109	113	162	286	847
HCG318	73	74	109	187	645
HCG231	80	114	129	208	472
HCG283a					
HCG244	132	170	188	276	609
HCG214	131	160	182	287	300
HCG269	112	154	186	256	513
HCG243a					
HCG290	119	137	166	263	518
HCG301	95	125	156	298	496
HCG208	101	123	175	269	549
HCG233a					
HCG232	63	102	150	252	520
HCG325	111	114	168	277	533
HCG305	106	148	182	267	532
HCG234	96	135	166	256	523
HCG298	82	119	140	221	465

NOTES: a = Animal Did Not Deliver
b = No Pups Remain In Litter
NM = Not Measured Due To Excessive Spillage

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APPENDIX R - INDIVIDUAL LACTATION FOOD CONSUMPTION - P1/F1A
(GRAMS)

P.I.N. NUMBER	DAY 1-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
GROUP 3 - 160 MG/KG					
HCG215	106	155	186	255	610
HCG220	107	126	159	244	516
HCG316	84	114	165	273	529
HCG296	121	145	184	258	511
HCG275a					
HCG329	103	115	172	278	526
HCG260	126	68	175	277	599
HCG295	91	113	164	237	521
HCG240	129	159	189	288	564
HCG291	99	133	164	246	497
HCG335	80	109	145	233	516
HCG238a					
HCG258	90	80	115	178	355
HCG330a					
HCG277	137	139	171	269	570
HCG317	132	144	178	301	644
HCG221	68	126	144	246	476
HCG331	111	143	185	280	571
HCG339	97	118	140	251	544
HCG323a					
HCG307	65	87	92	149	330
HCG314a					
HCG225	129	136	179	270	532
HCG217a					
HCG263	97	141	165	269	597
HCG254	75	113	126	213	467
HCG242	129	118	168	260	450
HCG304	113	151	94	217	545
HCG276a					
HCG302	118	136	174	263	504

NOTES: a = Animal Did Not Deliver
b = No Pups Remain In Litter
NM = Not Measured Due To Excessive Spillage

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APPENDIX R - INDIVIDUAL LACTATION FOOD CONSUMPTION - P1/F1A
(GRAMS)

P.I.N. NUMBER	DAY 1-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
GROUP 4 - 500 MG/KG					
HCG248	85	132	168	265	393
HCG294	74	93	143	175	341
HCG262a					
HCG309b					
HCG252	125	152	182	299	435
HCG255	70	85	125	183	302
HCG337a					
HCG288b					
HCG270	117	99	136	185	268
HCG211	75	127	129	180	346
HCG300	87	96	143	209	372
HCG320	76	110	134	114	433
HCG266	56	81	88	138	209
HCG213a					
HCG210	93	116	154	229	477
HCG306	58	102	109	178	248
HCG299b					
HCG268a					
HCG226	66	58	115	138	212
HCG312	57	82	81	122	286
HCG253b					
HCG284a					
HCG227	105	140	167	247	449
HCG293	83	115	164	250	424
HCG259	90	106	146	227	337
HCG230b					
HCG315	98	105	148	222	336
HCG273	58	70	99	182	394
HCG209a					
HCG292	69	104	135	198	308

NOTES: a = Animal Did Not Deliver
b = No Pups Remain In Litter
NM = Not Measured Due To Excessive Spillage

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH N-METHYLPYRROLIDONE

MRD-89-365: 236535

BOOK 2 of 3 (pages 501 - 1013)

APPENDIX S - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 FEMALES (F1B)
DOSE: 0 MG/KG

TIME=	2 0 WEEKS	2 1 WEEKS
HCG222F	135.6	146.4
HCG224F	234.7	162.6
HCG321F	179.3	163.6
HCG251F	127.7	133.7
HCG274F	162.1	155.8
HCG256F	170.7	159.5
HCG237F	141.0	127.1
HCG236F	$X	$X
HCG287F	154.8	144.4
HCG336F	149.8	141.0
HCG280F	175.8	159.3
HCG322F	164.2	164.9
HCG250F	168.1	155.0
HCG219F	151.3	141.8
HCG235F	$X	$X
HCG272F	140.7	147.5
HCG313F	145.0	129.0
HCG338F	157.1	156.6
HCG281F	180.2	168.6
HCG319F	$X	$X
HCG207F	135.8	137.4
HCG286F	159.4	140.3
HCG271F	164.3	155.9
HCG261F	166.6	170.6
HCG229F	$X	$X
HCG218F	155.3	145.2
HCG247F	207.5	191.6
HCG308F	$X	$X
HCG297F	143.2	143.1
HCG267F	$X	$X
MEAN	161.3	151.7
STD.DEV.	23.6	14.8
N	24	24

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APPENDIX S - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 FEMALES (F1B) (CONT.)
DOSE: 50 MG/KG

TIME=	2 0	2 1
	W E E K S	W E E K S
HCG340F	155.1	137.2
HCG334F	159.3	140.7
HCG311F	138.5	143.0
HCG282F	144.8	133.1
HCG212F	148.7	143.7
HCG245F	133.3	129.2
HCG326F	$X	$X
HCG257F	$X	$X
HCG264F	154.7	163.1
HCG333F	131.1	117.7
HCG278F	154.8	136.6
HCG332F	175.3	165.5
HCG327F	135.4	123.5
HCG241F	163.6	157.2
HCG318F	180.7	171.4
HCG231F	124.9	124.9
HCG283F	$X	$X
HCG244F	173.0	151.4
HCG214F	136.3	121.5
HCG269F	179.9	171.9
HCG243F	$X	$X
HCG290F	155.7	139.3
HCG301F	141.2	130.0
HCG208F	182.5	161.0
HCG233F	$X	$X
HCG232F	199.4	179.1
HCG325F	129.3	127.9
HCG305F	148.1	146.2
HCG234F	176.2	166.6
HCG298F	204.4	200.1
MEAN	157.0	147.3
STD.DEV.	22.0	20.8
N	25	25

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APPENDIX S - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 FEMALES (F1B) (CONT.)
DOSE: 160 MG/KG

TIME=	2 0	2 1
	WEEKS	WEEKS
HCG215F	142.2	135.0
HCG220F	204.7	133.9
HCG316F	150.2	147.8
HCG296F	131.8	144.0
HCG275F	$X	$X
HCG329F	134.7	125.8
HCG260F	157.0	151.1
HCG295F	155.9	142.9
HCG240F	160.2	154.5
HCG291F	127.9	125.2
HCG335F	155.0	161.0
HCG238F	$X	$X
HCG258F	145.9	147.4
HCG330F	$X	$X
HCG277F	115.5	122.4
HCG317F	$S	147.3
HCG221F	145.0	155.0
HCG331F	191.6	171.2
HCG339F	174.7	170.7
HCG323F	$X	$X
HCG307F	128.3	130.8
HCG314F	$X	$X
HCG225F	131.8	118.1
HCG217F	$X	$X
HCG263F	166.6	154.7
HCG254F	145.2	143.9
HCG242F	143.2	131.3
HCG304F	128.6	130.4
HCG276F	$X	$X
HCG302F	155.1	140.6
MEAN	149.6	142.8
STD.DEV.	21.3	14.6
N	22	23

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APPENDIX S - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P1 FEMALES (F1B) (CONT.)
DOSE: 500 MG/KG

TIME=	2 0	2 1
	W E E K S	W E E K S
HCG248F	171.3	143.8
HCG294F	174.3	158.9
HCG262F	$X	$X
HCG309F	152.2	146.9
HCG252F	187.4	174.4
HCG255F	155.5	145.5
HCG337F	$X	$X
HCG288F	168.5	164.0
HCG270F	149.0	147.8
HCG211F	129.8	124.6
HCG305F	153.2	145.4
HCG320F	193.8	172.9
HCG266F	178.9	160.8
HCG213F	$X	$X
HCG210F	142.2	148.1
HCG306F	212.1	207.4
HCG299F	132.2	130.7
HCG268F	$X	$X
HCG226F	166.9	166.8
HCG314F	163.2	162.2
HCG253F	124.5	130.0
HCG284F	$X	$X
HCG227F	$T	130.3
HCG293F	152.7	137.7
HCG259F	151.7	131.9
HCG230F	142.3	133.7
HCG315F	190.3	164.7
HCG273F	175.0	165.1
HCG269F	$X	$X
HCG292F	159.1	146.5
MEAN	162.0	150.9
STD.DEV.	21.8	18.7
N	23	24

NOTE: $ - VALUE EXCLUDED
S - EXCESSIVE SPILLAGE
T - ANIMAL NOT SCHEDULED FOR FOOD CONSUMPTION MEASUREMENT
X - ANIMAL DEAD

APPENDIX T - INDIVIDUAL GESTATION FOOD CONSUMPTION - P1/F1B
(GRAMS)

P.I.N. NUMBER	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
GROUP 1 - 0 MG/KG					
HCG222	159	83	76	111	101
HCG224b,c					
HCG321b					
HCG251	182	97	83	117	126
HCG274	181	91	86	118	120
HCG256	179	108	89	110	119
HCG237b					
HCG235a					
HCG287c					
HCG336	163	88	90	129	115
HCG280b					
HCG322	174	94	84	117	116
HCG250c					
HCG219	161	81	83	107	92
HCG235c					
HCG272c					
HCG313c					
HCG338	155	79	71	98	95
HCG281b,c					
HCG319a					
HCG207c					
HCG286	163	79	80	111	108
HCG271	135	74	76	109	105
HCG261b,c					
HCG229a					
HCG218	159	89	88	112	103
HCG247	192	102	93	123	104
HCG308a					
HCG297	149	75	69	109	106
HCG267a					

NOTES: a = Animal Dead, Not Mated
b = No Confirmed Date Of Mating
c = Animal Did Not Deliver
d = Animal Euthanized During Gestation As Per Study Director's Request
NM = Food Consumption Not Measured Due To Excessive Spillage

APPENDIX T - INDIVIDUAL GESTATION FOOD CONSUMPTION - P1/F1B CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
GROUP 2 - 50 MG/KG					
HCG340	157	83	83	95	100
HCG334	159	92	85	98	110
HCG311	153	78	76	109	111
HCG282c					
HCG212	149	74	79	113	102
HCG245	159	88	86	112	103
HCG326a					
HCG257a					
HCG264	189	91	85	125	129
HCG333c					
HCG278	MM	MM	76	95	114
HCG332	156	79	80	109	110
HCG327	162	86	82	92	96
HCG241c					
HCG318c					
HCG231c					
HCG283a					
HCG244	170	100	101	135	124
HCG214	137	54	114	108	107
HCG269	189	107	101	142	135
HCG243a					
HCG290	144	84	76	113	103
HCG301	29	66	75	105	94
HCG208c					
HCG233a					
HCG232b,c					
HCG325	153	83	88	118	104
HCG305c					
HCG2?'b					
HCG298b,c					

NOTES: a = Animal Dead, Not Mated
b = No Confirmed Date Of Mating
c = Animal Did Not Deliver
d = Animal Euthanized During Gestation As Per Study Director's Request
MM = Food Consumption Not Measured Due To Excessive Spillage

APPENDIX T - INDIVIDUAL GESTATION FOOD CONSUMPTION - P1/F1B CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
GROUP 3 - 160 MG/KG					
HCG215	138	75	79	98	102
HCG220	142	77	71	91	90
HCG316	178	95	96	164	127
HCG296b					
HCG275a					
HCG329	142	71	79	101	113
HCG260	170	84	65	114	34
HCG295	107	81	80	98	101
HCG240	173	93	87	120	109
HCG291	159	88	87	126	121
HCG335b,c					
HCG238a					
HCG258	174	86	94	137	143
HCG330a					
HCG277c					
HCG317b,c					
HCG221	189	106	94	120	115
HCG331	175	97	93	121	124
HCG339b					
HCG323a					
HCG307	149	72	75	106	103
HCG314a					
HCG225c					
HCG217a					
HCG263c					
HCG254	167	88	85	115	87
HCG242c					
HCG304	143	77	77	102	107
HCG276a					
HCG302	146	79	77	105	101

NOTES: a = Animal Dead, Not Mated
b = No Confirmed Date Of Mating
c = Animal Did Not Deliver
d = Animal Euthanized During Gestation As Per Study Director's Request
NM = Food Consumption Not Measured Due To Excessive Spillage

APPENDIX T - INDIVIDUAL GESTATION FOOD CONSUMPTION - P1/F1B CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
GROUP 4 - 500 MG/KG					
HCG248	NM	NM	82	99	100
HCG294c					
HCG262a					
HCG309c					
HCG252	167	89	87	120	116
HCG255	170	79	90	112	111
HCG337a					
HCG288	158	85	85	93	108
HCG270b					
HCG211	147	78	72	105	106
HCG300	145	76	76	103	110
HCG320	152	85	85	119	119
HCG266	173	89	84	103	115
HCG213a					
HCG210	156	85	80	106	104
HCG306c					
HCG299	134	82	75	102	94
HCG268a					
HCG226	139	74	73	96	97
HCG312c					
HCG253b,c					
HCG284a					
HCG227	171	84	79	118	115
HCG293	164	91	91	112	115
HCG259c					
HCG230c					
HCG315	160	90	86	106	90
HCG273	158	85	80	114	115
HCG209a					
HCG292b,c					

NOTES: a = Animal Dead, Not Mated
b = No Confirmed Date Of Mating
c = Animal Did Not Deliver
d = Animal Euthanized During Gestation As Per Study Director's Request
NM = Food Consumption Not Measured Due To Excessive Spillage

APPENDIX U - INDIVIDUAL LACTATION FOOD CONSUMPTION - P1/F1B
(GRAMS)

P.I.N. NUMBER	DAY 1-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
GROUP 1 - 0 MG/KG					
HCG222	111	145	182	271	588
HCG224b					
HCG321	102	131	158	237	509
HCG251	87	102	149	248	532
HCG274	111	139	161	257	525
HCG256	74	80	100	149	540
HCG237	115	140	182	257	537
HCG236a					
HCG287b					
HCG336	94	130	154	241	459
HCG280	68	79	106	147	321
HCG322	122	156	177	288	580
HCG250b					
HCG219	NM	162	198	286	606
HCG235b					
HCG272a					
HCG313b					
HCG338	93	120	149	227	472
HCG281b					
HCG319a					
HCG207b					
HCG286	109	143	154	246	503
HCG271	97	148	161	262	506
HCG261b					
HCG229a					
HCG218	129	157	182	258	388
HCG247	89	127	151	249	581
HCG308a					
HCG297	106	133	160	252	522
HCG267a					

NOTES: NM = Food Consumption Not Measured Due To Excessive Spillage
a = Animal Dead, Not Mated
b = Animal Did Not Deliver
c = No Pups Remain In Litter

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APPENDIX U - INDIVIDUAL LACTATION FOOD CONSUMPTION - P1/F1B CONT.
(GRAMS)

P.I.N. NUMBER	DAY 1-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
GROUP 2 - 50 MG/KG					
HCG340	93	109	144	225	478
HCG334	114	126	172	247	483
HCG311	108	98	161	248	522
HCG282b					
HCG212	102	139	164	259	535
HCG245	82	113	157	235	516
HCG326a					
HCG257a					
HCG264	90	137	186	273	555
HCG333b					
HCG278	119	165	194	291	607
HCG332	101	131	162	243	569
HCG327	94	111	147	221	536
HCG241b					
HCG318b					
HCG231b					
HCG283a					
HCG244	103	131	143	236	479
HCG214	136	136	180	247	539
HCG269	105	141	192	266	553
HCG243a					
HCG290	114	161	178	296	602
HCG301	123	133	157	230	514
HCG208b					
HCG233a					
HCG232b					
HCG325	88	92	94	153	343
HCG305b					
HCG234	93	131	151	250	514
HCG298b					

NOTES: NM = Food Consumption Not Measured Due To Excessive Spillage
a = Animal Dead, Not Mated
b = Animal Did Not Deliver
c = No Pups Remain In Litter

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APPENDIX U - INDIVIDUAL LACTATION FOOD CONSUMPTION - P1/F1B CONT.
(GRAMS)

P.I.N. NUMBER	DAY 1-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
GROUP 3 - 160 MG/KG					
HCG215	122	147	178	256	561
HCG220	85	121	127	227	466
HCG316	107	137	169	246	524
HCG296	107	133	175	263	475
HCG275a					
HCG329	110	139	169	270	536
HCG260	125	116	111	134	447
HCG295	84	106	130	230	538
HCG240	108	146	163	276	517
HCG291	113	87	122	146	316
HCG335b					
HCG238a					
HCG258	105	128	151	219	448
HCG330a					
HCG277b					
HCG317b					
HCG221	107	94	140	213	442
HCG331	109	99	132	228	538
HCG339	100	141	170	274	522
HCG323a					
HCG307	124	119	179	279	583
HCG314a					
HCG225b					
HCG217a					
HCG263b					
HCG254	89	109	140	231	451
HCG242b					
HCG304	75	105	125	201	372
HCG276a					
HCG302	53	117	157	268	524

NOTES: NM = Food Consumption Not Measured Due To Excessive Spillage
a = Animal Dead, Not Mated
b = Animal Did Not Deliver
c = No Pups Remain In Litter

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APPENDIX U - INDIVIDUAL LACTATION FOOD CONSUMPTION - P1/F1B CONT.
(GRAMS)

P.I.N. NUMBER	DAY 1-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
GROUP 4 - 500 MG/KG					
HCG248	71	97	106	194	431
HCG294b					
HCG262a					
HCG309b					
HCG252	81	97	118	182	383
HCG255c					
HCG337a					
HCG288c					
HCG270	97	12[illegible]	151	230	419
HCG211	86	108	138	205	436
HCG300	87	110	139	254	479
HCG320	81	94	126	182	371
HCG266	78	100	122	190	394
HCG213a					
HCG210	80	107	156	230	440
HCG306b					
HCG299c					
HCG268a					
HCG226	83	102	149	224	465
HCG312b					
HCG253b					
HCG284a					
HCG227	101	82	88	135	210
HCG293	60	97	107	162	313
HCG259b					
HCG230b					
HCG315	0	97	134	223	460
HCG273	65	98	120	201	421
HCG209a					
HCG292b					

NOTES: NM = Food Consumption Not Measured Due To Excessive Spillage
a = Animal Dead, Not Mated
b = Animal Did Not Deliver
c = No Pups Remain In Litter

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[illegible]

APPENDIX V - INDIVIDUAL MEASURED TEST MATERIAL CONSUMPTION - P1 MALES
DOSE: 50 MG/KG

TIME=	1	3	4	5	6	7	8	9
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
HCG171M	63.2	53.6	47.6	51.1	55.7	50.4	55.1	59.7
HCG132M	68.4	52.0	45.0	48.8	52.7	47.4	54.9	56.5
HCG194M	66.3	$S	46.9	47.7	50.6	46.8	53.3	56.0
HCG081M	71.5	57.8	49.5	52.0	54.4	48.4	51.9	55.5
HCG141M	63.8	50.1	42.8	44.3	47.3	44.6	48.4	52.4
HCG190M	65.5	53.3	$S	50.1	52.6	48.3	51.9	58.6
HCG098M	61.0	49.9	43.8	46.7	49.2	46.3	51.8	55.8
HCG181M	63.0	50.7	44.4	49.8	53.9	50.9	55.6	57.5
HCG119M	67.3	55.0	47.2	48.9	52.2	48.2	51.7	54.4
HCG189M	$N	$S	$S	$S	52.0	48.7	53.4	56.0
HCG199M	66.5	60.6	46.5	$S	51.2	46.3	53.3	57.8
HCG177M	67.4	$S	$S	47.7	51.9	49.9	$S	$S
HCG122M	65.7	52.4	45.7	45.2	49.1	47.1	50.5	54.2
HCG116M	63.6	54.6	46.9	49.4	54.1	50.4	56.4	58.2
HCG188M	60.6	40.7	45.0	48.1	51.1	45.7	52.3	55.8
HCG154M	64.6	53.6	48.2	50.3	51.4	47.5	51.8	54.5
HCG164M	60.9	49.2	43.4	46.4	49.3	46.6	51.2	54.3
HCG124M	62.2	48.5	42.3	42.5	49.4	45.8	48.9	53.6
HCG087M	61.1	51.8	43.2	$S	48.6	45.5	50.2	52.8
HCG120M	62.2	50.8	46.4	49.0	53.4	50.6	55.4	56.5
HCG137M	63.0	50.3	46.4	45.9	47.4	44.4	49.2	54.7
HCG180M	63.0	51.6	45.2	47.0	48.6	44.7	51.5	56.2
HCG075M	66.2	51.8	44.1	49.6	49.0	$S	49.7	52.9
HCG152M	68.0	53.9	45.8	$S	52.8	49.0	53.4	57.3
HCG100M	67.5	76.3	47.6	50.2	53.2	49.6	53.7	60.2
HCG088M	65.0	52.1	44.7	49.1	49.5	45.5	51.1	51.3
HCG203M	61.1	52.5	43.3	47.6	48.9	46.3	49.5	54.1
HCG146M	65.1	55.8	50.2	51.1	53.9	49.5	52.2	55.0
HCG193M	62.2	51.6	44.5	$S	47.2	45.6	49.6	53.0
HCG083M	64.7	50.7	40.2	49.1	53.0	51.0	$S	61.0
RNG LOW	60.6	40.7	40.2	42.5	47.2	44.4	48.4	51.3
RNG HIGH	71.5	76.3	50.2	52.0	55.7	51.0	56.4	61.0
MEAN	64.5	53.0	45.4	48.3	51.1	47.6	52.1	55.7
STD.DEV.	2.7	5.8	2.3	2.3	2.4	2.1	2.2	2.4
N	29	27	27	25	30	29	28	29

APPENDIX V - INDIVIDUAL MEASURED TEST MATERIAL CONSUMPTION - P1 MALES (CONT.)
DOSE: 160 MG/KG

TIME=	1	3	4	5	6	7	8	9
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
HCG145M	223.3	174.7	$S	160.6	155.3	162.4	154.6	169.0
HCG179M	212.5	163.6	141.1	164.5	156.3	166.6	166.6	175.5
HCG077M	224.7	190.8	143.1	159.5	158.0	164.7	165.5	178.4
HCG165M	234.2	176.2	146.3	169.7	161.4	170.7	170.3	185.3
HCG080M	227.5	$S	141.5	161.5	155.0	163.6	152.8	166.9
HCG136M	229.1	$S	143.4	167.6	163.5	169.4	168.1	175.9
HCG125M	208.0	154.2	137.6	136.9	146.9	143.4	146.9	156.5
HCG095M	239.2	180.5	157.4	184.8	176.4	182.5	180.0	189.1
HCG176M	211.1	212.7	133.0	149.0	148.7	153.6	159.8	169.0
HCG097M	217.0	125.3	137.1	166.4	164.9	105.5	190.8	188.3
HCG202M	212.4	$S	143.0	169.9	164.3	165.9	164.2	176.3
HCG173M	232.0	174.1	143.4	165.4	163.3	167.8	167.1	185.0
HCG111M	214.3	169.4	$S	164.2	156.7	163.6	162.0	170.9
HCG150M	232.4	174.9	141.1	159.5	159.1	163.3	161.4	168.4
HCG183M	214.5	183.2	140.4	160.0	158.4	161.8	163.8	181.1
HCG138M	218.5	$S	$S	168.5	165.0	171.3	158.9	173.0
HCG106M	200.4	181.4	133.6	157.1	152.6	160.5	163.7	169.4
HCG200M	221.0	197.9	145.2	170.7	169.4	171.0	177.2	185.3
HCG102M	218.9	165.5	145.0	168.7	169.7	176.0	163.9	$S
HCG201M	206.1	154.2	129.0	150.0	150.3	158.2	156.9	166.4
HCG187M	212.1	163.2	$S	$S	162.8	170.6	$S	168.5
HCG186M	210.0	153.1	128.7	149.4	143.9	153.1	119.0	153.4
HCG113M	231.8	170.2	144.5	157.4	153.8	156.9	150.3	160.9
HCG134M	229.6	174.5	149.8	161.7	160.6	161.8	158.9	174.2
HCG204M	197.5	154.3	127.6	152.6	146.9	152.2	147.1	158.6
HCG092M	225.8	170.8	147.2	164.8	170.3	173.3	170.5	180.8
HCG090M	221.0	$S	148.0	$S	163.6	166.9	170.2	185.2
HCG163M	205.4	164.0	141.2	166.5	166.6	175.3	173.9	188.2
HCG085M	216.4	$S	$S	153.0	153.4	$S	163.1	167.6
HCG103M	219.0	169.1	138.4	163.5	170.0	169.7	166.0	176.6
RNG LOW	197.5	125.3	127.6	136.9	143.9	105.5	119.0	153.4
RNG HIGH	239.2	212.7	157.4	184.8	176.4	182.5	190.8	189.1
MEAN	218.9	170.7	141.1	161.6	159.6	162.8	162.5	174.3
STD.DEV.	10.4	17.1	6.9	9.1	8.0	13.7	12.6	9.4
N	30	24	25	28	30	29	29	29

APPENDIX V - INDIVIDUAL MEASURED TEST MATERIAL CONSUMPTION - P1 MALES (CONT.)
DOSE: 500 MG/KG

TIME=	1	3	4	5	6	7	8	9
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
HCG144M	627.7	567.9	576.6	560.7	504.4	508.0	435.3	557.6
HCG185M	640.8	551.8	515.9	515.1	492.9	542.0	502.9	568.1
HCG175M	652.9	562.3	$S	563.5	536.4	563.3	515.8	579.7
HCG094M	591.7	504.2	501.4	522.4	508.0	552.5	485.3	559.6
HCG123M	649.8	$S	513.9	528.3	519.6	539.2	489.6	551.7
HCG126M	602.4	499.0	469.8	483.6	477.4	481.4	465.9	522.5
HCG108M	663.9	564.5	543.5	542.1	503.4	543.4	486.4	562.9
HCG135M	575.5	490.0	468.3	496.9	481.9	512.1	471.3	536.1
HCG161M	656.1	553.4	525.2	543.9	520.5	551.5	492.1	558.9
HCG195M	582.9	494.6	478.8	496.3	507.0	479.7	471.4	531.7
HCG079M	605.1	512.1	500.3	509.6	484.1	494.0	469.8	522.4
HCG078M	653.5	509.2	494.7	523.3	511.7	512.3	501.3	565.5
HCG072M	585.6	510.5	485.5	497.4	374.0	507.2	474.1	525.8
HCG155M	613.1	528.6	498.0	512.0	493.8	531.8	473.9	555.3
HCG091M	601.9	490.2	470.6	468.2	456.7	454.4	435.2	484.2
HCG148M	620.6	480.1	460.9	466.3	477.8	495.8	454.1	517.9
HCG104M	557.4	457.6	433.2	458.2	456.1	472.5	448.9	523.4
HCG096M	582.9	502.9	488.0	494.1	497.5	502.6	444.7	521.7
HCG130M	568.8	$S	$S	$S	521.5	$S	$S	569.1
HCG110M	656.8	505.1	486.4	518.9	496.9	500.3	465.6	519.1
HCG149M	622.6	519.8	$S	$S	515.6	494.3	481.2	507.8
HCG174M	586.4	502.1	448.4	461.6	447.6	498.0	451.6	545.6
HCG147M	585.3	512.2	483.1	503.6	469.9	507.2	460.9	534.4
HCG191M	597.9	512.2	489.1	497.5	498.3	522.7	483.4	584.9
HCG139M	647.4	508.6	476.8	491.5	455.4	462.4	442.4	499.2
HCG101M	651.5	521.9	491.6	499.9	463.3	497.7	465.1	525.0
HCG170M	642.5	551.9	$S	510.2	504.7	511.1	483.4	536.7
HCG182M	571.5	$S	473.9	503.1	478.9	507.5	445.9	525.9
HCG157M	621.5	608.6	514.3	526.1	500.6	525.1	498.4	570.6
HCG114M	624.6	586.8	500.0	508.6	488.7	513.3	457.3	537.8
RNG LOW	557.4	457.6	433.2	458.2	374.0	454.4	435.2	484.2
RNG HIGH	663.9	608.6	576.6	563.5	536.4	563.3	515.8	584.9
MEAN	614.7	522.5	491.9	507.2	488.2	509.8	470.8	540.0
STD.DEV.	31.6	34.7	29.3	26.7	31.0	26.7	21.2	24.6
N	30	27	26	28	30	29	29	30

NOTE: $ - VALUE EXCLUDED
S - EXCESSIVE SPILLAGE
N - FOOD CONSUMPTION NOT MEASURED, REASON NOT RECORDED DUE TO TECHNICIAN OVERSIGHT; TEST MATERIAL CONSUMPTION COULD NOT BE CALCULATED
X - ANIMAL DEAD

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APPENDIX W - INDIVIDUAL MEASURED TEST MATERIAL CONSUMPTION - P1 FEMALES
DOSE: 50 MG/KG

TIME=	1	3	4	5	6	7	8	9
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
HCG340F	54.2	47.6	40.8	45.5	44.9	48.3	54.3	49.8
HCG334F	$N	48.1	39.8	45.1	43.2	41.8	45.9	45.0
HCG311F	56.0	$S	44.6	50.6	47.6	45.9	52.8	48.5
HCG282F	$N	51.5	44.4	$S	47.5	50.6	54.9	48.3
HCG212F	56.4	$S	42.5	52.4	47.0	43.1	$S	43.8
HCG245F	58.3	47.8	42.4	46.5	45.1	44.2	55.2	50.2
HCG326F	59.2	51.1	44.7	50.4	48.8	52.2	55.0	47.9
HCG257F	58.2	46.6	40.6	44.4	42.9	43.0	$S	41.9
HCG264F	62.7	50.7	46.5	$S	$S	$S	59.2	$S
HCG333F	54.9	44.9	40.5	46.6	40.4	44.3	$S	46.9
HCG278F	63.5	54.4	45.7	47.6	45.9	48.2	59.1	51.8
HCG332F	61.5	50.5	41.9	49.3	44.0	46.7	48.5	43.1
HCG327F	54.8	51.0	44.0	57.3	50.1	51.8	$S	55.2
HCG241F	55.2	$S	39.7	50.0	48.4	50.2	$S	48.1
HCG318F	59.0	$S	46.2	$S	48.5	$S	$S	50.2
HCG231F	$N	50.6	42.2	$S	46.0	46.2	49.2	45.4
HCG283F	58.3	52.6	46.7	54.0	46.5	48.5	58.5	52.4
HCG244F	$N	53.7	44.9	51.6	45.9	49.3	53.0	48.4
HCG214F	53.3	51.3	43.4	48.8	44.8	49.2	55.1	44.8
HCG269F	62.3	50.1	47.2	54.4	47.8	50.3	58.0	53.9
HCG243F	56.8	55.0	45.0	55.4	53.8	49.2	59.6	$S
HCG290F	57.4	55.0	46.0	52.5	48.9	53.3	$S	46.5
HCG301F	58.6	50.8	42.4	46.1	42.9	47.9	50.7	45.7
HCG208F	59.3	51.0	42.9	45.9	44.8	48.3	52.8	49.8
HCG233F	61.5	56.0	$S	$S	51.7	50.8	60.6	53.4
HCG232F	60.3	49.6	44.5	51.8	45.9	45.2	51.5	45.5
HCG325F	$N	$S	$S	$S	49.6	50.0	60.3	52.0
HCG305F	61.5	56.9	48.8	55.5	53.1	58.4	64.1	56.6
HCG234F	56.8	50.1	42.2	46.8	44.0	46.9	53.3	50.2
HCG298F	61.1	55.8	$S	47.1	45.6	45.2	46.1	45.3
RNG LOW	53.3	44.9	39.7	44.4	40.4	41.8	45.9	41.9
RNG HIGH	63.5	56.9	48.8	57.3	53.8	58.4	64.1	56.6
MEAN	58.4	51.3	43.7	49.8	46.7	48.2	54.7	48.6
STD.DEV.	2.9	3.1	2.4	3.7	3.1	3.6	4.8	3.7
N	25	25	27	24	29	28	23	28

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APPENDIX W - INDIVIDUAL MEASURED TEST MATERIAL CONSUMPTION - P1 FEMALES (CONT.)
DOSE: 160 MG/KG

TIME=	1	3	4	5	6	7	8	9
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
HCG215F	$N	153.2	131.2	146.7	135.0	164.3	149.6	152.0
HCG220F	183.0	161.9	134.9	163.3	151.7	166.4	164.3	177.0
HCG316F	175.4	168.0	142.2	150.5	140.8	147.8	151.0	177.8
HCG296F	182.1	169.7	138.6	158.4	143.0	165.8	145.2	177.3
HCG275F	193.9	166.7	147.0	165.0	152.4	160.3	154.3	176.8
HCG329F	159.9	146.4	137.1	152.8	143.1	159.9	159.5	163.4
HCG260F	$N	153.2	124.8	109.3	134.4	158.1	158.4	$S
HCG295F	185.3	177.5	146.7	173.1	162.0	186.5	169.4	197.6
HCG240F	204.4	172.0	162.0	175.7	166.3	184.6	$S	214.5
HCG291F	$N	$S	146.0	$S	150.1	168.1	$S	195.2
HCG335F	202.6	154.1	135.6	162.9	152.0	167.5	144.1	133.7
HCG238F	190.5	159.0	141.7	163.0	162.4	168.7	151.3	160.7
HCG258F	185.2	162.4	138.5	155.5	$S	166.9	156.3	170.4
HCG330F	182.2	157.1	143.7	162.8	154.7	152.6	148.5	184.3
HCG277F	183.2	$S	130.1	165.3	151.4	159.2	151.6	166.7
HCG317F	177.9	155.9	138.7	156.9	149.9	$S	$S	$S
HCG221F	193.1	153.3	137.1	180.4	178.6	162.4	151.6	181.8
HCG331F	191.8	176.2	161.2	184.8	165.0	170.6	168.0	184.1
HCG339F	212.1	$S	$S	175.5	177.7	184.1	$S	202.2
HCG323F	174.9	158.8	145.3	169.6	158.0	160.5	159.3	178.2
HCG307F	182.6	162.8	140.7	174.6	151.0	160.8	156.0	172.3
HCG314F	213.5	142.4	140.8	157.3	143.4	155.1	146.8	163.0
HCG225F	188.3	157.4	142.9	164.0	152.1	172.5	165.2	171.3
HCG217F	$N	$S	155.8	167.1	167.5	171.9	185.7	188.1
HCG263F	189.4	162.7	138.9	179.6	151.8	145.7	157.3	163.7
HCG254F	[illegible]	166.5	138.2	174.3	157.4	166.7	142.1	163.2
HCG242F	[illegible]	158.2	141.6	$S	146.8	166.6	155.8	177.5
HCG304F	[illegible]	$S	$S	$S	168.6	$S	162.2	$S
HCG276F	[illegible]	184.2	156.2	173.9	177.4	179.6	163.5	192.1
HCG302F	[illegible]	160.2	138.4	160.0	145.0	155.4	155.1	171.7
RNG LOW	159.9	142.4	124.8	109.3	134.4	145.7	142.1	133.7
RNG HIGH	213.5	184.2	162.0	184.8	178.6	186.5	185.7	214.5
MEAN	187.4	161.6	142.0	163.8	154.8	165.3	156.6	176.2
STD.DEV.	12.0	9.6	8.6	14.5	11.9	10.2	9.4	16.4
N	25	25	28	27	29	28	26	27

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APPENDIX W - INDIVIDUAL MEASURED TEST MATERIAL CONSUMPTION - P1 FEMALES (CONT.)
DOSE: 500 MG/KG

TIME=	1	3	4	5	6	7	8	9
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
HCG248F	517.0	438.9	410.2	450.7	426.4	438.8	406.7	489.5
HCG294F	505.2	506.3	468.4	545.5	457.1	499.1	$S	481.4
HCG262F	518.3	515.9	441.2	497.1	464.1	469.3	431.3	477.5
HCG309F	547.8	$S	479.0	$S	512.2	523.2	539.3	583.8
HCG252F	$N	475.0	405.8	527.5	454.7	470.0	451.3	522.8
HCG255F	564.4	$S	$S	526.0	490.7	462.8	484.6	$S
HCG337F	553.3	523.6	453.1	561.6	454.5	464.4	476.0	473.0
HCG286F	506.8	$S	440.4	563.6	502.7	488.8	488.7	575.9
HCG270F	597.8	512.4	484.9	586.5	492.0	538.5	513.1	576.0
HCG211F	511.1	497.6	416.1	532.5	471.6	507.6	458.1	510.0
HCG300F	539.4	$S	457.4	540.2	462.3	481.2	491.5	558.7
HCG320F	$N	$S	$S	498.6	455.2	443.3	430.9	530.0
HCG266F	578.4	527.3	471.7	594.7	485.0	522.2	511.7	534.3
HCG213F	$N	$S	442.9	516.3	465.2	484.4	448.1	509.6
HCG210F	552.1	498.1	427.7	578.0	522.6	467.5	508.8	575.2
HCG306F	535.7	535.8	475.0	508.2	500.3	499.1	511.1	496.2
HCG299F	554.7	$S	501.7	598.9	487.0	544.4	509.8	502.9
HCG268F	$N	555.2	$S	597.0	535.3	536.3	529.1	574.2
HCG226F	560.6	495.9	472.0	539.2	497.0	$S	493.8	$S
HCG312F	571.4	541.4	466.4	520.5	471.0	485.8	458.6	525.0
HCG253F	549.3	$S	460.2	$S	$S	487.0	482.1	524.4
HCG284F	515.8	513.1	$S	$S	541.4	550.2	538.4	506.3
HCG227F	538.9	466.3	450.8	512.7	470.5	479.5	486.0	521.6
HCG293F	534.2	$S	459.3	591.9	458.0	483.0	488.5	576.7
HCG259F	566.1	579.3	444.4	541.7	$S	$S	462.5	541.2
HCG230F	569.2	500.1	445.2	587.9	477.0	513.8	458.6	588.6
HCG315F	$N	691.7	$S	545.5	471.3	$S	454.6	503.3
HCG273F	591.4	460.5	474.5	598.2	501.4	502.7	495.8	576.0
HCG209F	535.4	409.7	435.9	544.0	481.8	438.9	475.7	528.2
HCG292F	556.7	492.5	442.6	532.9	491.8	508.4	480.2	583.0
RNG LOW	505.2	409.7	405.8	450.7	426.4	438.8	406.7	473.0
RNG HIGH	597.8	691.7	501.7	598.9	541.4	550.2	539.3	588.6
MEAN	546.8	511.3	453.1	545.8	482.1	492.2	481.5	533.8
STD.DEV.	25.5	56.4	23.5	37.5	26.2	31.0	32.3	36.7
N	25	21	25	27	28	27	29	28

NOTE: $ - VALUE EXCLUDED
S - EXCESSIVE SPILLAGE
N - FOOD CONSUMPTION NOT MEASURED, REASON NOT RECORDED DUE TO TECHNICIAN OVERSIGHT; TEST MATERIAL CONSUMPTION COULD NOT BE CALCULATED
X - ANIMAL DEAD

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[illegible]

APPENDIX X - INDIVIDUAL REPRODUCTION DATA - P1/F1A

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Canhibilized or Unsexed Day 0	Sex Ratio Live Day 0 Male	Sex Ratio Live Day 0 Female
0	HCG222	week 1 : HCG074	Y	Y	22	11	11	100.0	0	0.0		54.5	45.5
	HCG224	week 1 : HCG084	Y	Y	23	17	17	100.0	0	0.0		82.4	17.6
	HCG321	week 1 : HCG086	Y	Y	23	14	14	100.0	0	0.0		42.9	57.1
	HCG251	week 1 : HCG192	Y	Y	22	17	17	100.0	0	0.0		41.2	58.8
	HCG274	week 1 : HCG105	Y	Y	23	17	15	88.2	2	11.8	1	40.0	60.0
	HCG256	week 1 : HCG166	N										
		week 2 : HCG093	Y	Y	23	12	11	91.7	1	8.3		54.5	45.5
	HCG237	week 1 : HCG142	Y	Y	23	14	14	100.0	0	0.0		50.0	50.0
	HCG236	week 1 : HCG127	Y	Y		0							
	HCG287	week 1 : HCG156	Y	Y	22	14	14	100.0	0	0.0		64.3	35.7
	HCG336	week 1 : HCG129	N										
		week 2 : HCG099	Y	Y	23	13	13	100.0	0	0.0		38.5	61.5
	HCG280	week 1 : HCG143	Y	Y	23	11	11	100.0	0	0.0		54.5	45.5
	HCG322	week 1 : HCG140	N										
		week 2 : HCG166	Y	Y	23	15	15	100.0	0	0.0		60.0	40.0
	HCG250 C	week 1 : HCG093	N										
		week 2 : HCG115	N										
		week 3 : HCG153	N	Y	C	15	15	100.0	0	0.0		60.0	40.0
	HCG219	week 1 : HCG153	N										
		week 2 : HCG140	Y	Y	23	6	6	100.0	0	0.0		33.3	66.7
	HCG235	week 1 : HCG115	N										
		week 2 : HCG129	Y	N									
	HCG272	week 1 : HCG073	Y	Y	23	11	11	100.0	0	0.0		9.1	90.9
	HCG313	week 1 : HCG082	Y	Y	23	7	7	100.0	0	0.0		57.1	42.9
	HCG338	week 1 : HCG169	Y	Y	23	7	7	100.0	0	0.0		42.9	57.1
	HCG281	week 1 : HCG160	Y	Y	23	15	15	100.0	0	0.0		26.7	73.3
	HCG319	week 1 : HCG099	N										
		week 2 : HCG153	N										
		week 3 : HCG115	N	N									
	HCG207	week 1 : HCG118	Y	Y	24	18	18	100.0	0	0.0		61.1	38.9
	HCG286	week 1 : HCG109	Y	Y	23	9	9	100.0	0	0.0		100.0	0.0
	HCG271	week 1 : HCG156	Y	Y	22	13	13	100.0	0	0.0		69.2	30.8
	HCG261	week 1 : HCG198	Y	Y	23	13	12	92.3	1	7.7	1	50.0	50.0
	HCG229	week 1 : HCG131	Y	N									
	HCG218	week 1 : HCG158	Y	Y	22	16	16	100.0	0	0.0		56.3	43.8
	HCG247	week 1 : HCG071	Y	Y	21	17	17	100.0	0	0.0		47.1	52.9
	HCG308	week 1 : HCG089	Y	N									
	HCG297	week 1 : HCG178	Y	Y	22	14	14	100.0	0	0.0		71.4	28.6
	HCG267	week 1 : HCG133	Y	N									

APPENDIX X - INDIVIDUAL REPRODUCTION DATA - P1/F1A

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibilized or Unsexed Day 0	Sex Ratio Live Day 0 Male	Sex Ratio Live Day 0 Female
50	HCG340	week 1 : HCG199	Y	Y	22	14	14	100.0	0	0.0		42.9	57.1
	HCG334	week 1 : HCG171	Y	Y	22	19	18	94.7	1	5.3		44.4	55.6
	HCG311	week 1 : HCG188	Y	Y	21	14	14	100.0	0	0.0		64.3	35.7
	HCG282	week 1 : HCG087	Y	Y	22	16	15	93.8	1	6.3		46.7	53.3
	HCG212	week 1 : HCG137	Y	Y	23	15	15	100.0	0	0.0		46.7	53.3
	HCG245	week 1 : HCG081	Y	Y	23	12	12	100.0	0	0.0		58.3	41.7
	HCG326	week 1 : HCG132	Y	N									
	[illegible]57	week 1 : HCG154	N										
		week 2 : HCG075	Y	N									
	[illegible]264	week 1 : HCG193	Y	Y	22	18	18	100.0	0	0.0		33.3	66.7
	HCG333	week 1 : HCG116	Y	Y	22	17	17	100.0	0	0.0		52.9	47.1
	HCG278	week 1 : HCG180	Y	Y	23	17	17	100.0	0	0.0		52.9	47.1
	HCG332	week 1 : HCG190	Y	Y	22	14	14	100.0	0	0.0		42.9	57.1
	HCG327	week 1 : HCG122	Y	Y	21	14	14	100.0	0	0.0		50.0	50.0
	HCG241	week 1 : HCG100	Y	Y	23	18	18	100.0	0	0.0		50.0	50.0
	HCG318	week 1 : HCG124	Y	Y	23	5	5	100.0	0	0.0		60.0	40.0
	HCG231	week 1 : HCG146	Y	Y	22	16	15	93.8	1	6.3		66.7	33.3
	HCG263	week 1 : HCG119	Y	N									
	HCG244	week 1 : HCG098	Y	Y	23	15	14	93.3	1	6.7		42.9	57.1
	HCG214	week 1 : HCG203	Y	Y	23	17	17	100.0	0	0.0		52.9	47.1
	HCG269	week 1 : HCG181	Y	Y	22	17	17	100.0	0	0.0		41.2	58.8
	HCG243	week 1 : HCG075	N										
		week 2 : HCG154	Y	N									
	HCG290	week 1 : HCG189	Y	Y	23	11	11	100.0	0	0.0		27.3	72.7
	HCG301	week 1 : HCG088	Y	Y	22	13	13	100.0	0	0.0		46.2	53.8
	HCG208	week 1 : HCG164	Y	Y	22	17	17	100.0	0	0.0		47.1	52.9
	HCG233	week 1 : HCG083	Y	N									
	HCG232	week 1 : HCG152	Y	Y	22	13	13	100.0	0	0.0		46.2	53.8
	HCG325	week 1 : HCG141	Y	Y	23	9	9	100.0	0	0.0		33.3	66.7
	HCG305	week 1 : HCG177	Y	Y	23	9	9	100.0	0	0.0		22.2	77.8
	HCG234	week 1 : HCG194	Y	Y	23	18	18	100.0	0	0.0		66.7	33.3
	HCG298	week 1 : HCG120	Y	Y	22	15	15	100.0	0	0.0		53.3	46.7

APPENDIX X - INDIVIDUAL REPRODUCTION DATA - P1/F1A

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibilized or Unsexed Day 0	Sex Ratio Live Day 0 Male	Sex Ratio Live Day 0 Female
160	HCG215 C	week 1 : HCG106	N										
		week 2 : HCG077	N										
		week 3 : HCG077	N	Y	C	14	11	78.6	3	21.4		45.5	54.5
	HCG220	week 1 : HCG095	Y	Y	22	15	15	100.0	0	0.0		60.0	40.0
	HCG316	week 1 : HCG183	Y	Y	22	10	10	100.0	0	0.0		40.0	60.0
	HCG296	week 1 : HCG204	Y	Y	22	16	16	100.0	0	0.0		37.5	62.5
	HCG275	week 1 : HCG176	Y	N									
	HCG329	week 1 : HCG077	N										
		week 2 : HCG106	Y	Y	22	16	15	93.8	1	6.3		40.0	60.0
	HCG260	week 1 : HCG200	Y	Y	23	13	13	100.0	0	0.0		38.5	61.5
	HCG295	week 1 : HCG163	Y	Y	21	13	12	92.3	1	7.7		33.3	66.7
	HCG240	week 1 : HCG183	Y	Y	23	14	14	100.0	0	0.0		50.0	50.0
	HCG291	week 1 : HCG201	Y	Y	22	15	14	93.3	1	6.7	1	35.7	64.3
	HCG335	week 1 : HCG187	Y	Y	23	15	12	80.0	3	20.0	1	33.3	66.7
	HCG238	week 1 : HCG150	Y	N									
	HCG258	week 1 : HCG113	Y	Y	22	4	4	100.0	0	0.0		25.0	75.0
	HCG330	week 1 : HCG136	Y	N									
	HCG277	week 1 : HCG092	Y	Y	22	15	15	100.0	0	0.0		26.7	73.3
	HCG317	week 1 : HCG097	Y	Y	23	17	17	100.0	0	0.0		47.1	52.9
	HCG221	week 1 : HCG134	Y	Y	23	16	16	100.0	0	0.0		62.5	37.5
	HCG331	week 1 : HCG145	Y	Y	22	14	14	100.0	0	0.0		35.7	64.3
	HCG339	week 1 : HCG085	Y	Y	22	13	13	100.0	0	0.0		53.8	46.2
	HCG323	week 1 : HCG103	Y	N									
	HCG307	week 1 : HCG202	Y	Y	23	4	4	100.0	0	0.0		50.0	50.0
	HCG314	week 1 : HCG102	Y	N									
	HCG225	week 1 : HCG125	Y	Y	22	17	17	100.0	0	0.0		58.8	41.2
	HCG217	week 1 : HCG179	N										
		week 2 : HCG186	Y	N									
	HCG263	week 1 : HCG090	Y	Y	22	16	16	100.0	0	0.0		56.3	43.8
	HCG254	week 1 : HCG080	Y	Y	23	8	8	100.0	0	0.0		87.5	12.5
	HCG242	week 1 : HCG138	Y	Y	22	18	18	100.0	0	0.0		33.3	66.7
	HCG304	week 1 : HCG173	Y	Y	22	14	14	100.0	0	0.0		57.1	42.9
	HCG276	week 1 : HCG186	N										
		week 2 : HCG179	Y	N									
	HCG302	week 1 : HCG165	Y	Y	24	15	12	80.0	3	20.0		16.7	83.3

APPENDIX X - INDIVIDUAL REPRODUCTION DATA - P1/F1A

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibilized or Unsexed Day 0	Sex Ratio Live Day 0 Male	Sex Ratio Live Day 0 Female
500	HCG248	week 1 : HCG114	Y	Y	23	14	14	100.0	0	0.0		50.0	50.0
	HCG294	week 1 : HCG123	Y	Y	22	10	10	100.0	0	0.0		40.0	60.0
	HCG262	week 1 : HCG161	N										
		week 2 : HCG104	N										
		week 3 : HCG144	N	N									
	HCG309	week 1 : ECG108	Y	Y	22	13	12	92.3	1	7.7		75.0	25.0
	HCG252	week 1 : HCG149	Y	Y	23	16	14	87.5	2	12.5		57.1	42.9
	HCG255	week 1 : HCG185	Y	Y	23	13	10	76.9	3	23.1		50.0	50.0
	HCG337	week 1 : HCG104	N										
		week 2 : HCG144	N										
		week 3 : HCG161	N	N									
	HCG288	week 1 : HCG135	Y	Y	23	10	0	0.0	10	100.0	4	0.0	0.0
	HCG270	week 1 : HCG130	Y	Y	23	17	17	100.0	0	0.0		52.9	47.1
	HCG211 C	week 1 : HCG139	N										
		week 2 : HCG182	N										
		week 3 : HCG079	N	Y	C	6	6	100.0	0	0.0		50.0	50.0
	HCG300	week 1 : HCG148	Y	Y	23	14	14	100.0	0	0.0		50.0	50.0
	HCG320	week 1 : HCG155	Y	Y	23	6	6	100.0	0	0.0		16.7	83.3
	HCG266	week 1 : HCG157	Y	Y	23	18	10	55.6	8	44.4		40.0	60.0
	HCG213	week 1 : HCG174	Y	N									
	HCG210	week 1 : HCG078	Y	Y	23	9	9	100.0	0	0.0		77.8	22.2
	HCG306	week 1 : HCG126	Y	Y	23	15	12	80.0	3	20.0		66.7	33.3
	HCG299	week 1 : HCG094	Y	Y	22	16	15	93.8	1	6.3		46.7	53.3
	HCG268	week 1 : HCG072	Y	N									
	HCG226	week 1 : HCG096	Y	Y	23	3	3	100.0	0	0.0		33.3	66.7
	HCG312	week 1 : HCG170	Y	Y	23	14	14	100.0	0	0.0		71.4	28.6
	HCG253	week 1 : HCG110	N										
		week 2 : HCG191	Y	Y	22	11	9	81.8	2	18.2		55.6	44.4
	HCG284	week 1 : HCG191	N										
		week 2 : HCG079	N										
		week 3 : HCG182	N	N									
	HCG227	week 1 : HCG079	N										
		week 2 : HCG161	N										
		week 3 : HCG104	Y	Y	22	17	16	94.1	1	5.9		43.8	56.3
	HCG293	week 1 : HCG101	Y	Y	22	15	15	100.0	0	0.0		33.3	66.7
	HCG259	week 1 : HCG175	Y	Y	22	15	15	100.0	0	0.0		40.0	60.0
	HCG230	week 1 : HCG182	N										
		week 2 : HCG110	Y	Y	23	10	1	10.0	9	90.0		100.0	0.0
	HCG315	week 1 : HCG195	Y	Y	22	17	16	94.1	1	5.9		75.0	25.0
	HCG273	week 1 : HCG144	N										
		week 2 : HCG139	Y	Y	21	12	12	100.0	0	0.0		75.0	25.0
	HCG209	week 1 : HCG091	Y	N									
	HCG292	week 1 : HCG147	Y	Y	22	18	18	100.0	0	0.0		72.2	27.8

KEY:

C = NO CONFIRMED DATE OF MATING
X = ANIMAL DEAD

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APPENDIX Y - INDIVIDUAL REPRODUCTION DATA - P1/F1B

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibalized or Unsexed Day 0	Sex Ratio Live Day 0 Male	Sex Ratio Live Day 0 Female
0	HCG222	week 1 : HCG127	Y	Y	23	13	13	100.0	0	0.0		61.5	38.5
	HCG224	week 1 : HCG143	N										
		week 2 : HCG086	N										
		week 3 : HCG082	N	N									
	HCG321 C	week 1 : HCG071	N										
		week 2 : HCG169	N										
		week 3 : HCG133	N	Y	C	11	11	100.0	0	0.0		54.5	45.5
	HCG251	week 1 : HCG196	Y	Y	22	19	18	94.7	1	5.3		44.4	55.6
	HCG274	week 1 : HCG115	Y	Y	23	13	13	100.0	0	0.0		23.1	76.9
	HCG256	week 1 : HCG074	Y	Y	23	5	5	100.0	0	0.0		40.0	60.0
	HCG237 C	week 1 : HCG169	N										
		week 2 : HCG133	N										
		week 3 : HCG158	N	Y	C	15	13	86.7	2	13.3		46.2	53.8
	HCG236 X												
	HCG287	week 1 : HCG105	Y	N									
	HCG336	week 1 : HCG156	Y	Y	23	12	12	100.0	0	0.0		58.3	41.7
	HCG280 C	week 1 : HCG133	N										
		week 2 : HCG082	N										
		week 3 : HCG142	N	Y	C		4	100.0	0	0.0		75.0	25.0
	HCG322	week 1 : HCG158	N										
		week 2 : HCG071	Y	Y	23	16	16	100.0	0	0.0		31.3	68.8
	HCG250	week 1 : HCG198	Y	N									
	HCG219	week 1 : HCG118	Y	Y	23	18	18	100.0	0	0.0		38.9	61.1
	HCG235 X												
	HCG272	week 1 : HCG082	N										
		week 2 : HCG142	N										
		week 3 : HCG086	Y	N									
	HCG313	week 1 : HCG153	Y	N									
	HCG338	week 1 : HCG073	Y	Y	22	15	15	100.0	0	0.0		40.0	60.0
	HCG281	week 1 : HCG142	N										
		week 2 : HCG143	N										
		week 3 : HCG169	N	N									
	HCG319 X												
	HCG207	week 1 : HCG109	Y	N									
	HCG286	week 1 : HCG089	Y	Y	23	14	14	100.0	0	0.0		64.3	35.7
	HCG271	week 1 : HCG160	Y	Y	23	9	9	100.0	0	0.0		77.8	22.2
	HCG261	week 1 : HCG096	N										
		week 2 : HCG158	N										
		week 3 : HCG143	N	N									
	HCG229 X												
	HCG218	week 1 : HCG166	Y	Y	23	13	13	100.0	0	0.0		61.5	38.5
	HCG247	week 1 : HCG084	Y	Y	23	13	10	76.9	3	23.1		50.0	50.0
	HCG308 X												
	HCG297	week 1 : HCG140	Y	Y	22	18	18	100.0	0	0.0		55.6	44.4
	HCG267 X												

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APPENDIX Y - INDIVIDUAL REPRODUCTION DATA - P1/F1B CONT.

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibalized or Unsexed Day 0	Sex Ratio Live Day 0 Male	Sex Ratio Live Day 0 Female
50	HCG340	week 1 : HCG137	Y	Y	22	16	16	100.0	0	0.0		62.5	37.5
	HCG334	week 1 : HCG188	Y	Y	22	17	17	100.0	0	0.0		29.4	70.6
	HCG311	week 1 : HCG194	Y	Y	23	16	16	100.0	0	0.0		62.5	37.5
	HCG282	week 1 : HCG119	Y	N									
	HCG212	week 1 : HCG177	Y	Y	23	15	15	100.0	0	0.0		60.0	40.0
	HCG245	week 1 : HCG120	Y	Y	22	14	14	100.0	0	0.0		57.1	42.9
	HCG326 X												
	HCG257 X												
	HCG264	week 1 : HCG152	Y	Y	22	15	14	93.3	1	6.7		57.1	42.9
	HCG333	week 1 : HCG132	Y	N									
	HCG278	week 1 : HCG122	N										
		week 2 : HCG075	Y	Y	23	17	17	100.0	0	0.0		35.3	64.7
	HCG332	week 1 : HCG164	Y	Y	22	18	18	100.0	0	0.0		55.6	44.4
	HCG327	week 1 : HCG171	Y	Y	22	12	12	100.0	0	0.0		41.7	58.3
	HCG241	week 1 : HCG124	N										
		week 2 : HCG154	Y	N									
	HCG318	week 1 : HCG181	Y	N									
	HCG231	week 1 : HCG100	Y	N									
	HCG283 X												
	HCG244	week 1 : HCG116	Y	Y	23	8	8	100.0	0	0.0		75.0	25.0
	HCG214	week 1 : HCG180	Y	Y	23	10	10	100.0	0	0.0		70.0	30.0
	HCG269	week 1 : HCG141	Y	Y	22	15	15	100.0	0	0.0		26.7	73.3
	HCG243 X												
	HCG290	week 1 : HCG081	Y	Y	23	16	16	100.0	0	0.0		62.5	37.5
	HCG301	week 1 : HCG087	N										
		week 2 : HCG124	Y	Y	23	15	15	100.0	0	0.0		53.3	46.7
	HCG208	week 1 : HCG190	Y	N									
	HCG233 X												
	HCG232	week 1 : HCG154	N										
		week 2 : HCG189	N										
		week 3 : HCG122	N	N									
	HCG325	week 1 : HCG098	Y	Y	23	5	5	100.0	0	0.0		60.0	40.0
	HCG305	week 1 : HCG199	Y	N									
	HCG234 C	week 1 : HCG075	N										
		week 2 : HCG087	N										
		week 3 : HCG189	N	Y	C	16	15	93.8	1	6.3		26.7	73.3
	HCG298	week 1 : HCG189	N										
		week 2 : HCG122	N										
		week 3 : HCG087	N	N									

APPENDIX Y - INDIVIDUAL REPRODUCTION DATA - P1/F1B CONT.

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibalized or Unsexed Day 0	Sex Ratio Live Day 0 Male	Sex Ratio Live Day 0 Female
160	HCG215	week 1 : HCG113	Y	Y	23	16	16	100.0	0	0.0		37.5	62.5
	HCG220	week 1 : HCG077	Y	Y	22	13	13	100.0	0	0.0		53.8	46.2
	HCG316	week 1 : HCG145	Y	Y	22	14	14	100.0	0	0.0		42.9	57.1
	HCG296 C	week 1 : HCG176	N										
		week 2 : HCG150	N										
		week 3 : HCG173	N	Y	C	16	16	100.0	0	0.0		68.8	31.3
	HCG275 X												
	HCG329	week 1 : HCG202	Y	Y	22	18	17	94.4	1	5.6		47.1	52.9
	HCG260	week 1 : HCG111	Y	Y	22	17	17	100.0	0	0.0		76.5	23.5
	HCG295	week 1 : HCG102	N										
		week 2 : HCG200	N										
		week 3 : HCG179	Y	Y	23	15	15	100.0	0	0.0		53.3	46.7
	HCG240	week 1 : HCG136	Y	Y	22	17	17	100.0	0	0.0		58.8	41.2
	HCG291	week 1 : HCG097	Y	Y	23	12	12	100.0	0	0.0		58.3	41.7
	HCG335	week 1 : HCG138	N										
		week 2 : HCG173	N										
		week 3 : HCG	N	N									
	HCG238 X												
	HCG258	week 1 : HCG106	Y	Y	22	9	9	100.0	0	0.0		66.7	33.3
	HCG330 X												
	HCG277	week 1 : HCG183	Y	N									
	HCG317	week 1 : HCG173	N										
		week 2 : HCG102	N										
		week 3 : HCG200	N	N									
	HCG221	week 1 : HCG080	Y	Y	23	17	16	94.1	1	5.9	1	56.3	43.8
	HCG331	week 1 : HCG187	Y	Y	23	17	17	100.0	0	0.0		52.9	47.1
	HCG339 C	week 1 : HCG179	N										
		week 2 : HCG138	N										
		week 3 : HCG102	N	Y	C	16	16	100.0	0	0.0		43.8	56.3
	HCG323 X												
	HCG307	week 1 : HCG201	Y	Y	23	15	15	100.0	0	0.0		46.7	53.3
	HCG314 X												
	HCG225	week 1 : HCG150	N										
		week 2 : HCG176	N										
		week 3 : HCG138	Y	N									
	HCG217 X												
	HCG263	week 1 : HCG200	N										
		week 2 : HCG179	N										
		week 3 : HCG176	Y	N									
	HCG254	week 1 : HCG165	Y	Y	22	13	13	100.0	0	0.0		46.2	53.8
	HCG242	week 1 : HCG145	Y	N									
	HCG304	week 1 : HCG186	Y	Y	22	6	6	100.0	0	0.0		33.3	66.7
	HCG276 X												
	HCG302	week 1 : HCG095	Y	Y	23	9	9	100.0	0	0.0		22.2	77.8

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APPENDIX Y - INDIVIDUAL REPRODUCTION DATA - P1/F1B CONT.

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibalized or Unsexed Day 0	Sex Ratio Live Day 0 Male	Sex Ratio Live Day 0 Female
500	HCG248	week 1 : HCG133	N										
		week 2 : HCG079	Y	Y	23	11	11	100.0	0	0.0		72.7	27.3
	HCG294	week 1 : HCG130	Y	N									
	HCG262 X												
	HCG309	week 1 : HCG078	Y	N									
	HCG252	week 1 : HCG108	Y	Y	22	18	18	100.0	0	0.0		38.9	61.1
	HCG255	week 1 : HCG126	Y	Y	22	18	18	100.0	0	0.0		44.4	55.6
	HCG337 X												
	HCG288	week 1 : HCG195	Y	Y	23	9	4	44.4	5	55.6		75.0	25.0
	HCG270 C	week 1 : HCG094	N										
		week 2 : HCG139	N										
		week 3 : HCG161	N	Y	C	14	14	100.0	0	0.0		42.9	57.1
	HCG211	week 1 : HCG155	Y	Y	22	13	12	92.3	1	7.7		25.0	75.0
	HCG300	week 1 : HCG185	Y	Y	23	13	13	100.0	0	0.0		61.5	38.5
	HCG320	week 1 : HCG144	Y	Y	23	5	5	100.0	0	0.0		60.0	40.0
	HCG266	week 1 : HCG147	Y	Y	23	8	8	100.0	0	0.0		25.0	75.0
	HCG213 X												
	HCG210	week 1 : HCG110	Y	Y	23	12	12	100.0	0	0.0		75.0	25.0
	HCG306	week 1 : HCG072	Y	N									
	HCG299	week 1 : HCG104	Y	Y	22	13	13	100.0	0	0.0		38.5	61.5
	HCG268 X												
	HCG226	week 1 : HCG175	Y	Y	22	16	16	100.0	0	0.0		50.0	50.0
	HCG312	week 1 : HCG148	Y	N									
	HCG253	week 1 : HCG123	N										
		week 2 : HCG161	N										
		week 3 : HCG094	N	N									
	HCG284 X												
	HCG227	week 1 : HCG191	Y	Y	22	17	17	100.0	0	0.0		41.2	58.8
	HCG293	week 1 : HCG091	Y	Y	22	18	18	100.0	0	0.0		66.7	33.3
	HCG259	week 1 : HCG174	Y	N									
	HCG230	week 1 : HCG096	Y	N									
	HCG315	week 1 : HCG135	Y	Y	23	16	16	100.0	0	0.0		43.8	56.3
	HCG273	week 1 : HCG079	N										
		week 2 : HCG094	N										
		week 3 : HCG123	Y	Y	22	13	13	100.0	0	0.0		30.8	69.2
	HCG209 X												
	HCG292	week 1 : HCG161	N										
		week 2 : HCG123	N										
		week 3 : HCG139	N	N									

KEY:

C = NO CONFIRMED DATE OF MATING
X = ANIMAL DEAD

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG222
PARTURITION: 27-DEC-89
Total Born: 11 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	5	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	5	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG222 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A [illegible]

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG224
DELIVERY IN PROGRESS: 31-DEC-89 (2 live pups present)
PARTURITION: 1-JAN-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	14	3	14	3	14	3	14	3	14	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	14	3	14	3	14	3	14	3	14	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
WITHOUT MILK (b)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 3 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG224(continued)
PARTURITION: 1-JAN-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG321
DELIVERY IN PROGRESS: 26-DEC-89 (14 live pups present)
PARTURITION: 27-DEC-89
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	8	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	7	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION: SNOUT	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG321 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG251
PARTURITION: 29-DEC-89
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	10	7	10	7	10	7	10	7	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	9	7	10	7	10	7	10	7	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION: SNOUT	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG251 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUMD DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG274
PARTURITION: 28-DEC-89
Total Born: 17 (Total Dead: 1, Total Cannibalized: 1, Total Alive: 15)

TIME:	DAY 0			DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	U	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	9		6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD (PARITIALLY CANNIBALIZED)	0	1	1 (1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	9		6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized
U = Undetermined sex

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG274 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG256
DELIVERY IN PROGRESS: 3-JAN-90 (10 live pups present, 1 male pup found dead)
PARTURITION: 4-JAN-90
Total Born: 12 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	5	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	5	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG256 (continued)
PARTURITION: 4-JAN-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG237
DELIVERY IN PROGRESS: 29-DEC-89 (12 live pups present)
PARTURITION: 30-DEC-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	7	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	6	6	7	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DARK BLUE DISCOLORATION: SCAPULAR, VENTRAL CERVICAL, THORACIC AND ABDOMINAL AREAS	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG237 (continued)
PARTURITION: 30-DEC-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG287
PARTURITION: 27-DEC-89
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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QUALITY

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

ER: MCG287(continued)
TION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
RVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

All live pups with milk unless otherwise noted
Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

UMBER: HCG336
ERY IN PROGRESS: 4-JAN-90 (12 live pups present)
RITION: 5-JAN-90
tal Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
VATION																								
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
L SURVIVORS	5	8	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
L FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSERVABLE ABNORMALITIES	5	8	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
OUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

NUMBER: HCG336 (continued)
TURITION: 5-JAN-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
AL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
THOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG280
DELIVERY IN PROGRESS: 29-DEC-89 (12 live pups present)
PARTURITION: 30-DEC-89
Total Born: 12 (Total Dead: 0, Total Missing from D.I.P (c): 1, Total Alive: 11)

TIME:	DAY 0			DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	U	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	5		6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	5		6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized
U = Undetermined sex

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NOT SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG280 (continued)
PARTURITION: 30-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITY	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG322
DELIVERY IN PROGRESS: 3-JAN-90 (15 live pups present)
PARTURITION: 4-JAN-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	6	9	6	9	6	9	6	9	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	6	9	6	9	6	9	6	9	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG322 (continued)
PARTURITION: 4-JAN-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

NOT SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG250
PARTURITION: 27-DEC-89
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	6	9	6	9	6	9	6	9	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	6	9	6	9	6	9	6	8	6	4	5	4	5	4	5	4	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: SNOUT	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG250 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

NOT SUBJECTED TO QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG219
DELIVERY IN PROGRESS: 4-JAN-90 (6 live pups present)
PARTURITION: 5-JAN-90
Total Born: 6 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 6)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	3	2	3	2	4	2	4	2	4	2	4	2	4	2	3	2	3	2	3	2	3	2	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION: LEFT HINDLEG	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: RIGHT LATERAL (DORSAL) POSTERIOR AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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CLIENT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG219 (continued)
PARTURITION: 5-JAN-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless ...rwise noted
(c) Missing, presumed cannibalized

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NOT SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG272
DELIVERY IN PROGRESS: 27-DEC-89 (1 live pup present)
PARTURITION: 28-DEC-89
Total Born: 11 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	10	1	10	1	10	1	10	1	10	1	5	1	5	1	5	1	5	1	5	1	5	1	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL EUTHANIZED (d)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	0	10	1	10	1	10	1	10	1	10	1	5	1	5	1	4	1	4	1	4	1	4	1	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: HEAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE RAISED AREA: VENTRAL ABDOMEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
RAISED WITH WHITE FOCI: UMBILICAL AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1

(a) Animals culled to 1 male and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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NOT SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG272 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAISED WITH WHITE FOCI: UMBILICAL AREA	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAISED: UMBILICAL AREA	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBMITTED TO
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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG313
DELIVERY IN PROGRESS: 29-DEC-89 (6 live pups present)
PARTURITION: 30-DEC-89
Total Born: 7 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 7)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	3	4	3	4	3	3	3	3	3	3	3	3	3	4	3	4	3	4	3	4	3	4	3
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORES: DORSAL SURFACE	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: DORSAL SURFACE	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBMITTED TO

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG313 (continued)
PARTURITION: 30-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG338
DELIVERY IN PROGRESS: 27-DEC-89 (4 live pups present)
PARTURITION: 28-DEC-89
Total Born: 7 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 7)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	3	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION: SNOUT	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION: HEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 animals
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

[redacted]

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG338 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBMITTED TO
FDA

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG281
DELIVERY IN PROGRESS: 29-DEC-89 (14 live pups present)
PARTURITION: 30-DEC-89
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	11	4	11	4	11	4	11	4	11	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	11	4	11	4	11	4	11	4	11	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG281 (continued)
PARTURITION: 30-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX 2 - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG207
PARTURITION: 30-DEC-89
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	11	7	11	7	11	7	11	7	11	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	11	7	11	7	11	7	11	7	11	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z -- INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG207 (continued)
PARTURITION: 30-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBMITTED

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG286
PARTURITION: 27-DEC-89
Total Born: 9 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 9)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG286 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG271
PARTURITION: 26-DEC-89
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	4	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	4	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG271 (continued)
PARTURITION: 26-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG261
DELIVERY IN PROGRESS: 27-DEC-89 (13 live pups present)
PARTURITION: 28-DEC-89
Total Born: 13 (Total Dead: 0, Total Missing from D.I.P (c): 1, Total Alive: 12)

TIME:	DAY 0			DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	U	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	6		6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	6		6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION: SNOUT	1	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized
U = Undetermined sex

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG261 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG218
PARTURITION: 26-DEC-89
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	7	9	7	9	7	9	7	9	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	7	9	7	9	7	9	7	9	6	5	5	5	5	5	4	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: ABOVE LEFT EYE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG218 (continued)
PARTURITION: 26-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	4	5	4	5	4	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALOPECIA: ABOVE LEFT EYE	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG247
PARTURITION: 28-DEC-89
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	9	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD (P.M.)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	8	8	7	8	7	8	7	8	8	5	5	3	5	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED MATERIAL FROM LACERATION ON SNOUT	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: SNOUT	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAISED AREA: VENTRAL ABDOMEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG247 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAISED AREA:																				
VENTRAL ABDOMEN	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBILICAL	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG297
PARTURITION: 27-DEC-89
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	4	10	4	10	4	10	4	10	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	4	10	4	10	4	10	4	10	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG297 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG340
PARTURITION: 26-DEC-89
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	8	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	8	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG340 (continued)
PARTURITION: 26-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG334
PARTURITION: 26-DEC-89
Total Born: 19 (Total Dead: 1, Total Canribalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	10	6	9	5	9	5	9	4	9	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL FOUND DEAD (P.M.)	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	7	6	9	5	9	5	[illegible]	[illegible]	9	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	[illegible]	[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DARK BLUE DISCOLORATION: -ENTIRE BODY	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-SNOUT	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-HEAD AND RIGHT HINDPAW	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-HEAD, BOTH HINDLEGS, and RIGHT HINDPAW	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYPOACTIVE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG334 (continued)
PARTURITION: 26-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG311
PARTURITION: 26-DEC-89
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 10 MG/KG/DAY

DAM NUMBER: HCG311 (continued)
PARTURITION: 26-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECT TO

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG282
PARTURITION: 28-DEC-89
Total Born: 16 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	8	9	6	9	6	9	6	9	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	8	9	6	9	6	9	6	9	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG282 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX 2 - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG212
DELIVERY IN PROGRESS: 29-DEC-89 (3 live pups present)
PARTURITION: 30-DEC-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	8	7	8	7	8	7	8	7	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	8	7	8	7	8	7	8	7	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG212 (continued)
PARTURITION: 30-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG245
DELIVERY IN PROGRESS: 27-DEC-89 (12 live pups present)
PARTURITION: 28-DEC-89
Total Born: 12 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	5	7	5	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	5	7	5	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG245 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG264
PARTURITION: 27-DEC-89
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	12	6	12	6	12	6	12	6	12	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	12	6	12	6	12	6	12	6	12	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG264 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

[illegible]
[illegible] SUBJECT
[illegible] QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG333
PARTURITION: 27-DEC-89
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	8	9	8	9	8	9	8	9	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	7	9	7	9	7	9	7	9	7	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAIL: TRUNCATED 50%	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAIL: TRUNCATED 75%	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG333 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TAIL: TRUNCATED 75%	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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QUALITY AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG278
DELIVERY IN PROGRESS: 28-DEC-89 (12 live pups present)
PARTURITION: 29-DEC-89
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	8	9	8	9	8	9	8	9	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	8	9	8	9	8	9	8	9	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG278 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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[illegible]SUBJECT TO
AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG332
DELIVERY IN PROGRESS: 27-DEC-89 (5 live pups present)
PARTURITION: 28-DEC-89
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	8	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	8	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG332 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG327
PARTURITION: 27-DEC-89
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG327 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG241
DELIVERY IN PROGRESS: 28-DEC-89 (8 live pups present)
PARTURITION: 29-DEC-8[illegible]
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	9	9	9	9	9	9	9	9	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	8	9	9	9	9	9	9	9	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION: SNOUT	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG241 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG318
PARTURITION: 30-DEC-89
Total Born: 5 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 5)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG318 (continued)
PARTURITION: 30-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: RCG231
PARTURITION: 27-DEC-89
Total Born: 16(Total Dead: 1, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	5	10	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	5	10	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG231 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG244
PARTURITION: 27-DEC-89
Total Born: 15 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	8	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	8	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX 2 - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG244 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG214
DELIVERY IN PROGRESS: 28-DEC-89 (17 live pups present)
PARTURITION: 29-DEC-89
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	8	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	8	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG214 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT FOR DISTRIBUTION

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG269
PARTURITION: 27-DEC-89
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	10	7	10	7	9	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	10	7	10	7	9	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG269 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG290
PARTURITION: 29-DEC-89
Total Born: 11 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	8	3	8	3	8	3	8	3	8	3	5	3	5	3	5	3	5	3	5	3	5	3	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	8	3	8	3	8	3	8	3	8	3	5	3	5	3	5	3	5	3	5	3	5	3	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 3 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG290 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG301
PARTURITION: 26-DEC-89
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	7	6	7	6	7	6	7	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	7	6	7	6	7	6	7	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG301 (continued)
PARTURITION: 26-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG208
PARTURITION: 27-DEC-89
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	9	8	9	8	9	8	9	8	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	9	8	9	8	9	8	9	8	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG208 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG232
PARTURITION: 27-DEC-89
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	7	6	7	6	7	6	7	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	7	6	7	6	7	6	7	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG232 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG325
DELIVERY IN PROGRESS: 27-DEC-89 (9 live pups present)
PARTURITION: 28-DEC-89
Total Born: 9 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 9)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION: RIGHT HINDPAW	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG325 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: RCG305
DELIVERY IN PROGRESS: 26-DEC-89 (9 live pups present)
PARTURITION: 27-DEC-89
Total Born: 9 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 9)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG305 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG234
DELIVERY IN PROGRESS: 28-DEC-89 (8 live pups present)
PARTURITION: 29-DEC-89
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	12	6	12	6	12	6	12	6	12	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	12	6	12	6	12	6	12	6	12	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG234 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG298
PARTURITION: 27-DEC-89
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	7	8	7	8	7	8	7	8	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	7	8	7	8	7	8	7	8	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG298 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG215
DELIVERY IN PROGRESS: 28-DEC-89 (11 live pups present, 3 pups found dead)
PARTURITION: 29-DEC-89
Total Born: 14 (Total Dead: 3, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	6	5	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	6	5	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG215 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG220
PARTURITION: 29-DEC-89
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	6	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD (P.M.)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	6	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG220 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG316
PARTURITION: 28-DEC-89
Total Born: 10 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 10)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	2	2	4	2	3	2	3	3	6	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: -DORSAL THORACIC REGION	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-SNOUT	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-RIGHT EAR AND DORSAL LUMBAR AREA	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-SCAPULAR AREA	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORES AND SCABS: RIGHT SCAPULAR AREA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION: TIP OF TAIL	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAIL: 5% NECROTIC	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
TAIL: 5% TRUNCATED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1
PROTRUDING AREA: LEFT DORSAL LUMBAR REGION	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter equals 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX 2 - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG316 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TAIL: 5% TRUNCATED	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG296
PARTURITION: 27-DEC-89
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	10	6	10	6	10	6	10	6	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	10	6	10	6	10	6	10	6	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG296 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG329
PARTURITION: 2-JAN-90
Total Born: 16 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	9	6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	9	6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG329 (continued)
PARTURITION: 2-JAN-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20 (d)	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized
(d) Animals inadvertently euthanized on Day 20

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG260
PARTURITION: 29-DEC-89
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	8	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	8	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

NOT SUBJECTED TO QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG260 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG295
PARTURITION: 27-DEC-89
Total Born: 13 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	8	4	8	4	8	4	8	4	8	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	8	4	8	4	8	4	8	4	8	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

M NUMBER: HCG295 (continued)
RTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
THOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

...AM NUMBER: HCG240
...ELIVERY IN PROGRESS: 31-DEC-89 (14 live pups present)
...ARTURITION: 1-JAN-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG240 (continued)
PARTURITION: 1-JAN-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG291
PARTURITION: 27-DEC-89
Total Born: 15 (Total Dead: 0, Total Cannibalized: 1, Total Alive: 14)

TIME:	DAY 0			DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	U	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	9		5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD (PARTIALLY CANNIBALIZED)	0	0	1 (1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	9		5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized
U = Undetermined sex

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG291 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG335
DELIVERY IN PROGRESS: 26-DEC-89 (13 live pups present, 2 pups found dead)
PARTURITION: 27-DEC-89
Total Born: 15 (Total Dead: 2, Total Missing from D.I.P (c): 1, Total Alive: 12)

TIME:	DAY 0			DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	U	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	8		4	8	4	8	4	8	4	8	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	8		3	7	3	8	3	8	3	8	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0		0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
RAISED UMBILICAL AREA	1	0		1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: UMBILICAL AREA	0	0		0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized
U = Undetermined sex

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG335 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG258
PARTURITION: 28-DEC-89
Total Born: 4 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 4)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	0	3	0	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SNOUT: DARK BLUE DISCOLORATION	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 animals
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG258 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG277
PARTURITION: 27-DEC-89
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	11	4	11	3	11	3	11	3	11	3	5	3	5	3	5	3	5	3	5	3	5	3	5
TOTAL FOUND DEAD (P.M.)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	9	4	9	3	11	3	11	3	11	3	5	3	5	3	5	3	5	3	5	3	5	3	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: SNOUT	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: TAIL	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 3 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG277 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unl herwise noted
(c) Missing, presumed canni

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG317
DELIVERY IN PROGRESS: 29-DEC-89 (6 live pups present)
PARTURITION: 30-DEC-89
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	9	[illegible]	9	8	9	8	9	[illegible]	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	9	8	9	8	9	8	9	8	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	1	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG317 (continued)
PARTURITION: 30-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG221
DELIVERY IN PROGRESS: 29-DEC-89 (16 live pups present)
PARTURITION: 30-DEC-89
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	6	10	6	10	6	10	6	10	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	5	8	4	10	6	9	6	10	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DARK BLUE DISCOLORATION:																								
-VENTRAL AND DORSAL ABDOMINAL AREA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-SNOUT	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-VENTRAL ABDOMENINAL AREA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: LEFT EAR	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: SNOUT	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

[illegible]RAFT
[illegible]RJECTED TO
[illegible]UDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG221 (continued)
PARTURITION: 30-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG331
DELIVERY IN PROGRESS: 1-JAN-90 (14 live pups present)
PARTURITION: 2-JAN-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	9	5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	9	5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG331 (continued)
PARTURITION: 2-JAN-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG339
PARTURITION: 26-DEC-89
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	6	7	6	7	6	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	6	7	6	7	6	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG339 (continued)
PARTURITION: 26-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG307
DELIVERY IN PROGRESS: 28-DEC-89 (3 live pups present)
PARTURITION: 29-DEC-89
Total Born: 4 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 4)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG307 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG225
PARTURITION: 28-DEC-89
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	7	10	7	10	7	10	7	10	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	7	9	6	10	6	10	6	10	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION: DORSAL SURFACE	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: RIGHT EAR	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: SNOUT	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG225 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG263
PARTURITION: 31-DEC-89
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	7	9	7	9	7	9	7	9	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	7	9	7	9	7	9	7	9	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG263 (continued)
PARTURITION: 31-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG254
DELIVERY IN PROGRESS: 26-DEC-89 (7 live pups present)
PARTURITION: 27-DEC-89
Total Born: 8 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 8)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	1	6	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DARK BLUE DISCOLORATION: TIP OF TAIL	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG254 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX 3 - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG242
PARTURITION: 28-DEC-89
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	12	6	12	6	12	6	12	6	12	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	12	6	12	6	12	6	12	6	12	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG242 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX X - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG304
PARTURITION: 29-DEC-89
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	6	8	6	8	6	8	6	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	5	7	5	7	5	8	5	8	6	5	5	5	5	5	5	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACERATION: RIGHT HINDLEG	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION: RIGHT HINDLEG	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: RIGHT HINDLEG	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG304 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups wit.. milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG302
DELIVERY IN PROGRESS: 27-DEC-89 (11 live pups present, 1 pup found dead)
PARTURITION: 29-DEC-89
Total Born: 15 (Total Dead: 3, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	10	2	10	2	10	2	10	2	10	2	5	2	5	2	5	2	5	2	5	2	5	2	5
TOTAL FOUND DEAD	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	10	2	10	2	10	2	10	2	10	2	5	2	5	2	5	2	5	2	5	2	5	2	5
WITHOUT MILK (b)	0	0	0	6	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 2 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG302 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG248
DELIVERY IN PROGRESS: 26-DEC-89 (12 live pups present)
PARTURITION: 27-DEC-89
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG248 (continued)
PARTURITION: 27-DEC-99

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG294
PARTURITION: 28-DEC-89
Total Born: 10 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 10)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	5	4	5	4	5	3	5	4	6
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAISED AREA: VENTRAL ABDOMEN:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0
SCAB: RIGHT EYE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

(a) Animals not culled, as per protocol, litter equals 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG294 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	5	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAISED AREA: VENTRAL ABDOMEN	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: RIGHT EYE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG309
PARTURITION: 27-DEC-89
Total Born: 13(Total Dead: 1, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1			DAY 2		DAY 3		DAY 4	
OBSERVATION	M	F	M	F	U	M	F	M	F	M	F
TOTAL SURVIVORS	9	3	2	0		1	0	1	0	0	0
TOTAL FOUND DEAD (A.M.)	0	1	2	2	1	1	0	0	0	0	0
(PARTIALLY CANNIBALIZED)			(2)	(1)		(1)					
(CANNIBALIZED)					(1)						
TOTAL FOUND DEAD (P.M.)	1	1	0	0		0	0	0	0	0	0
TOTAL MISSING (b)	0	0	0	0	3	0	0	0	0	1	0
NO OBSERVABLE ABNORMALITIES	9	3	0	0		0	0	0	0	0	0
WITHOUT MILK (a)	9	3	1	0		0	0	1	0	0	0
SCAB: RIGHT EAR	0	0	1	0		0	0	0	0	0	0
SLIGHTLY EMACIATED	0	0	0	0		0	0	1	0	0	0

(a) All live pups with milk unless otherwise noted
(b) Missing, presumed cannibalized
U = Undetermined sex

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG252
DELIVERY IN PROGRESS: 26-DEC-89 (16 live pups present)
PARTURITION: 27-DEC-89
Total Born: 16(Total Dead: 2, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	6	8	6	8	6	8	6	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	5	8	6	8	6	8	6	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: HEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG252 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG255
DELIVERY IN PROGRESS: 29-DEC-89 (12 live pups present)
PARTURITION: 30-DEC-89
Total Born: 13 (Total Dead: 3, Total Cannibalized: 0, Total Alive: 10)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	4	5	5	5	5	5	5	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION: VENTRAL ABDOMEN	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter equals 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG255 (continued)
PARTURITION: 30-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG288
DELIVERY IN PROGRESS: 26-DEC-89 (9 live pups present, 1 male pup found dead)
PARTURITION: 27-DEC-89
Total Born: 10 (Total Dead: 7, Total Missing from D.I.P.(c): 3, Total Alive: 0)

TIME:	DAY			DAY	
.SK	0			1	
OBSERVATION	M	F	U	M	F
TOTAL SURVIVORS	0	0		0	0
TOTAL FOUND DEAD	2	3	1	0	0
PARTIALLY CANNIBALIZED			(1)		
TOTAL MISSING (b)	0	0	3	0	0
NO OBSERVABLE ABNORMALITIES	0	0		0	0
WITHOUT MILK (a)	0	0		0	0

(a) All live pups with milk unless otherwise noted
(b) Missing, presumed cannibalized
U = Undetermined sex

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG270
DELIVERY IN PROGRESS: 27-DEC-89 (11 live pups present)
PARTURITION: 28-DEC-89
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	8	9	8	9	8	9	8	9	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	8	9	8	9	8	9	8	9	8	5	5	5	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: LEFT LATERAL POSTERIOR DORSAL AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
Dose Group: 500 MG/KG

DAM NUMBER: HCG270 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	3	5	3	5	3	5	3	5	3	5	2	5	2	5	2	5	2	5
TOTAL FOUND DEAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL FOUND DEAD (P.M.)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5
WITHOUT MILK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: LEFT LATERAL POSTERIOR DORSAL AREA	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0
HYPOACTIVE AND LABORED BREATHING	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG211
PARTURITION: 30-DEC-89
Total Born: 6 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 6)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG211 (continued)
PARTURITION: 30-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG300
DELIVERY IN PROGRESS: 27-DEC-89 (14 live pups present)
PARTURITION: 28-DEC-89
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	7	6	6	6	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL FOUND DEAD (P.M.)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	7	6	6	6	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG300 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	1	4	1	4	1	4	1	5	3	5	3	5	3	5	3	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAISED AREA: RIGHT LATERAL DORSAL POSTERIOR	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
RAISED UMBILICAL AREA	0	0	0	0	3	1	3	1	2	1	2	0	0	0	0	0	0	0	0	0
TAN RAISED AREA: RIGHT LATERAL DORSAL POSTERIOR	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
DRY TAN MATERIAL AROUND BOTH EYES	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
SCAB: RIGHT LATERAL DORSAL POSTERIOR AREA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
ALOPECIA: DORSAL POSTERIOR	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0
ALOPECIA: VENTRAL SURFACE	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0
ALOPECIA: RIGHT LATERAL DORSAL POSTERIOR AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG220
DELIVERY IN PROGRESS: 31-DEC-89 (1 live pup present)
PARTURITION: 1-JAN-90
Total Born: 6 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 6)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBMITTED
OR ACCEPTED

APPENDIX E - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG320 (continued)
PARTURITION: 1-JAN-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	3	1	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SCABS: SNOUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
DROCDIS LEFT EYE, SLIGHTLY SWOLLEN LEFT SIDE OF FACE AND SCAB UNDER LEFT SIDE OF MOUTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG266
DELIVERY IN PROGRESS: 28-DEC-89 (12 live pups present, 1 male pup found dead)
PARTURITION: 29-DEC-89
Total Born: 18 (Total Dead: 8, Total Cannibalized: 0, Total Alive: 10)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	6	3	6	2	4	1	4	1	4	0	4	0	3	0	3	0	2	0	2	0	2	0	2
TOTAL FOUND DEAD	4	4	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL FOUND DEAD (P.M.)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	1	2	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	6	3	6	2	3	0	2	0	3	0	3	0	3	0	3	0	2	0	2	0	2	0	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
BLUE DISCOLORATION:																								
-SKULL	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-TIP OF TAIL	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-POSTERIOR ABDOMEN AND TAIL	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
-TAIL AND DORSAL POSTERIOR	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

[redacted]CTED TO
[redacted]EDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG266 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
[illegible] SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG210
DELIVERY IN PROGRESS: 27-DEC-89 (9 live pups present)
PARTURITION: 28-DEC-89
Total Born: 9 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 9)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO TAIL	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG210 (continued)
PARTURITION: 28-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	1	7	1	7	1	7	1	7	1	7	1	[illegible]		7	1	7	1	7	1
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NO TAIL	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

[illegible] SUBJECTED TO [illegible] AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG306
DELIVERY IN PROGRESS: 28-DEC-89 (13 live pups present)
PARTURITION: 29-DEC-89
Total Born: 15 (Total Dead: 3, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	4	8	3	8	3	8	3	8	3	5	3	5	3	5	3	5	3	5	3	5	3	4	3
TOTAL FOUND DEAD	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL FOUND DEAD (P.M.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
TOTAL MISSING (c)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	4	7	3	8	3	7	3	7	3	4	3	5	3	4	3	4	3	4	3	4	3	4	3
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: BASE OF TAIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
BLUE DISCOLORATION: TAIL	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
TAIL: 25% NECROTIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0
SCAB: UMBILICAL AREA	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE NODULE: UMBILICAL AREA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION BOTH HINDPAWS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0

(a) Animals culled to 5 males and 3 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: ECG306 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAISED: UMBILICAL AREA	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
ALOPECIA: UMBILICAL AREA	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presume cannibalized

[illegible] CKED TO

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG299
DELIVERY IN PROGRESS: 28-DEC-89 (1 live pup present)
PARTURITION: 29-DEC-89
Total Born: 16 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1			DAY 2	
OBSERVATION	M	F	M	F	U	M	F
TOTAL SURVIVORS	7	8	0	0		0	0
TOTAL FOUND DEAD (A.M.)	1	0	3	2	3	0	0
(PARTIALLY CANNIBALIZED)			(2)	(2)	(3)		
TOTAL FOUND DEAD (P.M.)	2	0	0	0		0	0
TOTAL MISSING (b)	0	0	0	0	5	0	0
NO OBSERVABLE ABNORMALITIES	7	8	0	0		0	0
WITHOUT MILK (a)	0	0	0	0		0	0

(a) All live pups with milk unless otherwise noted
(b) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG226
DELIVERY IN PROGRESS: 28-DEC-89 (3 live pups present)
PARTURITION: 29-DEC-89
Total Born: 3 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 3)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOYAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG226 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG312
DELIVERY IN PROGRESS: 1-JAN-90 (13 live pups present)
PARTURITION: 2-JAN-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	4	3	3	3	2	2	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
TOTAL FOUND DEAD	0	0	4	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL FOUND DEAD (P.M.)	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	4	3	3	3	2	2	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
WITHOUT MILK (b)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: DORSAL HEAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG312 (continued)
PARTURITION: 2-JAN-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG253
PARTURITION: 8-JAN-90
Total Born: 11 (Total Dead: 2, Total Cannibalized: 0, Total Alive: 9)

TIME:	DAY 0		DAY 1	
OBSERVATION	M	F	M	F
TOTAL SURVIVORS	5	4	0	0
TOTAL FOUND DEAD	0	2	0	0
TOTAL FOUND DEAD (P.M.)	2	0	0	0
TOTAL MISSING (b)	0	0	4	3
NO OBSERVABLE ABNORMALITIES	5	4	0	0
WITHOUT MILK (a)	0	0	0	0

(a) All live pups with milk unless otherwise noted
(b) Missing, presumed cannibalized

[illegible]

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG227
PARTURITION: 15-JAN-90
Total Born: 16 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	9	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6
TOTAL FOUND DEAD	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	9	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6
WITHOUT MILK (b)	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS -- F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG227 (continued)
PARTURITION: 15-JAN-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	6	0	4	0	4	0	4	2	5	3	6	3	6	3	6	3	6	3	6
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAISED UMBILICAL AREA	0	0	3	2	3	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0
ALOPECIA ABOVE RIGHT EYE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG293
DELIVERY IN PROGRESS: 26-DEC-89 (8 live pups present)
PARTURITION: 27-DEC-89
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	10	5	10	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	10	5	10	5	9	5	9	4	8	4	4	4	4	4	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: RIGHT EAR	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: POSTERIOR REGION	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: DORSAL POSTERIOR	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0
RAISED UMBILICAL AREA	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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NOT SUBMITTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG293 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD (P.M.)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	3	5	3	4	3	4	4	4	4	4	4	4	4	4	4
WITHOUT MILK	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
TIP OF TAIL: NECROTIC	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0
RAISED UMBILICAL AREA	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
HYPOACTIVE AND MODERATELY EMACIATED	0	0	0	0	0	0	1d	0	1	0	0	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized
d Observation made at PM check

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG259
PARTURITION: 26-DEC-89
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	9	6	9	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD (P.M.)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	6	6	9	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DARK BLUE DISCOLORATION: -TAIL	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-VENTRAL CERVICAL	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

NOT SUBMITTED TO
QA AUDIT

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG259 (continued)
PARTURITION: 26-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG230
DELIVERY IN PROGRESS: 2-JAN-90 (5 live pups present)
PARTURITION: 3-JAN-90
Total Born: 11 (Total Dead: 9, Total Cannibalized: 1, Total Alive: 1)

TIME:	DAY 0			DAY 1		
OBSERVATION	M	F	U	M	F	U
TOTAL SURVIVORS	1	0		0	0	
TOTAL FOUND DEAD (PARTIALLY CANNIBALIZED)	5	4	1 (1)	0	0	1 (1)
TOTAL MISSING (b)	0	0		0	0	
NO OBSERVABLE ABNORMALITIES	1	0		0	0	
WITHOUT MILK (a)	0	0		0	0	

(a) All live pups with milk unless otherwise noted
(b) Missing, presumed cannibalized
U = Undetermined sex

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG315
PARTURITION: 27-DEC-89
Total Born: 17 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	12	4	12	4	12	4	12	4	12	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	12	4	12	4	12	4	12	4	12	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG315 (continued)
PARTURITION: 27-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG273
PARTURITION: 7-JAN-90
Total Born: 12 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	3	9	3	8	2	8	2	8	2	8	2	8	2	7	2	7	2	7	2	7	2	7	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	3	9	3	8	2	8	2	8	2	8	2	8	2	7	2	7	2	7	2	7	2	7	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	1	0	1	0	3	0	0	0	2	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter equals 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG273 (continued)
PARTURITION: 7-JAN-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG292
PARTURITION: 29-DEC-89
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	13	5	10	3	9	3	9	2	8	1	8	1	7	1	7	1	7	1	7	1	7	1	7	1
TOTAL FOUND DEAD	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	2	1	1	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	13	5	10	3	8	3	7	2	6	1	6	1	5	1	6	1	6	1	6	1	6	1	6	1
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION: -VENTRAL ABDOMEN	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-POSTERIOR ABDOMEN	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-RIGHT HINDLEG AND HINDPAW	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-RIGHT HINDLEG AND POSTERIOR ABDOMEN	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
SCABS: RIGHT HINDLEG	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0
SCABS: LEFT FOREPAW	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX Z - INDIVIDUAL OFFSPRING OBSERVATIONS - F1A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG292 (continued)
PARTURITION: 29-DEC-89

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	1	7	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SCAB: RIGHT HINDLEG	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAISED UMBILICAL AREA	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

GRAY
NOT SUBJECTED TO
QUALITY

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG222
PARTURITION: 19-MAR-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG222 (continued)
PARTURITION: 19-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG321
DELIVERY IN PROGRESS: 18-MAR-90 (10 live pups present)
PARTURITION: 19-MAR-90
Total Born: 11 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	5	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	5	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG321 (continued)
PARTURITION: 19-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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[illegible]

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG251
PARTURITION: 14-MAR-90
Total Born: 19 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1 *		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	10	9	9	9	9	9	9	9	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	10	9	9	9	9	9	9	9	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated Day 1
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG251 (continued)
PARTURITION: 14-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG274
DELIVERY IN PROGRESS: 16-MAR-90 (10 live pups present)
PARTURITION: 17-MAR-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	10	3	10	3	10	3	10	3	10	3	5	3	5	3	5	3	5	3	5	3	5	3	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	10	3	10	3	10	3	10	3	10	3	5	3	5	3	5	3	5	3	5	3	5	3	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 3 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG274 (continued)
PARTURITION: 17-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG256
DELIVERY IN PROGRESS: 14-MAR-90 (1 live pup present)
PARTURITION: 15-MAR-90
Total Born: 5 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 5)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

[redacted]
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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG256 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG237
DELIVERY IN PROGRESS: 14-MAR-90 (11 live pups present, 2 pups found dead)
PARTURITION: 15-MAR-90
Total Born: 15 (Total Dead: 2, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	7	6	7	6	7	6	7	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	7	6	7	6	7	6	7	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG237 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG336
DELIVERY IN PROGRESS: 15-MAR-90 (12 live pups present)
PARTURITION: 16-MAR-90
Total Born: 12 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	5	7	5	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	5	7	5	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG336 (continued)
PARTURITION: 16-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG280
PARTURITION: 15-MAR-90
Total Born: 4 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 4)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	1	0
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: SNOUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
SCAB: RIGHT EYE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HEAD TILTS TO RIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG280 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1
TOTAL FOUED DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	0	1	0	1	0	1	1	2	1	2	1	2	1	2	1	2	1	2	1
SCAB: SNOUT	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: RIGHT EYE	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAD TILTS TO RIGHT	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
RIGHT EYE NOT OPEN	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG322
DELIVERY IN PROGRESS: 26-MAR-90 (16 live pups present)
PARTURITION: 27-MAR-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	11	5	11	5	11	5	11	5	11	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	11	5	11	5	11	5	11	5	11	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG322 (continued)
PARTURITION: 27-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBMITTED TO
QA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG219
DELIVERY IN PROGRESS: 15-MAR-90 (18 live pups present)
PARTURITION: 16-MAR-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	11	7	11	7	11	7	11	7	11	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	11	7	11	7	11	7	11	7	11	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

[redacted]
NOT SUBJECT TO
OF AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG219 (continued)
PARTURITION: 16-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

BER: HCG338
TION: 16-MAR-90
al Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
TION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
URVIVORS	6	9	6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
OUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLE ABNORMALITIES	6	9	6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T MILK (b)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

) Animals culled to 5 males and 5 females after Day 4 observations
) All live pups with milk unless otherwise noted
) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

UMBER: HCG338 (continued)
RITION: 16-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
L SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
L FOUND DZAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
OUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

ATION RAT REPRODUCTION
H MRD-89-365: 236535

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

NUMBER: HCG286
TURITION: 17-MAR-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
BERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TAL SURVIVORS	9	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OBSERVABLE ABNORMALITIES	9	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
THOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after the Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QUALITY

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG286 (continued)
PARTURITION: 17-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBMITTED TO
COURT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG271
DELIVERY IN PROGRESS: 17-MAR-90 (8 live pups present)
PARTURITION: 18-MAR-90
Total Born: 9 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 9)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUPPORTED BY
QA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG271 (continued)
PARTURITION: 18-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG218
DELIVERY IN PROGRESS: 14-MAR-90 (9 live pups present)
PARTURITION: 15-MAR-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG218 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

MULTI-[redacted]ATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG247
DELIVERY IN PROGRESS: 17-MAR-90 (10 live pups present, 3 pups found dead)
PARTURITION: 18-MAR-90
Total Born: 13 (Total Dead: 3, Total Cannibalized: 0, Total Alive: 10)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter equals 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

MULTI- ATION RAT REPRODUCTION

MULTI[redacted]ATION RAT REPRODUCTION
STUDY [redacted] MRD-89-365: 236535

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG247 (continued)
PARTURITION: 18-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG297
PARTURITION: 18-MAR-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1 *		DAY 2		DAY 3		DAY 4 (a)*		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	8	11	7	11	7	11	7	12	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	8	11	7	11	7	11	7	12	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated Days 1 and 4
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: HCG297 (continued)
PARTURITION: 18-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG340
PARTURITION: 14-MAR-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	6	10	6	10	6	10	6	10	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	6	10	6	10	6	10	6	10	6	4	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: LEFT HINDLEG	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG340 (continued)
PARTURITION: 14-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG334
PARTURITION: 14-MAR-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	12	5	12	5	12	5	12	5	12	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	12	5	12	5	12	5	12	5	12	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG334 (continued)
PARTURITION: 14-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OPSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG311
DELIVERY IN PROGRESS: 16-MAR-90 (12 live pups present)
PARTURITION: 17-MAR-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	6	10	6	10	6	10	6	10	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	6	10	6	10	6	10	6	10	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 10 MG/KG/DAY

DAM NUMBER: HCG311 (continued)
PARTURITION: 17-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITEOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG212
DELIVERY IN PROGRESS: 16-MAR-90 (5 live pups present)
PARTURITION: 17-MAR-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	6	9	6	9	6	9	6	9	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	6	9	6	9	6	9	6	9	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG212 (continued)
PARTURITION: 17-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: ECG245
PARTURITION: 15-MAR-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	6	8	6	8	6	8	6	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	6	8	6	8	6	8	6	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG245 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG264
PARTURITION: 16-MAR-90
Total Born: 15 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	6	7	6	7	6	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	6	7	6	7	6	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	1	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG264 (continued)
PARTURITION: 16-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG278
DELIVERY IN PROGRESS: 23-MAR-90 (14 live pups present)
PARTURITION: 24-MAR-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	11	6	10	6	10	6	10	6	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ANOMALITIES	6	11	6	10	6	10	6	10	6	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG278 (continued)
PARTURITION: 24-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG332
PARTURITION: 16-MAR-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	8	10	8	10	8	10	8	10	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	8	10	8	10	8	10	8	10	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG332 (continued)
PARTURITION: 16-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG327
PARTURITION: 14-MAR-90
Total Born: 12 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	7	5	7	5	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	7	5	7	5	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG327 (continued)
PARTURITION: 14-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG244
DELIVERY IN PROGRESS: 17-MAR-90 (7 live pups present)
PARTURITION: 18-MAR-90
Total Born: 8 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 8)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	2	6	2	6	2	6	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEFT EYE BULGE NOT APPARENT	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG244 (continued)
PARTURITION: 18-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
LEFT EYE BULGE NOT APPARENT	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEFT EYE NOT OPEN	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG214
DELIVERY IN PROGRESS: 14-MAR-90 (10 live pups present)
PARTURITION: 15-MAR-90
Total Born: 10 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 10)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	3	7	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	3	7	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG214 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG269
PARTURITION: 16-MAR-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	11	4	10	4	10	4	10	4	10	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD (P.M.)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	11	4	10	4	10	4	10	4	10	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG269 (continued)
PARTURITION: 16-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG290
PARTURITION: 20-MAR-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	6	10	6	9	6	9	6	9	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	6	10	6	9	6	9	6	9	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG290 (continued)
PARTURITION: 20-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG301
PARTURITION: 27-MAR-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	7	8	7	8	7	8	7	8	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	7	8	7	8	7	8	7	8	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: ABDOMEN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG301 (continued)
PARTURITION: 27-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG325
DELIVERY IN PROGRESS: 15-MAR-90 (5 live pups present)
PARTURITION: 16-MAR-90
Total Born: 5 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 5)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG325 (continued)
PARTURITION: 16-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG234
PARTURITION: 18-MAR-90
Total Born: 16 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	11	4	11	4	11	4	11	4	11	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	11	4	11	4	11	4	11	4	11	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: HCG234 (continued)
PARTURITION: 18-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG215
DELIVERY IN PROGRESS: 16-MAR-90 (10 live pups present)
PARTURITION: 17-MAR-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1 *		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	10	7	9	7	9	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	10	7	9	7	9	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated Day 1
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG215 (continued)
PARTURITION: 17-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG220
PARTURITION: 14-MAR-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	6	7	6	7	6	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	6	7	6	7	6	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG220 (continued)
PARTURITION: 14-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: ECG316
PARTURITION: 15-MAR-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1 *		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	8	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	8	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated Day 1
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

LAB NUMBER: HCG316 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG296
PARTURITION: 16-MAR-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	11	5	11	5	11	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	11	5	11	5	11	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG296 (continued)
PARTURITION: 16-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG329
PARTURITION: 15-MAR-90
Total Born: 18 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	9	7	9	7	9	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	9	7	9	7	9	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG329 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG260
PARTURITION: 15-MAR-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	13	4	13	4	13	4	13	4	13	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	13	4	13	4	13	4	13	4	13	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG260 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG295
DELIVERY IN PROGRESS: 27-MAR-90 (15 live pups present)
PARTURITION: 28-MAR-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3 *		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	7	7	7	7	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	7	7	7	7	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated Day 3
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG295 (continued)
PARTURITION: 28-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG240
PARTURITION: 17-MAR-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1 *		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	7	11	6	11	6	11	6	11	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	7	11	6	11	6	11	6	11	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated Day 1
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG240 (continued)
PARTURITION: 17-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG291
DELIVERY IN PROGRESS: 14-MAR-90 (12 live pups present)
PARTURITION: 15-MAR-90
Total Born: 12 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	5	7	5	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	5	7	5	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG291 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG258
PARTURITION: 16-MAR-90
Total Born: 9 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 9)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 animals
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG258 (continued)
PARTURITION: 16-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	3	6	3	6	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EUTHANIZED	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	3	2	2	0	0	0	0	3	2	4	3	5	3	5	3	5	3	5	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXTREMELY ENGOURGED WITH MILK	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STOMACH DISTENDED LATERALLY	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED MATERIAL: ANAL REGION	3	0	3	1	6	3	5	3	2	1	1	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG221
DELIVERY IN PROGRESS: 14-MAR-90 (17 live pups present)
PARTURITION: 15-MAR-90
Total Born: 17 (Total Dead: 0, Total Missing from D.I.P. (c): 1, Total Alive: 16)

TIME:	DAY 0			DAY 1 *		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	U	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	7		8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	7		8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated Day 1
U = Undetermined sex
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG221 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG331
DELIVERY IN PROGRESS: 14-MAR-90 (17 live pups present)
PARTURITION: 15-MAR-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	8	9	8	9	8	9	8	9	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	8	9	8	9	8	9	8	9	7	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTH EYE BULGES NOT APPARENT	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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QA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG331 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOTH EYE BULGES NOT APPARENT	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0
BOTH EYES NOT OPEN	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG339
DELIVERY IN PROGRESS: 16-MAR-90 (12 live pups present)
PARTURITION: 17-MAR-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	9	6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	9	6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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QA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG339 (continued)
PARTURITION: 17-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

[redacted]
NOT SUBJECT
GA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG307
DELIVERY IN PROGRESS: 14-MAR-90 (15 live pups present)
PARTURITION: 15-MAR-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	8	7	8	7	8	7	8	7	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	8	7	8	7	8	7	8	7	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT GUIDELINE
QA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG307 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT [illegible]
OR REPORT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG254
PARTURITION: 15-MAR-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	7	6	7	6	7	6	7	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	7	6	7	6	7	6	7	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECT TO
QUALITY

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG254 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	[redacted]	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG304
PARTURITION: 17-MAR-90
Total Born: 6 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 6)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4
[illegible]L FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[illegible]AL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4
WITHOUT MILK (b)	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG304 (continued)
PARTURITION: 17-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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NOT SUBJECT TO
QA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG302
DELIVERY IN PROGRESS: 17-MAR-90 (9 live pups present)
PARTURITION: 18-MAR-90
Total Born: 9 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 9)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7
WITHOUT MILK (b)	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: HCG302 (continued)
PARTURITION: 18-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG248
DELIVERY IN PROGRESS: 23-MAR-90 (9 live pups present)
PARTURITION: 24-MAR-90
Total Born: 11 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	3	8	3	8	3	8	3	8	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	3	8	3	8	3	8	3	7	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAISED UMBILICAL AREA	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0

(a) Animals culled to 5 males and 3 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBMITTED

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG248 (continued)
PARTURITION: 24-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAISED UMBILICAL AREA	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG252
PARTURITION: 15-MAR-90
Total Born: 18(Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	11	7	10	7	10	7	10	7	9	5	5	4	5	4	4	4	4	4	4	4	4	4	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	11	7	10	7	10	7	10	7	9	5	5	2	5	U	4	2	4	2	4	2	4	2	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
DARK BLUE DISCOLORATION: BOTH HINDLEGS	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
TAIL	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	0	0	0	0	0	0
EMACIATED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
APPARENT ATROPHY OF BOTH HINDLEGS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	2	0
NECROTIC TAIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized
U = Undetermined

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG252 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	3	4	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL EUTHANIZED	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	3	2	3	2	3	2	3	2	3	1	3	1	3	1	3	1	3	1	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NECROTIC TAIL	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APPARENT ATROPHY OF BOTH HINDLEGS	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THIN HAIR COAT	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG255
PARTURITION: 15-MAR-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2	
OBSERVATION	M	F	M	F	M	F
TOTAL SURVIVORS	8	10	7	9	0	0
TOTAL FOUND DEAD	0	0	1	1	0	0
TOTAL FOUND DEAD *	0	0	6	7	0	0
TOTAL MISSING (b)	0	0	0	0	1	2
NO OBSERVABLE ABNORMALITIES	8	10	7	9	0	0
WITHOUT MILK (a)	0	0	0	0	0	0

* Found dead following a.m. check, or in p.m.
(a) All live pups with milk unless otherwise noted
(b) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG288
DELIVERY IN PROGRESS: 17-MAR-90 (3 live pups present)
PARTURITION: 18-MAR-90
Total Born: 9 (Total Dead: 5, Total Cannibalized: 0, Total Alive: 4)

TIME:	DAY 0		DAY 1 (c)	
OBSERVATION	M	F	M	F
TOTAL SURVIVORS	3	1	0	0
TOTAL FOUND DEAD	2	3	0	0
TOTAL FOUND DEAD (P.M.)	3	1	0	0
TOTAL MISSING (b)	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	1	0	0
WITHOUT MILK (a)	1	1	0	0

(a) All live pups with milk unless otherwise noted
(b) Missing, presumed cannibalized
(c) No pups remain

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG270
DELIVERY IN PROGRESS: 19-MAR-90 (8 live pups present)
PARTURITION: 20-MAR-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	8	6	8	6	8	5	8	5	7	5	5	5	5	5	5	5	5	5	5	4	5	4	5
TOTAL FOUND DEAD (PARTIALLY CANNIBALIZED)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1 (1)	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	8	6	8	6	8	5	8	5	7	5	5	5	5	5	5	5	5	5	5	4	5	[illegible]	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THIN HAIR COAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[illegible]	1	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG270 (continued)
PARTURITION: 20-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	5	3	5	3	5	3	5	3	5	3	5	3	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
THIN HAIR COAT	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG211
PARTURITION: 14-MAR-90
Total Born: 13 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	9	3	9	3	9	3	9	3	9	3	5	3	5	3	5	3	5	3	5	3	5	3	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	9	3	9	3	9	3	9	3	9	3	5	3	5	3	5	3	5	3	5	3	5	3	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 3 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG211 (continued)
PARTURITION: 14-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	5	3	5	3	4	3	4	3	4	3	4	3	5	3	5	3	5	3	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
THIN HAIR COAT	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
SUBJECTED TO

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG300
DELIVERY IN PROGRESS: 17-MAR-90 (12 live pups present)
PARTURITION: 18-MAR-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	5	8	5	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
RAISED AREA: DORSAL SCAPULAR REGION	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DARK BLUE DISCOLORATION: DORSAL THORACIC AREA	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG300 (continued)
PARTURITION: 18-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANO-GENITAL STAINING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG320
DELIVERY IN PROGRESS: 14-MAR-90 (4 live pup present)
PARTURITION: 15-MAR-90
Total Born: 5 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 5)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (&)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: RCG320 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: [illegible]00 MG/KG

DAM NUMBER: HCG266
PARTURITION: 15-MAR-90
Total Born: 8 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 8)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG266 (continued)
PARTURITION: 15-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG210
DELIVERY IN PROGRESS: 16-MAR-90 (12 live pups present)
PARTURITION: 17-MAR-90
Total Born: 12 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	3	9	3	9	3	9	2	8	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
TOTAL FOUND DEAD (PARTIALLY CANNIBALIZED)	0	0	0	0	0	0	0	1 (1)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	3	9	3	9	3	8	2	8	2	7	2	7	2	6	2	6	2	6	2	5	2	5	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STOMACH ENGOURGED WITH MILK, DISTENDED LATERALLY AND DORSAL-CAUDALLY	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APPARENT UMBILICAL HERNIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	2	0	2	0

(a) Animals not culled, as per protocol, litter equals 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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QA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG210 (continued)
PARTURITION: 17-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	2	5	2	6	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APPARENT UMBILICAL HERNIA	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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QA AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG299
PARTURITION: 17-MAR-90
Total Born: 13(Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1 *		DAY 2 (c)	
OBSERVATION	M	F	M	F	M	F
TOTAL SURVIVORS	5	8	2	1	0	0
TOTAL FOUND DEAD	0	0	1	6	0	0
TOTAL FOUND DEAD (P.M.) (PARTIALLY CANNIBALIZED)	3 (1)	0	2	1	0	0
TOTAL MISSING (b)	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	8	2	1	0	0
WITHOUT MILK (a)	2	5	2	0	0	0

* Sex re-evaluated Day 1
(a) All live pups with milk unless otherwise noted
(b) Missing, presumed cannibalized
(c) No pups remain

NOT SUBJECTED TO

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG226
PARTURITION: 14-MAR-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1 *		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	8	7	9	7	9	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	8	7	9	7	9	7	9	7	9	5	5	5	5	5	5	5	5	4	4	4	4	4	4
WITHOUT MILK (b)	8	8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAISED UMBILICAL AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1

* Pup sex re-evaluated Day 1
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG226 (continued)
PARTURITION: 14-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APPARENT UMBILICAL HERNIA	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX 1A - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG227
PARTURITION: 17-MAR-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	10	5	8	4	7	4	6	2	4	2	1	2	1	2	1	2	1	2	1	2	1	2	1
TOTAL FOUND DEAD	0	0	1	0	0	0	0	1	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL FOUND DEAD (P.M.)	1	2	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	10	5	8	4	7	4	6	2	4	2	1	2	1	2	1	2	1	2	1	2	1	1	1
WITHOUT MILK (b)	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMACIATED AND IRREGULAR BREATHING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

[illegible]
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[illegible]AUDIT

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: [redacted]27 (continued)
PARTURITION: 17-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
THIN HAIR COAT	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG293
DELIVERY IN PROGRESS: 13-MAR-90 (3 live pups present)
PARTURITION: 14-MAR-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	12	6	10	3	9	2	7	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1
TOTAL FOUND DEAD	0	0	2	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL FOUND DEAD (P.M.)	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	12	6	10	3	9	2	7	1	5	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1
WITHOUT MILK (b)	2	3	5	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAISED UMBILICAL AREA	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG293 (continued)
PARTURITION: 14-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	1	4	1	4	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
THIN HAIR COAT	0	0	0	0	0	0	0	0	5	1	5	1	5	1	5	1	5	1	0	0
RAISED UMBILICAL AREA	1	0	1	0	1	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0
BOTH EYES 25% OPACITY	0	0	0	0	0	0	0	0	4	1	4	1	4	1	4	1	4	1	4	1
RIGHT EYE 25% OPACITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG315
DELIVERY IN PROGRESS: 16-MAR-90 (16 live pups present)
PARTURITION: 17-MAR-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	9	7	9	7	8	7	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	9	7	9	7	8	7	8	6	8	5	4	5	4	5	4	5	4	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION CRANIUM	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG315 (continued)
PARTURITION: 17-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: HCG273
PARTURITION: 31-MAR-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	9	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	9	4	6	4	6	4	6	4	6	4	6	4	6	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAISED UMBILICAL AREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1

(a) Animals not culled, as per protocol, litter equals 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AA - INDIVIDUAL OFFSPRING OBSERVATIONS - F1B CONT.

DOSE GROUP: 500 MG/KG

AM NUMBER: HCG273 (continued)
ARTURITION: 31-MAR-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAISED UMBILICAL AREA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

MULTI- ATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

APPENDIX BB - INDIVIDUAL OFFSPRING SURVIVAL DATA - F1A

Dose MG/KG	Female ID	Total Pups Born	Live Day 0	Day 4 Live (Precull)	Day 4 Live (Postcull)	Live Day 7	Live Day 14	Live Day 21
0	HCG222	11	11	11	10	10	10	10
	HCG224	17	17	17	8	8	8	8
	HCG321	14	14	14	10	10	10	10
	HCG251	17	17	17	10	10	10	10
	HCG274	17	15	15	10	10	10	10
	HCG256	12	11	11	10	10	10	10
	HCG237	14	14	14	10	10	10	10
	HCG236X							
	HCG287	14	14	14	10	10	10	10
	HCG336	13	13	13	10	10	10	10
	HCG280	11	11	11	10	10	10	10
	HCG322	15	15	15	10	10	10	10
	HCG250	15	15	15	10	10	10	10
	HCG219	6	6	6	6	6	6	6
	HCG235X							
	HCG272	11	11	11	6	6	6	6
	HCG313	7	7	7	7	7	7	7
	HCG338	7	7	7	7	7	7	7
	HCG281	15	15	15	9	9	9	9
	HCG319X							
	HCG207	18	18	18	10	10	10	10
	HCG286	9	9	9	9	9	9	9
	HCG271	13	13	13	10	10	10	10
	HCG261	13	12	12	10	10	10	10
	HCG229X							
	HCG218	16	16	15	10	10	10	10
	HCG247	17	17	16	10	10	10	10
	HCG308X							
	HCG297	14	14	14	9	9	9	9
	HCG267X							

APPENDIX BB - INDIVIDUAL OFFSPRING SURVIVAL DATA - F1A CONT.

Dose MG/KG	Female ID	Total Pups Born	Live Day 0	Day 4 Live (Precull)	Day 4 Live (Postcull)	Live Day 7	Live Day 14	Live Day 21
50	HCG340	14	14	14	10	10	10	10
	HCG334	19	18	13	9	9	9	9
	HCG311	14	14	14	10	10	10	10
	HCG282	16	15	15	10	10	10	10
	HCG212	15	15	15	10	10	10	10
	HCG245	12	12	12	10	10	10	10
	HCG326X							
	HCG257X							
	HCG264	18	18	18	10	10	10	10
	HCG333	17	17	17	10	10	10	10
	HCG278	17	17	17	10	10	10	10
	HCG332	14	14	14	10	10	10	10
	HCG327	14	14	14	10	10	10	10
	HCG241	18	18	18	10	10	10	10
	HCG318	5	5	5	5	5	5	5
	HCG231	16	15	15	10	10	10	10
	HCG283X							
	HCG244	15	14	14	10	10	10	10
	HCG214	17	17	16	10	10	10	10
	HCG269	17	17	16	10	10	10	10
	HCG243X							
	HCG290	11	11	11	8	8	8	8
	HCG301	13	13	13	10	10	10	10
	HCG208	17	17	17	10	10	10	10
	HCG233X							
	HCG232	13	13	13	10	10	10	10
	HCG325	9	9	9	9	9	9	9
	HCG305	9	9	9	9	9	9	9
	HCG234	18	18	18	10	10	10	10
	HCG298	15	15	15	10	10	10	10

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APPENDIX BB - INDIVIDUAL OFFSPRING SURVIVAL DATA - F1A CONT.

Dose MG/KG	Female ID	Total Pups Born	Live Day 0	Day 4 Live (Precull)	Day 4 Live (Postcull)	Live Day 7	Live Day 14	Live Day 21
160	HCG215	14	11	11	10	10	10	10
	HCG220	15	15	14	10	10	10	10
	HCG316	10	10	10	10	10	10	10
	HCG296	16	16	16	10	10	10	10
	HCG275X							
	HCG329a	16	15	15	10	10	10	E
	HCG260	13	13	13	10	10	10	10
	HCG295	13	12	12	9	9	9	9
	HCG240	14	14	14	10	10	10	10
	HCG291	15	14	14	10	10	10	10
	HCG335	15	12	12	9	9	9	9
	HCG238X							
	HCG258	4	4	4	4	4	4	4
	HCG330X							
	HCG277	15	15	14	8	8	8	8
	HCG317	17	17	17	10	10	10	10
	HCG221	16	16	16	10	10	10	10
	HCG331	14	14	14	10	10	10	10
	HCG339	13	13	13	10	10	10	10
	HCG323X							
	HCG307	4	4	4	4	4	4	4
	HCG314X							
	HCG225	17	17	17	10	10	10	10
	HCG217X							
	HCG263	16	16	16	10	10	10	10
	HCG254	8	8	8	8	8	8	8
	HCG242	18	18	18	10	10	10	10
	HCG304	14	14	14	10	10	10	10
	HCG276X							
	HCG302	15	12	12	7	7	7	7

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APPENDIX BB - INDIVIDUAL OFFSPRING SURVIVAL DATA - F1A CONT.

Dose MG/KG	Female ID	Total Pups Born	Live Day 0	Day 4 Live (Precull)	Day 4 Live (Postcull)	Live Day 7	Live Day 14	Live Day 21
500	HCG248	14	14	14	10	10	10	10
	HCG294	10	10	10	10	10	10	10
	HCG262X							
	HCG309	13	12	0	E			
	HCG252	16	14	14	10	10	10	10
	HCG255	13	10	10	10	9	9	9
	HCG337X							
	HCG288	10	0	E				
	HCG270	17	17	17	10	10	8	7
	HCG211	6	6	6	6	6	6	6
	HCG300	14	14	11	10	10	10	10
	HCG320	6	6	6	6	6	6	6
	HCG266	18	10	5	5	3	2	2
	HCG213X							
	HCG210	9	9	9	9	9	9	9
	HCG306	15	12	11	8	8	7	7
	HCG299	16	15	0	E			
	HCG268X							
	HCG226	3	3	3	3	3	3	3
	HCG312	14	14	3	3	3	3	3
	HCG253	11	9	0	E			
	HCG284X							
	HCG227	16	15	9	9	9	9	9
	HCG293	15	15	15	10	10	10	9
	HCG259	15	15	14	10	10	10	10
	HCG230	10	1	0	E			
	HCG315	17	16	16	9	9	9	9
	HCG273	12	12	10	10	9	9	9
	HCG209X							
	HCG292	18	18	9	9	8	8	8

Footnotes:

X = Animal killed, did not deliver
a = Litter inadvertantly euthanized on Day 20
E = End of data

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APPENDIX CC - INDIVIDUAL OFFSPRING SURVIVAL DATA - F1B

Dose MG/KG	Female ID	Total Pups Born	Live Day 0	Day 4 Live (Precull)	Day 4 Live (Postcull)	Live Day 7	Live Day 14	Live Day 21
0	HCG222	13	13	13	10	10	10	10
	HCG224D							
	HCG321	11	11	11	10	10	10	10
	HCG251	19	18	18	10	10	10	10
	HCG274	13	13	13	8	8	8	8
	HCG256	5	5	5	5	5	5	5
	HCG237	15	13	13	10	10	10	10
	HCG236X							
	HCG287D							
	HCG336	12	12	12	10	10	10	10
	HCG280	4	4	4	4	4	4	4
	HCG322	16	16	16	10	10	10	10
	HCG250D							
	HCG219	18	18	18	10	10	10	10
	HCG235X							
	HCG272D							
	HCG313D							
	HCG338	15	15	15	10	10	10	10
	HCG281D							
	HCG207D							
	HCG286	14	14	13	10	10	10	10
	HCG271	9	9	9	9	9	9	9
	HCG261D							
	HCG229X							
	HCG218	13	13	13	10	10	10	10
	HCG247	13	10	10	10	10	10	10
	HCG308X							
	HCG297	18	18	18	10	10	10	10
	HCG267X							

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APPENDIX CC - INDIVIDUAL OFFSPRING SURVIVAL DATA - F1B CONT.

Dose MG/KG	Female ID	Total Pups Born	Live Day 0	Day 4 Live (Precull)	Day 4 Live (Postcull)	Live Day 7	Live Day 14	Live Day 21
50	HCG340	16	16	16	10	10	10	10
	HCG334	17	17	17	10	10	10	10
	HCG311	16	16	16	10	10	10	10
	HCG282D							
	HCG212	15	15	15	10	10	10	10
	HCG245	14	14	14	10	10	10	10
	HCG326X							
	HCG257X							
	HCG264	15	14	13	10	10	10	9
	HCG333D							
	HCG278	17	17	16	10	10	10	10
	HCG332	18	18	18	10	10	10	10
	HCG327	12	12	12	10	10	10	10
	HCG241D							
	HCG318D							
	HCG231D							
	HCG283X							
	HCG244	8	8	8	8	8	8	8
	HCG214	10	10	9	9	9	9	9
	HCG269	15	15	14	9	9	9	9
	HCG243X							
	HCG290	16	16	15	10	10	10	10
	HCG301	15	15	15	10	10	10	10
	HCG208D							
	HCG233X							
	HCG232D							
	HCG325	5	5	5	5	5	5	5
	HCG305D							
	HCG234	16	15	15	9	9	9	9
	HCG298D							

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APPENDIX CC - INDIVIDUAL OFFSPRING SURVIVAL DATA - F1B CONT.

Dose MG/KG	Female ID	Total Pups Born	Live Day 0	Day 4 Live (Precull)	Day 4 Live (Postcull)	Live Day 7	Live Day 14	Live Day 21
160	HCG215	16	16	16	10	10	10	10
	HCG220	13	13	13	10	10	10	10
	HCG316	14	14	14	10	10	10	10
	HCG296	16	16	15	10	10	10	10
	HCG275X							
	HCG329	18	17	16	10	10	10	10
	HCG260	17	17	17	9	9	9	9
	HCG295	15	15	12	10	10	10	10
	HCG240	17	17	17	10	10	10	10
	HCG291	12	12	12	10	10	10	10
	HCG335D							
	HCG238X							
	HCG258	9	9	9	9	9	9	8
	HCG330X							
	HCG277D							
	HCG317D							
	HCG221	17	16	16	10	10	10	10
	HCG331	17	17	17	10	10	10	10
	HCG339	16	16	15	10	10	10	10
	HCG323X							
	HCG307	15	15	15	10	10	10	10
	HCG314X							
	HCG225D							
	HCG217X							
	HCG263D							
	HCG254	13	13	13	10	10	10	10
	HCG242D							
	HCG304	6	6	6	6	6	6	6
	HCG276X							
	HCG302	9	9	9	9	9	9	9

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APPENDIX CC - INDIVIDUAL OFFSPRING SURVIVAL DATA - F1B CONT.

Dose MG/KG	Female ID	Total Pups Born	Live Day 0	Day 4 Live (Precull)	Day 4 Live (Postcull)	Live Day 7	Live Day 14	Live Day 21
500	HCG248	11	11	11	8	8	8	8
	HCG294D							
	HCG262X							
	HCG309D							
	HCG252	18	18	16	10	8	5	5
	HCG255	18	18	0	E			
	HCG337X							
	HCG288	9	4	0	E			
	HCG270	14	14	12	10	10	9	9
	HCG211	13	12	12	8	8	8	8
	HCG300	13	13	13	10	10	10	10
	HCG320	5	5	5	5	5	5	5
	HCG266	8	8	8	8	8	8	8
	HCG213X							
	HCG210	12	12	10	10	9	9	9
	HCG306D							
	HCG239	13	13	0	E			
	HCG268X							
	HCG226	16	16	16	10	10	10	10
	HCG312D							
	HCG253D							
	HCG284X							
	HCG227	17	17	6	6	3	2	2
	HCG293	18	18	6	6	6	6	6
	HCG259D							
	HCG230D							
	HCG315	18	16	14	10	10	10	10
	HCG273	13	13	10	10	10	10	10
	HCG209X							
	HCG292D							

Footnotes:

D = Animal did not deliver
X = Animal dead
E = End of data

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APPENDIX DD - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F1A

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
0	HCG222	100.0	100.0	100.0	100.0	100.0	100.0
	HCG224	100.0	100.0	100.0	100.0	100.0	100.0
	HCG321	100.0	100.0	100.0	100.0	100.0	100.0
	HCG251	100.0	100.0	100.0	100.0	100.0	100.0
	HCG274	88.2	100.0	100.0	100.0	100.0	100.0
	HCG256	91.7	100.0	100.0	100.0	100.0	100.0
	HCG237	100.0	100.0	100.0	100.0	100.0	100.0
	HCG236X						
	HCG287	100.0	100.0	100.0	100.0	100.0	100.0
	HCG336	100.0	100.0	100.0	100.0	100.0	100.0
	HCG280	100.0	100.0	100.0	100.0	100.0	100.0
	HCG322	100.0	100.0	100.0	100.0	100.0	100.0
	HCG250	100.0	100.0	100.0	100.0	100.0	100.0
	HCG219	100.0	100.0	100.0	100.0	100.0	100.0
	HCG235X						
	HCG272	100.0	100.0	100.0	100.0	100.0	100.0
	HCG313	100.0	100.0	100.0	100.0	100.0	100.0
	HCG338	100.0	100.0	100.0	100.0	100.0	100.0
	HCG281	100.0	100.0	100.0	100.0	100.0	100.0
	HCG319X						
	HCG207	100.0	100.0	100.0	100.0	100.0	100.0
	HCG286	100.0	100.0	100.0	100.0	100.0	100.0
	HCG271	100.0	100.0	100.0	100.0	100.0	100.0
	HCG261	92.3	100.0	100.0	100.0	100.0	100.0
	HCG229X						
	HCG218	100.0	93.8	100.0	100.0	100.0	100.0
	HCG247	100.0	94.1	100.0	100.0	100.0	100.0
	HCG308X						
	HCG297	100.0	100.0	100.0	100.0	100.0	100.0
	HCG267X						

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APPENDIX DD - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F1A CONT.

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
50	HCG340	100.0	100.0	100.0	100.0	100.0	100.0
	HCG334	94.7	72.2	100.0	100.0	100.0	100.0
	HCG311	100.0	100.0	100.0	100.0	100.0	100.0
	HCG282	93.8	100.0	100.0	100.0	100.0	100.0
	HCG212	100.0	100.0	100.0	100.0	100.0	100.0
	HCG245	100.0	100.0	100.0	100.0	100.0	100.0
	HCG326X						
	HCG257X						
	HCG264	100.0	100.0	100.0	100.0	100.0	100.0
	HCG333	100.0	100.0	100.0	100.0	100.0	100.0
	HCG278	100.0	100.0	100.0	100.0	100.0	100.0
	HCG332	100.0	100.0	100.0	100.0	100.0	100.0
	HCG327	100.0	100.0	100.0	100.0	100.0	100.0
	HCG241	100.0	100.0	100.0	100.0	100.0	100.0
	HCG318	100.0	100.0	100.0	100.0	100.0	100.0
	HCG231	93.8	100.0	100.0	100.0	100.0	100.0
	HCG283X						
	HCG244	93.3	100.0	100.0	100.0	100.0	100.0
	HCG214	100.0	94.1	100.0	100.0	100.0	100.0
	HCG269	100.0	94.1	100.0	100.0	100.0	100.0
	HCG243X						
	HCG290	100.0	100.0	100.0	100.0	100.0	100.0
	HCG301	100.0	100.0	100.0	100.0	100.0	100.0
	HCG208	100.0	100.0	100.0	100.0	100.0	100.0
	HCG233X						
	HCG232	100.0	100.0	100.0	100.0	100.0	100.0
	HCG325	100.0	100.0	100.0	100.0	100.0	100.0
	HCG305	100.0	100.0	100.0	100.0	100.0	100.0
	HCG234	100.0	100.0	100.0	100.0	100.0	100.0
	HCG298	100.0	100.0	100.0	100.0	100.0	100.0

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APPENDIX DD - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F1A CONT.

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
160	HCG215	78.6	100.0	100.0	100.0	100.0	100.0
	HCG220	100.0	93.3	100.0	100.0	100.0	100.0
	HCG316	100.0	100.0	100.0	100.0	100.0	100.0
	HCG256	100.0	100.0	100.0	100.0	100.0	100.0
	HCG275X						
	HCG329a	93.8	100.0	100.0	100.0		
	HCG260	100.0	100.0	100.0	100.0	100.0	100.0
	HCG295	92.3	100.0	100.0	100.0	100.0	100.0
	HCG240	100.0	100.0	100.0	100.0	100.0	100.0
	HCG291	93.3	100.0	100.0	100.0	100.0	100.0
	HCG335	80.0	100.0	100.0	100.0	100.0	100.0
	HCG238X						
	HCG258	100.0	100.0	100.0	100.0	100.0	100.0
	HCG330X						
	HCG277	100.0	93.3	100.0	100.0	100.0	100.0
	HCG317	100.0	100.0	100.0	100.0	100.0	100.0
	HCG221	100.0	100.0	100.0	100.0	100.0	100.0
	HCG331	100.0	100.0	100.0	100.0	100.0	100.0
	HCG339	100.0	100.0	100.0	100.0	100.0	100.0
	HCG323X						
	HCG307	100.0	100.0	100.0	100.0	100.0	100.0
	HCG314X						
	HCG225	100.0	100.0	100.0	100.0	100.0	100.0
	HCG217X						
	HCG263	100.0	100.0	100.0	100.0	100.0	100.0
	HCG254	100.0	100.0	100.0	100.0	100.0	100.0
	HCG242	100.0	100.0	100.0	100.0	100.0	100.0
	HCG304	100.0	100.0	100.0	100.0	100.0	100.0
	HCG276X						
	HCG302	80.0	100.0	100.0	100.0	100.0	100.0

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APPENDIX DD - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F1A CONT.

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
500	HCG248	100.0	100.0	100.0	100.0	100.0	100.0
	HCG294	100.0	100.0	100.0	100.0	100.0	100.0
	HCG262X						
	HCG309	92.3	0.0				
	HCG252	87.5	100.0	100.0	100.0	100.0	100.0
	HCG255	76.9	100.0	90.0	100.0	100.0	90.0
	HCG337X						
	HCG288	0.0					
	HCG270	100.0	100.0	100.0	80.0	87.5	70.0
	HCG211	100.0	100.0	100.0	100.0	100.0	100.0
	HCG300	100.0	78.6	100.0	100.0	100.0	100.0
	HCG320	100.0	100.0	100.0	100.0	100.0	100.0
	HCG266	55.6	50.0	60.0	66.7	100.0	40.0
	HCG213X						
	HCG210	100.0	100.0	100.0	100.0	100.0	100.0
	HCG306	80.0	91.7	100.0	87.5	100.0	87.5
	HCG299	93.8	0.0				
	HCG268X						
	HCG226	100.0	100.0	100.0	100.0	100.0	100.0
	HCG312	100.0	21.4	100.0	100.0	100.0	100.0
	HCG253	81.8	0.0				
	HCG284X						
	HCG227	93.8	60.0	100.0	100.0	100.0	100.0
	HCG293	100.0	100.0	100.0	100.0	90.0	90.0
	HCG259	100.0	93.3	100.0	100.0	100.0	100.0
	HCG230	10.0	0.0				
	HCG315	94.1	100.0	100.0	100.0	100.0	100.0
	HCG273	100.0	83.3	90.0	100.0	100.0	90.0
	HCG209X						
	HCG292	100.0	50.0	88.9	100.0	100.0	88.9

INDICES:

$$\text{Live Birth Index} = \frac{\text{Number of live pups at birth}}{\text{Number of pups born}} \times 100$$

$$\text{Day 4 survival Index} = \frac{\text{Number of live pups at day 4 (precull)}}{\text{Number of live pups at birth}} \times 100$$

$$\text{Day 7 survival Index} = \frac{\text{Number of live pups at day 7}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

$$\text{Day 14 survival Index} = \frac{\text{Number of live pups at day 14}}{\text{Number of live pups at day 7}} \times 100$$

$$\text{Day 21 survival Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 14}} \times 100$$

$$\text{Lactation Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

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APPENDIX EE - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F1B

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
0	HCG222	100.0	100.0	100.0	100.0	100.0	100.0
	HCG224X						
	HCG321	100.0	100.0	100.0	100.0	100.0	100.0
	HCG251	94.7	100.0	100.0	100.0	100.0	100.0
	HCG274	100.0	100.0	100.0	100.0	100.0	100.0
	HCG256	100.0	100.0	100.0	100.0	100.0	100.0
	HCG237	86.7	100.0	100.0	100.0	100.0	100.0
	HCG236X						
	HCG287X						
	HCG336	100.0	100.0	100.0	100.0	100.0	100.0
	HCG280	100.0	100.0	100.0	100.0	100.0	100.0
	HCG322	100.0	100.0	100.0	100.0	100.0	100.0
	HCG250X						
	HCG219	100.0	100.0	100.0	100.0	100.0	100.0
	HCG235X						
	HCG272X						
	HCG313X						
	HCG338	100.0	100.0	100.0	100.0	100.0	100.0
	HCG281X						
	HCG207X						
	HCG286	100.0	92.9	100.0	100.0	100.0	100.0
	HCG271	100.0	100.0	100.0	100.0	100.0	100.0
	HCG261X						
	HCG229X						
	HCG218	100.0	100.0	100.0	100.0	100.0	100.0
	HCG247	76.9	100.0	100.0	100.0	100.0	100.0
	HCG308X						
	HCG297	100.0	100.0	100.0	100.0	100.0	100.0
	HCG267X						

APPENDIX EE - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F1B

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
50	HCG340	100.0	100.0	100.0	100.0	100.0	100.0
	HCG334	100.0	100.0	100.0	100.0	100.0	100.0
	HCG311	100.0	100.0	100.0	100.0	100.0	100.0
	HCG282X						
	HCG212	100.0	100.0	100.0	100.0	100.0	100.0
	HCG245	100.0	100.0	100.0	100.0	100.0	100.0
	HCG326X						
	HCG257X						
	HCG264	93.3	92.9	100.0	100.0	90.0	90.0
	HCG333X						
	HCG278	100.0	94.1	100.0	100.0	100.0	100.0
	HCG332	100.0	100.0	100.0	100.0	100.0	100.0
	HCG327	100.0	100.0	100.0	100.0	100.0	100.0
	HCG241X						
	HCG318X						
	HCG231X						
	HCG283X						
	HCG244	100.0	100.0	100.0	100.0	100.0	100.0
	HCG214	100.0	90.0	100.0	100.0	100.0	100.0
	HCG269	100.0	93.3	100.0	100.0	100.0	100.0
	HCG[illegible]X						
	HCG[illegible]0	100.0	93.8	100.0	100.0	100.0	100.0
	HCG[illegible]01	100.0	100.0	100.0	100.0	100.0	100.0
	HCG208X						
	HCG233X						
	HCG232X						
	HCG325	100.0	100.0	100.0	100.0	100.0	100.0
	HCG305X						
	HCG234	93.8	100.0	100.0	100.0	100.0	100.0
	HCG298X						

APPENDIX EE - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F1B

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
160	HCG215	100.0	100.0	100.0	100.0	100.0	100.0
	HCG220	100.0	100.0	100.0	100.0	100.0	100.0
	HCG316	100.0	100.0	100.0	100.0	100.0	100.0
	HCG296	100.0	93.8	100.0	100.0	100.0	100.0
	HCG275X						
	HCG329	94.4	94.1	100.0	100.0	100.0	100.0
	HCG260	100.0	100.0	100.0	100.0	100.0	100.0
	HCG295	100.0	80.0	100.0	100.0	100.0	100.0
	HCG240	100.0	100.0	100.0	100.0	100.0	100.0
	HCG291	100.0	100.0	100.0	100.0	100.0	100.0
	HCG335X						
	HCG238X						
	HCG258	100.0	100.0	100.0	100.0	88.9	88.9
	HCG330X						
	HCG277X						
	HCG317X						
	HCG221	94.1	100.0	100.0	100.0	100.0	100.0
	HCG331	100.0	100.0	100.0	100.0	100.0	100.0
	HCG339	100.0	93.8	100.0	100.0	100.0	100.0
	HCG323X						
	HCG307	100.0	100.0	100.0	100.0	100.0	100.0
	HCG314X						
	HCG225X						
	HCG217X						
	HCG263X						
	HCG254	100.0	100.0	100.0	100.0	100.0	100.0
	HCG242X						
	HCG304	100.0	100.0	100.0	100.0	100.0	100.0
	HCG276X						
	HCG302	100.0	100.0	100.0	100.0	100.0	100.0

APPENDIX EE - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F1B

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
500	HCG248	100.0	100.0	100.0	100.0	100.0	100.0
	HCG294X						
	HCG262X						
	HCG309X						
	HCG252	100.0	88.9	80.0	62.5	100.0	50.0
	HCG255	100.0	0.0				
	HCG337X						
	HCG288	44.4	0.0				
	HCG270	100.0	85.7	100.0	90.0	100.0	90.0
	HCG211	92.3	100.0	100.0	100.0	100.0	100.0
	HCG300	100.0	100.0	100.0	100.0	100.0	100.0
	HCG320	100.0	100.0	100.0	100.0	100.0	100.0
	HCG266	100.0	100.0	100.0	100.0	100.0	100.0
	HCG213X						
	HCG210	100.0	83.3	90.0	100.0	100.0	90.0
	HCG306X						
	HCG299	100.0	0.0				
	HCG268X						
	HCG226	100.0	100.0	100.0	100.0	100.0	100.0
	HCG312X						
	HCG253X						
	HCG284X						
	HCG227	100.0	35.3	50.0	66.7	100.0	33.3
	HCG293	100.0	33.3	100.0	100.0	100.0	100.0
	HCG259X						
	HCG230X						
	HCG315	100.0	87.5	100.0	100.0	100.0	100.0
	HCG273	100.0	76.9	100.0	100.0	100.0	100.0
	HCG209X						
	HCG292X						

INDICES:

$$\text{Live Birth Index} = \frac{\text{Number of live pups at birth}}{\text{Number of pups born}} \times 100$$

$$\text{Day 4 survival Index} = \frac{\text{Number of live pups at day 4 (precull)}}{\text{Number of live pups at birth}} \times 100$$

$$\text{Day 7 survival Index} = \frac{\text{Number of live pups at day 7}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

$$\text{Day 14 survival Index} = \frac{\text{Number of live pups at day 14}}{\text{Number of live pups at day 7}} \times 100$$

$$\text{Day 21 survival Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 14}} \times 100$$

$$\text{Lactation Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG		
HCG222	M	5.98 5.91 6.02 5.78 5.83 6.72
HCG222	F	5.87 5.93 5.79 5.52 5.32
HCG224	M	7.18 7.05 6.95 7.48 6.39 6.16 6.90 6.30 7.01 6.50 6.06 6.62
HCG224	F	5.74 6.34 6.36
HCG321	M	6.79 6.82 6.51 6.64 6.32 6.94
HCG321	F	6.27 6.22 7.07 5.42 5.93 6.42 6.24 5.52
HCG251	M	8.03 7.70 6.36 6.00 6.06 7.25 6.20
HCG251	F	3.84 6.28 6.38 5.97 6.41 5.76 6.41 6.35 5.89 7.02
HCG274	M	5.74 5.46 7.77 5.97 7.15 5.65
HCG274	F	5.38 6.00 7.37 6.04 5.98 6.75 6.10 5.48 5.91
HCG256	M	7.39 7.38 6.99 7.90 7.32 7.82
HCG256	F	7.80 7.71 5.99 6.84 7.12
HCG237	M	7.57 6.39 7.23 7.03 6.55 7.24 6.57
HCG237	F	6.04 6.55 6.07 6.20 6.19 7.09 6.43
HCG236b		
HCG287	M	7.00 7.18 6.27 6.78 6.64 6.36 6.22 6.87 6.27
HCG287	F	5.67 6.51 5.98 5.92 6.95
HCG336	M	7.94 7.18 7.20 7.75 7.19
HCG336	F	6.50 7.40 6.86 6.65 6.61 6.64 6.97 6.62
HCG280	M	7.83 7.36 7.66 8.19 7.92 6.69
HCG280	F	7.66 6.60 7.69 5.92 7.17
HCG322	M	6.80 6.58 6.91 6.09 7.34 7.14 7.25 6.83 7.51
HCG322	F	6.61 6.89 4.79 6.62 6.69 6.50
HCG250	M	6.08 6.36 5.95 6.47 5.87 5.30 6.45 4.40 5.83
HCG250	F	5.36 6.19 5.53 6.04 5.62 6.18
HCG219	M	7.76 7.93
HCG219	F	7.71 7.54 7.88 7.69
HCG235b		
HCG272	M	5.59
HCG272	F	6.24 7.06 6.72 7.15 7.14 6.80 5.81 6.16 5.35 7.29
HCG313	M	7.62 7.78 8.63 7.83
HCG313	F	8.58 9.33 7.08
HCG338	M	8.27 8.33 8.59
HCG338	F	7.75 7.91 7.82 8.12
HCG281	M	8.01 7.91 7.00 7.08
HCG281	F	7.11 7.54 7.22 7.51 7.81 7.33 6.81 7.07 7.13 7.54 7.32
HCG319b		

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)										
GROUP 1 - 0 MG/KG CONT.												
HCG207	M	7.10	8.72	7.07	7.53	7.61	8.10	7.25	7.36	6.84	8.83	8.21
HCG207	F	6.74	6.93	7.65	7.48	4.66	7.59	8.62				
HCG286	M	6.93	7.32	7.13	7.58	7.05	6.94	7.23	6.96	7.08		
HCG286	Fd											
HCG271	M	5.11	6.69	6.22	6.72	6.86	6.41	6.34	6.08	6.13		
HCG271	F	6.35	6.24	6.21	6.02							
HCG261	M	8.32	8.20	8.23	8.84	8.24	7.76					
HCG261	F	7.45	6.62	6.53	6.93	6.74	7.79					
HCG229b												
HCG218	M	6.14	6.16	6.44	6.08	6.24	5.32	5.97	5.77	5.86		
HCG218	F	6.05	5.81	5.93	5.38	5.80	5.67	5.63				
HCG247	M	4.36	6.08	5.99	5.29	6.20	6.75	5.88	5.21			
HCG247	F	3.83	4.98	6.22	6.32	4.62	5.72	5.44	4.75	6.20		
HCG308b												
HCG297	M	6.70	6.55	6.08	6.31	6.09	7.04	7.13	7.16	5.97	6.60	
HCG297	F	7.01	7.27	6.67	6.56							
HCG267b												

NOTES: a = Animal dead
b = Animal did not deliver
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f = No female pups remain
g = No male pups remain

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
HCG340	M	5.50 5.68 4.56 5.83 5.71 4.80
HCG340	F	5.30 5.50 5.52 5.55 4.24 4.99 5.37 4.36
HCG334	M	5.70 5.92 5.11 4.82 5.60 4.98 5.30 5.25
HCG334	F	4.39 4.89 5.08 5.23 4.49 5.25 4.83 5.00 5.42 5.09
HCG311	M	6.85 6.35 6.62 7.02 6.61 6.70 6.47 5.66 7.06
HCG311	F	6.21 6.49 6.76 6.39 6.59
HCG282	M	5.73 6.67 6.14 6.20 6.21 6.66 5.83
HCG282	F	5.82 5.85 5.89 6.29 5.75 5.64 6.74 6.20
HCG212	M	6.56 6.88 6.59 6.91 6.11 7.00 7.01
HCG212	F	7.26 6.83 6.26 6.63 7.20 6.39 6.94 5.75
HCG245	M	6.72 7.76 7.49 7.49 7.80 7.27 8.45
HCG245	F	6.40 7.54 6.76 7.10 7.13
HCG326b		
HCG257b		
HCG264	M	5.37 6.24 6.17 6.31 6.76 6.27
HCG264	F	5.33 6.10 5.32 5.34 5.76 5.60 6.19 6.36 6.37 6.03 6.21 5.58
HCG333	M	5.94 5.71 6.56 5.79 5.43 6.13 5.94 5.92 5.93
HCG333	F	5.53 5.79 5.25 5.99 5.53 5.68 5.70 6.21
HCG278	M	7.05 6.82 5.17 6.41 7.31 7.20 7.06 6.85 7.22
HCG278	F	6.64 6.74 6.22 6.52 6.51 6.80 6.57 7.04
HCG332	M	5.76 6.13 6.94 6.09 6.70 6.40
HCG332	F	6.64 5.68 5.42 6.02 5.72 6.21 6.18 6.10
HCG327	M	5.93 6.32 6.54 7.18 6.81 6.81 6.66
HCG327	F	6.99 6.15 6.27 6.58 5.79 6.18 6.48
HCG241	M	5.26 6.26 5.71 6.60 5.62 6.03 6.19 5.19 5.98
HCG241	F	6.47 5.45 6.01 5.60 5.83 5.87 5.19 5.86 6.26
HCG318	M	8.40 7.56 9.08
HCG318	F	7.82 8.34
HCG231	M	6.27 5.53 5.50 6.10 6.29 6.27 5.52 6.24 5.95 6.00
HCG231	F	5.82 6.26 5.56 5.89 5.97
HCG283b		
HCG244	M	7.13 6.72 7.72 7.87 6.89 7.00
HCG244	F	6.10 6.66 5.97 6.55 6.11 6.47 5.91 3.68
HCG214	M	7.19 6.99 6.44 7.01 6.26 7.11 6.71 7.22 6.10
HCG214	F	5.93 6.08 6.31 6.36 6.47 6.36 4.98 5.74
HCG269	M	6.77 6.74 5.95 6.54 6.84 6.60 6.14
HCG269	F	5.01 5.74 6.18 6.16 5.49 5.80 5.67 6.37 5.05 5.88
HCG243b		

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG CONT.		
HCG290	M	7.07 7.27 6.99
HCG290	F	5.84 6.77 6.37 6.03 6.65 6.40 7.12 6.11
HCG301	M	6.72 6.77 6.66 6.66 6.74 7.12
HCG301	F	6.30 6.58 6.39 6.69 6.56 6.67 6.50
HCG208	M	6.58 5.86 6.05 6.70 6.65 6.20 6.30 6.56
HCG208	F	5.99 6.43 6.03 6.31 6.56 5.93 5.41 6.77 6.37
HCG233b		
HCG232	M	5.80 6.03 6.66 6.05 6.61 6.63
HCG232	F	6.07 5.56 5.91 6.25 5.98 6.15 6.22
HCG325	M	7.56 8.32 6.53
HCG325	F	6.85 7.31 6.35 7.31 7.16 7.30
HCG305	M	7.85 7.39
HCG305	F	7.21 6.93 6.83 7.41 7.03 7.30 7.61
HCG234	M	7.68 6.86 7.24 7.65 7.56 7.71 7.52 6.57 7.45 7.23 7.16 6.73
HCG234	F	7.70 6.98 6.28 7.45 6.28 7.43
HCG298	M	5.97 5.88 5.84 5.56 5.65 6.41 5.66 5.55
HCG298	F	5.35 5.45 5.38 5.02 5.00 5.32 5.38

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f = No female pups remain
g = No male pups remain

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)										
GROUP 3 - 160 MG/KG												
HCG215	M	7.65	7.01	7.50	7.35	7.64						
HCG215	F	6.92	7.40	7.42	7.22	6.85	6.80					
HCG220	M	6.11	5.75	5.78	6.24	5.99	6.33	5.55	6.01	5.89		
HCG220	F	5.87	6.21	4.97	5.49	6.08	5.50					
HCG316	M	6.98	7.48	6.46	7.32							
HCG316	F	7.02	6.78	6.72	6.84	6.37	5.94					
HCG296	M	5.85	6.42	6.00	6.68	6.37	5.40					
HCG296	F	4.77	5.30	5.52	4.78	5.66	5.71	5.76	5.27	5.58	5.86	
HCG275b												
HCG329	M	7.13	6.83	7.19	7.03	7.34	6.86					
HCG329	F	6.65	6.76	6.46	6.73	6.12	6.98	6.30	6.86	7.35		
HCG260	M	7.40	7.14	6.02	5.90	6.61						
HCG260	F	6.75	7.41	6.07	7.23	6.61	7.91	6.19	6.56			
HCG295	M	5.63	6.09	6.46	5.79							
HCG295	F	5.93	5.72	5.75	5.61	5.41	6.11	5.68	5.90			
HCG240	M	7.12	7.15	7.11	6.99	7.21	7.35	6.70				
HCG240	F	6.59	5.67	6.88	6.73	5.87	6.23	6.95				
HCG291	M	6.42	6.34	6.96	6.95	6.37						
HCG291	F	6.27	5.69	5.69	6.71	6.46	6.38	6.15	6.69	6.67		
HCG335	M	6.16	7.03	7.67	6.90							
HCG335	F	7.05	7.28	6.75	5.81	6.10	7.22	6.60	7.36			
HCG238b												
HCG258	M	6.56										
HCG258	F	6.26	6.52	6.77								
HCG230b												
HCG277	M	5.98	6.00	5.00	5.54							
HCG277	F	5.41	5.45	5.28	4.52	6.17	5.70	6.20	5.39	5.79	5.81	6.07
HCG317	M	7.99	6.75	7.60	6.88	7.29	8.23	7.14	7.31			
HCG317	F	7.60	6.36	7.16	6.14	7.28	6.40	5.65	8.38	6.79		
HCG221	M	5.71	5.41	5.88	6.05	6.35	5.89	5.88	6.41	4.93	5.55	
HCG221	F	5.17	6.17	5.90	6.08	5.18	5.81					
HCG331	M	8.42	8.20	7.00	6.79	7.55						
HCG331	F	7.49	7.45	6.63	6.35	7.29	6.80	6.30	6.97	7.27		
HCG339	M	6.02	6.41	6.07	6.56	5.98	5.95	6.11				
HCG339	F	5.93	5.45	6.26	5.16	4.87	5.82					
HCG323b												
HCG307	M	7.64	7.99									
HCG307	F	7.28	7.42									

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG CONT.		
HCG314b		
HCG225	M	5.98 5.70 5.90 6.25 6.21 5.53 5.81 5.27 5.58 5.95
HCG225	F	5.76 5.09 5.11 5.44 5.57 4.82 6.01
HCG217b		
HCG263	M	6.72 6.27 6.44 5.77 6.47 5.36 5.86 6.25 6.46
HCG263	F	6.33 6.12 6.06 5.61 5.66 5.94 5.81
HCG254	M	7.67 7.01 7.28 7.89 7.57 7.84 7.42
HCG254	F	7.39
HCG242	M	6.47 6.78 6.71 7.06 6.92 6.08
HCG242	F	6.36 6.33 6.36 6.43 6.17 6.27 6.20 5.90 6.21 6.11 6.18 5.93
HCG304	M	5.54 5.88 5.75 6.36 6.96 6.28 5.27 6.00
HCG304	F	6.03 5.65 4.28 6.72 5.37 6.23
HCG276b		
HCG302	M	7.79 6.26
HCG302	F	6.30 6.67 6.02 6.51 5.36 7.41 6.69 6.29 6.50 5.71

NOTES: a = Animal dead
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s = Not recorded due to technician oversight
f = No female pups remain
g = No male pups remain

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NOT [illegible]

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
HCG248	M	7.59 7.44 7.06 7.46 7.78 7.27 7.31
HCG248	F	7.77 6.17 6.54 5.80 6.71 6.40 6.67
HCG294	M	5.89 6.04 5.62 6.03
HCG294	F	5.31 5.75 5.43 5.65 5.48 5.82
HCG262b		
HCG309	M	4.76 4.91 4.98 4.96 4.91 4.91 4.86 4.63 5.04
HCG309	F	4.58 4.29 4.54
HCG252	M	6.29 6.04 5.95 5.82 5.87 5.79 6.00 5.58
HCG252	F	5.71 6.71 5.61 5.35 5.80 5.50
HCG255	M	4.44 4.55 4.82 5.12 4.72
HCG255	F	4.44 4.40 4.43 4.77 4.72
HCG337b		
HCG288c		
HCG270	M	5.32 5.18 5.04 5.49 5.12 5.71 5.42 5.64 5.33
HCG270	F	4.97 4.95 5.56 4.60 4.98 5.14 4.46 4.65
HCG211	M	7.52 7.66 8.64
HCG211	F	7.56 7.52 7.10
HCG300	M	5.72 5.71 5.84 5.88 4.78 5.63 5.85
HCG300	F	5.58 5.69 5.24 5.61 5.50 5.74 5.47
HCG320	M	5.44
HCG320	F	6.15 5.62 5.72 5.21 5.43
HCG266	M	5.17 5.01 5.06 4.48
HCG266	F	4.33 4.78 4.57 4.39 4.63 4.10
HCG213b		
HCG210	M	6.42 6.54 6.73 6.55 6.56 6.37 6.85
HCG210	F	5.56 6.06
HCG306	M	4.74 4.93 4.95 4.61 4.52 5.29 5.04 5.11
HCG306	F	4.65 4.51 4.67 4.85
HCG299	M	4.78 4.58 4.55 4.44 5.32 5.05 4.57
HCG299	F	4.57 [illegible].21 4.11 4.58 4.67 4.14 4.44 4.68
HCG268b		
HCG226	M	6.67
HCG226	F	6.96 6.52
HCG312	M	5.50 4.86 5.60 5.39 5.19 5.18 5.45 5.88 5.97 4.98
HCG312	F	5.16 5.41 5.89 5.06
HCG253	M	5.20 5.02 4.89 4.99 5.08
HCG253	F	5.09 5.30 4.92 5.45
HCG284b		

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG CONT.		
HCG227	M	4.69 4.50 4.61 4.58 4.70 4.76
HCG227	F	4.65 4.66 4.83 4.40 4.31 4.08 4.44 4.41 4.49
HCG293	M	4.98 4.41 5.08 5.35 5.13
HCG293	F	5.24 4.46 4.71 4.34 5.07 4.68 4.80 4.71 5.09 4.79
HCG259	M	4.76 4.84 4.76 4.97 4.87 4.78
HCG259	F	4.55 4.32 4.34 4.60 4.60 4.59 4.82 4.05 4.66
HCG230	M	4.98
HCG230	Fd	
HCG315	M	5.38 5.12 5.43 4.98 5.47 5.97 5.41 5.34 5.26 5.21 5.63 5.40
HCG315	F	5.13 5.38 4.87 5.16
HCG273	M	5.37 6.38 6.21 5.46 6.25 6.33 5.27 5.25 5.57
HCG273	F	4.88 5.91 5.83
HCG209b		
HCG292	M	4.88 5.09 5.42 5.06 4.85 5.05 5.00 4.78 5.00 5.00 5.09 5.30 5.01
HCG292	F	4.99 4.77 4.70 4.66 4.74

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f = No female pups remain
g = No male pups remain

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG		
HCG222	M	6.27 7.09 6.37 5.93 6.33 6.32
HCG222	F	6.00 6.23 5.67 5.67 5.97
HCG224	M	6.41 7.39 7.62 7.30 6.55 6.54 8.18 7.75 7.13 7.47 6.62 7.43 7.48 6.81
HCG224	F	6.40 6.95 6.78
HCG321	M	7.41 7.46 7.53 7.56 7.20 6.69
HCG321	F	6.60 7.23 6.62 6.83 7.93 6.30 5.92 5.84
HCG251	M	7.90 6.99 8.32 6.06 6.58 6.74 8.25
HCG251	F	7.67 6.97 6.25 7.46 6.42 4.20 6.31 7.12 6.68 6.81
HCG274	M	8.70 6.83 6.49 7.07 8.78 7.02
HCG274	F	7.01 7.72 7.25 7.82 6.67 6.91 6.49 7.09 6.46
HCG256	M	8.07 7.57 7.81 7.66 8.20 7.83
HCG256	F	8.36 7.69 6.51 7.47 8.53
HCG237	M	7.38 7.13 6.67 7.43 7.07 6.63
HCG237	F	5.68 6.18 6.60 6.29 6.32 6.22 6.77 6.30
HCG236b		
HCG287	M	7.22 7.22 6.76 6.92 7.57 7.05 7.89 6.80 6.84
HCG287	F	6.70 6.47 7.39 6.28 6.22
HCG336	M	8.22 8.26 7.96 8.59 7.87
HCG336	F	7.50 7.48 7.63 7.39 7.04 8.18 7.61 7.50
HCG280	M	8.88 7.34 7.77 8.15 8.38 8.46
HCG280	F	8.37 6.59 8.18 7.98 7.06
HCG322	M	7.51 7.17 7.63 7.59 7.07 6.26 7.07 6.90 7.31
HCG322	F	6.95 7.09 5.06 6.71 7.26 6.84
HCG250	M	6.23 6.53 6.45 6.93 6.15 4.09 6.64 5.44 6.03
HCG250	F	5.68 6.36 6.60 5.76 5.62 6.00
HCG219	M	8.17 8.65
HCG219	F	8.29 7.98 8.30 8.34
HCG235b		
HCG272	M	5.75
HCG272	F	7.74 7.08 7.26 7.38 7.54 6.72 6.47 5.98 7.55 5.68
HCG313	M	8.28 8.42 9.31 8.72
HCG313	F	8.26 8.57 7.86
HCG338	M	9.42 9.66 9.54
HCG338	F	9.05 9.36 9.01 9.01
HCG281	M	5.65 8.96 8.14 7.85
HCG281	F	7.55 8.41 7.75 7.74 7.98 8.09 7.86 7.41 8.39 7.21 8.15
HCG319b		

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)										
GROUP 1 - 0 MG/KG CONT.												
HCG207	M	8.58	8.75	9.58	7.64	8.15	8.09	8.28	7.88	7.28	7.43	7.42
HCG207	F	9.81	8.57	7.70	7.12	8.10	4.84	8.02				
HCG286	M	7.75	8.02	8.00	7.62	8.14	7.48	8.28	8.07	8.37		
HCG286	Fd											
HCG271	M	6.91	6.96	6.78	7.42	6.52	6.99	5.15	7.27			
HCG271	F	6.46	6.81	6.83	6.35	6.52						
HCG261	M	8.50	9.36	8.25	8.84	8.91	7.92					
HCG261	F	7.20	7.42	6.97	8.15	7.99	6.84					
HCG229b												
HCG218	M	6.88	6.15	5.66	6.63	6.53	6.07	6.74	5.91	6.65		
HCG218	F	5.92	6.05	5.76	6.03	6.27	5.83	6.37				
HCG247	M	5.83	6.79	6.91	6.61	7.49	5.72	4.89	6.64			
HCG247	F	6.93	5.62	6.38	6.82	7.03	6.08	4.95	5.63			
HCG308b												
HCG297	M	7.60	6.63	7.70	7.80	7.38	6.75	6.73	7.26	7.20	6.96	
HCG297	F	7.57	6.84	7.83	6.88							
HCG267b												

NOTES: a = Animal dead
b = Animal did not deliver
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e = Not recorded due to technician oversight
f = No female pups remain
g = No male pups remain

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)											
GROUP 2 - 50 MG/KG													
HCG340	M	6.29	6.86	5.71	6.10	5.05	4.96						
HCG340	F	4.44	4.36	5.89	6.27	5.92	5.92	5.54	5.72				
HCG334	M	5.85	5.77	5.26	6.05	5.25	5.70						
HCG334	F	5.76	5 40	5.68	4.63	5.68	5.01	5.05	5.50	5.41			
HCG311	M	7.55	7.72	6.55	6.25	7.51	7.33	7.16	6.88	7.17			
HCG311	F	6.96	7.07	7.10	6.56	6.91							
HCG282	M	6.67	6.16	6.84	7.07	6.84	7.00	6.23	7.06	6.10			
HCG282	F	5.87	6.11	6.63	6.67	6.17	5.91						
HCG212	M	7.74	6.92	7.20	7.37	6.18	7.47	6.93					
HCG212	F	7.77	7.26	6.05	7.54	6.28	6.79	7.15	6.89				
HCG245	M	8.13	8.98	8.28	8.57	7.42	8.30	7.89					
HCG245	F	7.52	7.66	7.85	7.89	6.97							
HCG326b													
HCG257b													
HCG264	M	7.25	6.72	6.74	6.72	5.91	7.20						
HCG264	F	7.28	6.30	5.76	6.33	7.00	5.61	5.80	5.98	6.59	7.05	6.91	5.94
HCG333	M	5.94	5.75	5.99	6.86	5.90	5.83	5.50	5.80	5.72			
HCG333	F	5.95	5.57	6.09	5.22	5.86	6.32	5.70	5.55				
HCG278	M	8.79	7.98	7.18	5.53	7.87	8.00	8.08	7.72	8.37			
HCG278	F	7.81	6.66	7.85	7.69	8.56	7.65	7.62	7.96				
HCG332	M	7.41	7.45	7.33	6.63	6.56	6.88						
HCG332	F	6.56	7.42	5.90	6.32	5.81	6.46	6.76	6.71				
HCG327	M	7.29	7.08	6.61	6.89	6.77	7.69	7.06					
HCG327	F	6.02	6.50	6.35	6.51	7.50	6.84	6.71					
HCG241	M	5.80	7.57	7.00	6.90	6.30	7.24	7.03	7.50	5.05			
HCG241	F	6.45	7.49	5.27	6.35	7.77	6.75	7.18	6.39	6.69			
HCG318	M	7.71	9.16	8.70									
HCG318	F	8.35	7.86										
HCG231	M	5.63	5.68	6.34	6.47	6.65	6.62	5.68	6.69	5.75	6.65		
HCG231	F	6.19	6.16	5.80	6.33	6.13							
HCG283b													
HCG244	M	6.18	5.52	6.30	7.46	5.93	6.72						
HCG244	F	6.60	6.00	7.07	6.99	4.08	7.19	6.34	6.18				
HCG214	M	8.28	7.32	8.57	7.81	7.75	7.01	8.31	7.66				
HCG214	F	7.10	5.81	8.12	7.69	7.59	7.34	6.87	7.08				
HCG269	M	6.76	7.50	7.74	7.14	7.27	6.87	7.53					
HCG269	F	7.15	6.90	6.17	5.28	7.16	6.72	6.13	5.76	6.31	6.88		
HCG243b													

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG CONT.		
HCG290	M	8.83 8.04 8.27
HCG290	F	7.29 8.14 7.89 7.13 6.92 7.74 7.63 8.49
HCG301	M	6.93 6.80 6.83 6.70 6.70 7.26
HCG301	F	6.65 7.04 6.56 6.83 6.50 6.79 6.93
HCG208	M	6.62 6.01 6.88 6.46 6.68 6.61 6.70 6.96
HCG208	F	6.81 6.85 6.26 6.54 6.07 5.97 6.52 6.68 6.38
HCG233b		
HCG232	M	7.08 6.78 6.47 7.32 6.07 6.26
HCG232	F	7.93 6.20 6.04 6.64 6.49 6.71 6.55
HCG325	M	7.99 8.91 7.02
HCG325	F	7.06 8.02 7.38 7.85 7.92 7.33
HCG305	M	8.46 8.39
HCG305	F	7.80 8.37 8.10 7.91 8.32 8.12 7.93
HCG234	M	7.95 7.93 7.64 8.70 8.71 7.31 7.63 8.05 8.13 8.22 8.01 8.34
HCG234	F	8.36 6.92 6.97 7.57 8.10 8.04
HCG298	M	6.15 6.59 5.94 6.19 5.74 5.92 5.84 6.28
HCG298	F	5.46 5.49 5.60 5.86 5.69 5.20 5.73

NOTES: a = Animal dead
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g = No male pups remain

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG		
HCG215	M	8.89 9.43 8.08 8.88 8.60
HCG215	F	8.17 8.71 8.11 8.30 8.42 7.71
HCG220	M	6.38 7.37 6.82 6.64 6.26 6.67 6.77 6.08 7.07
HCG220	F	6.97 6.69 5.76 6.14 7.05
HCG316	M	6.95 7.66 8.04 6.74
HCG316	F	7.00 7.07 5.90 7.13 6.69 6.59
HCG296	M	7.53 7.79 6.31 7.01 7.42 7.05
HCG296	F	6.76 7.00 5.81 6.39 5.97 6.73 6.71 6.99 7.17 7.01
HCG275b		
HCG329	M	7.46 7.13 7.37 7.91 7.31 7.15
HCG329	F	6.68 7.35 7.08 7.73 7.22 6.42 7.23 7.70 7.09
HCG260	M	9.36 8.66 7.77 7.60 8.06
HCG260	F	7.37 8.27 8.27 9.01 7.87 7.44 7.70 8.67
HCG295	M	5.94 7.19 6.29 6.82
HCG295	F	5.86 5.78 5.86 5.75 5.97 5.55 5.96 6.19
HCG240	M	7.79 7.75 7.91 8.32 7.99 7.44 7.79
HCG240	F	7.02 7.63 7.74 7.44 6.48 7.74 6.25
HCG291	M	6.04 6.08 7.01 6.29 6.89
HCG291	F	5.21 6.48 6.38 5.70 6.29 6.72 6.01 6.38 7.06
HCG335	M	7.90 7.07 8.01 8.07
HCG335	F	7.22 6.89 8.28 7.64 8.27 8.62 8.28 8.29
HCG238b		
HCG258	M	6.77
HCG258	F	7.00 6.63 7.32
HCG330b		
HCG277	M	5.85 6.28 5.44 6.51
HCG277	F	5.87 6.27 6.25 5.97 6.69 6.00 5.84 4.79 6.89 5.81 6.57
HCG317	M	8.50 7.95 6.86 7.43 7.23 6.29 7.47 7.07
HCG317	F	6.67 6.80 7.53 6.71 6.37 8.48 5.64 7.69 7.27
HCG221	M	6.06 5.71 5.19 6.46 6.00 6.24 6.14 5.56 5.80 5.67
HCG221	F	6.11 6.03 5.02 6.10 5.95 5.12
HCG331	M	7.34 9.14 8.71 8.31 8.12
HCG331	F	8.01 8.22 8.00 7.22 7.63 8.11 7.12 8.53 7.69
HCG339	M	6.47 6.40 6.43 6.01 6.61 6.90 6.32
HCG339	F	6.75 6.44 6.35 5.39 5.90 5.89
HCG323b		
HCG307	M	9.71 9.52
HCG307	F	9.27 9.00

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG CONT.		
HCG314b		
HCG225	M	6.77 6.21 6.30 6.85 5.48 5.64 6.25 6.02 6.22 6.03
HCG225	F	5.70 6.14 5.44 5.46 4.76 6.77 5.75
HCG217b		
HCG263	M	7.60 6.90 7.64 6.91 6.66 7.96 7.14 7.52 6.22
HCG263	F	6.90 6.72 7.30 6.83 7.15 6.67 6.94
HCG254	M	8.34 8.06 7.71 7.47 8.23 8.02 8.65
HCG254	F	8.09
HCG242	M	6.40 6.98 6.12 5.81 6.78 6.26
HCG242	F	5.87 5.63 5.63 6.35 5.73 6.16 5.81 6.70 5.71 5.94 6.32 5.75
HCG304	M	6.38 7.21 6.17 7.42 6.40 6.76 7.00 6.26
HCG304	F	7.22 6.92 6.93 5.90 6.53 4.86
HCG276b		
HCG302	M	8.03 7.73
HCG302	F	7.71 6.34 7.13 7.17 6.84 7.29 6.02 8.50 7.51 7.68

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e = Not recorded due to technician oversight
f = No female pups remain
g = No male pups remain

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
HCG248	M	7.69 7.80 7.79 8.22 7.38 8.45 7.78
HCG248	F	7.82 5.92 6.69 6.76 6.92 6.84 7.25
HCG294	M	6.04 6.09 6.65 5.86
HCG29[redacted]	F	6.39 6.31 5.34 6.32 5.80 5.67
HCG262b		
HCG309	M	3.95 4.32
HCG309	Ff	
HCG252	M	6.32 5.56 6.61 7.19 6.56 6.62 6.08 6.37
HCG252	F	6.34 6.25 7.31 5.73 6.70 6.03
HCG255	M	4.71 4.58 3.72 4.52 5.01
HCG255	F	4.17 4.07 4.47 4.21 4.23
HCG337b		
HCG288c		
HCG270	M	5.71 5.93 [redacted].36 5.35 4.96 5.65 5.58 5.70 5.01
HCG270	F	4.30 5.65 4.29 4.56 4.93 4.91 5.12 5.26
HCG211	M	10.20 9.17 8.65
HCG211	F	8.90 8.23 8.83
HCG300	M	4.91 4.67 5.10 4.19 4.82 5.22
HCG300	F	5.26 4.94 4.82 4.66 4.62 5.15
HCG320	M	5.63
HCG320	F	6.26 5.83 5.88 5.57 5.65
HCG266	M	4.91 5.27 4.95
HCG266	F	4.46 4.74 4.69 4.55 3.94 4.02
HCG213b		
HCG210	M	7.54 7.38 7.55 7.37 7.47 7.45 7.30
HCG210	F	6.11 6.70
HCG306	M	4.72 4.64 4.37 5.06 5.41 5.01 4.23 5.11
HCG306	F	4.87 4.68 4.65
HCG299b		
HCG268b		
HCG226	M	7.26
HCG226	F	7.87 7.10
HCG312	M	4.85 4.42 5.12
HCG312	F	4.80 4.38 4.42
HCG253b		
HCG284b		

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG CONT.		
HCG227	M	4.03 4.95 4.68
HCG227	F	5.26 4.62 4.24 4.50 5.01 4.58
HCG293	M	5.26 5.48 4.96 5.23 3.85
HCG293	F	5.51 5.39 5.31 4.89 5.42 4.71 4.76 5.78 5.45 5.52
HCG259	M	5.15 4.85 5.19 5.47 5.36 5.00
HCG259	F	4.97 5.09 5.08 5.45 5.30 4.82 4.40 4.90 4.20
HCG230c		
HCG315	M	5.57 5.75 5.53 5.54 5.64 5.56 5.43 5.81 5.48 5.53 5.01 5.58
HCG315	F	5.22 5.45 5.27 5.60
HCG273	M	5.15 4.89 5.88 5.00 5.71 5.09 5.15 5.90 5.73
HCG273	F	5.14 4.30 5.32
HCG209b		
HCG292	M	4.79 4.87 4.67 4.57 4.61 4.61 5.05 4.96 4.90 4.68
HCG292	F	4.75 4.32 4.38

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g = No male pups remain

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG		
HCG222	M	9.08 9.72 9.51 9.64 9.29 10.46
HCG222	F	9.21 8.08 8.75 8.28 9.36
HCG224	M	9.17 10.99 10.87 9.34 10.03 10.53 11.36 9.83 10.39 9.54 9.72 11.99 10.23 12.04
HCG224	F	11.04 9.71 10.29
HCG321	M	10.20 8.97 10.61 10.03 11.14 10.96
HCG321	F	9.29 10.26 9.78 8.97 8.57 9.53 8.31 11.21
HCG251	M	11.08 10.58 9.55 9.87 9.29 11.62 9.38
HCG251	F	9.05 10.00 10.38 5.61 9.83 9.28 10.61 9.51 8.36 8.71
HCG274	M	13.68 9.85 10.25 10.46 10.85 13.36
HCG274	F	9.80 9.71 10.60 9.95 9.97 12.13 12.63 9.53 10.78
HCG256	M	10.70 9.67 10.18 9.62 9.92 10.34
HCG256	F	9.77 9.69 10.36 9.91 8.73
HCG237	M	11.10 10.17 11.07 10.60 11.36 10.95
HCG237	F	10.32 8.72 10.02 10.61 10.15 10.34 10.60 9.98
HCG236b		
HCG287	M	10.34 9.17 8.38 9.64 9.17 9.42 9.28 9.60 9.49
HCG287	F	7.73 8.82 9.32 8.63 10.13
HCG336	M	11.65 11.74 11.14 10.65 10.65
HCG336	F	10.94 10.54 10.19 10.79 11.31 9.84 10.79 9.88
HCG280	M	13.16 12.70 10.96 12.22 12.75 12.41
HCG280	F	12.62 11.81 10.01 10.32 13.25
HCG322	M	10.38 10.34 10.36 9.81 10.45 10.79 10.31 8.48 10.64
HCG322	F	9.50 10.23 9.39 10.16 9.30 6.69
HCG250	M	8.11 8.43 8.14 5.53 9.21 6.97 8.23 8.26 7.60
HCG250	F	7.87 7.35 8.81 7.32 7.36 8.19
HCG219	M	12.21 12.24
HCG219	F	12.49 12.14 11.36 12.47
HCG235b		
HCG272	M	7.67
HCG272	F	10.57 9.37 8.82 9.19 10.06 6.86 10.74 11.11 8.04 9.63
HCG313	M	12.77 13.43 12.69 11.20
HCG313	F	12.18 12.55 11.58
HCG338	M	14.73 13.39 15.13
HCG338	F	14.75 15.02 14.68 14.59
HCG281	M	13.29 12.02 12.01 9.56
HCG281	F	11.01 12.23 11.71 11.98 10.62 11.74 11.59 11.66 12.08 12.33 10.11
HCG319b		

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG CONT.		
HCG207	M	12.37 10.73 11.68 12.82 12.59 13.08 10.98 11.51 11.18 10.42 10.37
HCG207	F	11.74 14.36 11.73 11.42 11.74 7.47 11.11
HCG286	M	11.67 11.58 11.36 11.85 11.24 11.81 12.28 12.33 11.41
HCG286	Fd	
HCG271	M	9.71 10.65 11.46 11.11 8.43 8.36 11.12 11.65
HCG271	F	11.03 8.41 11.39 8.48 8.74
HCG261	M	12.24 14.39 12.81 12.89 12.26 12.12
HCG261	F	12.47 11.27 10.13 10.53 9.90 11.89
HCG229b		
HCG218	M	10.15 8.96 10.57 10.25 10.04 9.78 10.16 8.89 8.29
HCG218	F	8.97 9.83 9.07 8.89 9.98 8.39
HCG247	M	10.39 10.85 10.69 8.47 10.87 8.49 10.48 6.69
HCG247	F	11.19 9.32 7.94 11.08 11.11 10.71 8.08 7.82
HCG308b		
HCG297	M	9.48 10.04 8.89 9.91 10.47 9.55 8.52 9.75 9.29 10.39
HCG297	F	9.55 9.48 10.79 9.76
HCG267b		

NOTES: a = Animal dead
b = Animal did not deliver
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d = No female pups present
e = Not recorded due to technician oversight
f = No female pups remain
g = No male pups remain

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
HCG340	M	10.21 7.42 10.54 7.00 8.55 7.93
HCG340	F	8.22 9.86 9.85 9.66 8.35 8.75 6.99 6.16
HCG334	M	9.64 9.21 9.60 10.07
HCG334	F	9.48 8.72 8.82 9.24 9.34 7.62 9.25 9.16 9.32
HCG311	M	11.15 11.85 11.48 11.66 11.72 10.27 10.90 9.35 11.48
HCG311	F	11.65 10.79 11.51 10.66 10.91
HCG282	M	10.10 9.53 10.08 9.73 10.03 9.38 10.38 10.40 10.14
HCG282	F	10.21 8.73 9.44 8.87 9.26 10.42
HCG212	M	10.23 10.19 9.49 10.82 9.49 9.67 10.80
HCG212	F	10.45 9.37 11.06 11.28 11.09 9.53 10.64 10.50
HCG245	M	13.80 11.96 12.75 12.91 12.60 12.63 12.88
HCG245	F	11.96 12.41 12.56 10.80 12.42
HCG326b		
HCG257b		
HCG264	M	8.51 9.81 9.75 9.70 10.22 9.82
HCG264	F	8.71 8.54 8.63 10.25 9.86 9.84 10.42 9.93 8.39 9.34 8.15 8.25
HCG333	M	8.15 7.55 9.00 10.52 8.58 9.02 7.99 8.82 7.33
HCG333	F	9.11 9.52 8.83 7.18 8.58 8.73 7.89 8.94
HCG278	M	6.88 10.21 11.35 11.86 11.37 9.97 10.79 10.36 11.05
HCG278	F	9.65 9.62 11.14 10.85 10.49 10.00 10.32 10.50
HCG332	M	11.35 11.42 10.86 11.52 10.18 10.71
HCG332	F	9.68 11.08 10.03 10.71 10.51 9.81 11.18 9.76
HCG327	M	10.35 10.10 10.35 9.54 10.64 9.93 10.11
HCG327	F	9.71 9.57 9.10 9.83 9.11 8.09 9.07
HCG241	M	9.99 7.64 10.44 10.46 9.90 8.02 8.88 9.34 6.04
HCG241	F	8.73 9.04 9.75 10.89 10.33 8.79 10.25 7.05 9.08
HCG318	M	12.07 13.13 13.91
HCG318	F	12.64 12.55
HCG231	M	9.11 8.81 7.79 9.02 7.90 8.42 8.43 8.84 9.34 7.40
HCG231	F	8.78 8.83 8.43 8.81 8.80
HCG283b		
HCG244	M	12.89 11.76 11.05 9.65 10.69 10.58
HCG244	F	8.73 9.34 9.51 10.49 10.23 5.38 9.27 10.59
HCG214	M	10.99 11.56 11.06 11.52 10.79 11.51 11.87 9.77
HCG214	F	9.72 11.05 10.27 10.22 10.51 8.26 9.43 10.08
HCG269	M	10.01 11.39 11.11 11.64 9.42 8.95 8.92
HCG269	F	10.43 7.06 8.82 9.94 10.96 10.30 10.38 7.85 7.43
HCG243b		

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG CONT.		
HCG290	M	12.78 12.24 12.92
HCG290	F	11.60 12.65 11.62 11.58 11.43 10.56 10.72 12.27
HCG301	M	10.24 10.34 9.97 10.78 10.42 10.02
HCG301	F	10.35 10.25 9.88 10.13 10.19 9.91 10.37
HCG208	M	7.46 9.70 7.60 7.30 8.48 8.98 8.24 8.42
HCG208	F	9.96 8.47 7.59 8.65 8.61 6.81 6.19 9.27 9.36
HCG233b		
HCG232	M	9.69 9.22 10.31 10.35 8.59 8.52
HCG232	F	9.44 8.71 8.27 8.43 9.01 9.99 9.49
HCG325	M	13.91 13.73 11.60
HCG325	F	11.73 13.29 13.12 12.56 11.89 12.35
HCG305	M	13.19 13.11
HCG305	F	12.50 12.89 12.33 13.34 12.04 12.92 13.08
HCG234	M	10.71 9.88 9.37 10.45 10.04 10.36 8.76 8.37 10.30 10.82 10.22 10.16
HCG234	F	8.87 10.79 8.90 8.45 8.92 10.46
HCG298	M	9.53 8.66 9.70 9.36 8.60 8.47 8.67 8.54
HCG298	F	8.93 8.61 8.11 7.55 8.63 8.13 8.48

NOTES: a = Animal dead
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g = No male pups remain

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG		
HCG215	M	12.89 11.19 11.89 12.21 12.33
HCG215	F	11.67 11.95 11.60 11.45 11.87 10.39
HCG220	M	9.35 9.22 8.14 9.08 9.01 9.65 8.18 8.08 9.75
HCG220	F	8.18 9.21 9.34 9.12 6.99
HCG316	M	13.77 11.12 11.57 12.89
HCG316	F	9.92 11.71 11.59 10.54 11.92 10.81
HCG296	M	10.64 9.50 8.60 10.85 9.46 10.50
HCG296	F	9.38 9.40 8.70 8.66 8.34 6.84 8.84 9.32 8.88 7.24
HCG275b		
HCG329	M	9.28 9.84 9.92 9.98 9.65 9.63
HCG329	F	9.25 8.57 9.42 8.78 8.54 9.51 10.29 9.21 10.15
HCG260	M	11.21 11.12 11.95 12.68 12.65
HCG260	F	11.25 11.05 10.81 11.42 12.19 11.64 11.37 12.21
HCG295	M	8.80 9.16 10.05 9.82
HCG295	F	8.42 8.63 8.99 8.97 8.49 8.93 9.07 9.10
HCG240	M	11.99 12.28 11.75 11.97 12.29 11.54 12.00
HCG240	F	9.88 11.13 11.20 11.04 12.10 9.45 10.99
HCG291	M	7.8[illegible] 8.45 8.08 9.03 8.01
HCG291	F	9.67 8.47 7.96 7.42 9.08 6.55 8.95 8.55 8.20
HCG335	M	11.09 11.20 11.72 11.71
HCG335	F	11.40 9.62 10.39 10.33 10.35 9.43 11.47 8.73
HCG238b		
HCG258	M	9.94
HCG258	F	10.69 10.13 10.07
HCG330b		
HCG277	M	9.98 10.15 10.07
HCG277	F	9.56 9.64 7.57 10.52 10.55 10.67 10.08 10.78 10.67 9.35 9.12
HCG317	M	9.30 10.47 9.71 11.54 9.53 10.40 11.07 9.18
HCG317	F	7.11 10.04 9.62 12.62 8.68 8.19 10.45 7.28 9.02
HCG221	M	9.44 9.41 8.66 9.72 8.44 7.97 8.99 7.35 9.70 9.08
HCG221	F	8.70 9.02 7.36 9.36 6.93 9.23
HCG331	M	11.91 11.86 10.37 10.48 13.41
HCG331	F	11.44 11.89 11.73 11.68 11.97 11.72 12.02 10.95 12.79
HCG339	M	10.52 10.77 10.33 10.06 10.65 10.65 10.86
HCG339	F	10.69 8.98 9.75 11.16 10.60 10.15
HCG323b		
HCG307	M	13.28 13.86
HCG307	F	12.93 12.45

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG CONT.		
HCG314b		
HCG225	M	9.79 9.58 9.62 8.87 8.89 9.49 8.18 9.91 11.08 9.20
HCG225	F	9.19 8.84 9.82 7.39 8.69 9.49 8.01
HCG217b		
HCG263	M	10.40 9.91 9.91 8.73 11.13 10.07 10.16 9.38 11.26
HCG263	F	10.14 10.81 10.55 9.39 10.18 10.10 10.80
HCG254	M	12.35 10.55 11.19 12.06 11.28 12.17 10.16
HCG254	F	11.73
HCG242	M	8.24 7.76 7.88 8.22 8.01 7.19
HCG242	F	7.43 7.34 7.47 8.78 8.54 7.88 7.42 7.05 7.84 7.31 6.77 8.07
HCG304	M	9.76 8.69 10.01 9.41 9.11 8.79 9.42 8.78
HCG304	F	6.79 8.88 9.73 8.19 9.71 9.39
HCG276b		
HCG302	M	11.40 12.44
HCG302	F	8.78 9.22 11.77 10.55 10.30 8.60 12.44 11.32 7.91 10.61

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g = No male pups remain

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
HCG248	M	11.85 12.15 12.19 11.66 11.86 12.53 12.13
HCG248	F	10.32 8.91 10.13 11.25 7.27 9.95 9.36
HCG294	M	9.53 10.63 9.85 9.29
HCG294	F	9.60 9.72 9.46 10.22 10.96 9.78
HCG262b		
HCG309c		
HCG252	M	8.52 8.34 8.58 8.91 8.03 8.12 10.90 8.82
HCG252	F	9.02 8.79 8.90 8.37 11.76 9.32
HCG255	M	6.99 6.75 4.90 6.87 6.56
HCG255	F	6.08 6.37 6.12 5.70 6.23
HCG537b		
HCG288c		
HCG270	M	6.22 6.26 6.30 6.38 6.34 5.69 6.26 6.76 5.58
HCG270	F	5.26 6.02 5.11 6.18 5.28 4.57 5.78 6.30
HCG211	M	12.60 13.09 11.86
HCG211	F	12.14 11.36 12.06
HCG300	M	4.99 5.51 5.28 6.17 6.05
HCG300	F	6.29 5.40 5.54 6.23 5.63 5.11
HCG320	M	8.45
HCG320	F	8.30 9.73 9.90 8.95 7.94
HCG266	M	4.53
HCG266	F	4.82 5.07 4.26 3.64
HCG213b		
HCG210	M	11.63 12.04 11.88 10.71 11.48 12.01 11.45
HCG210	F	10.68 9.76
HCG306	M	6.74 5.55 6.47 6.08 7.48 4.94 6.39 4.98
HCG306	F	6.21 6.22 5.77
HCG299c		
HCG268b		
HCG226	M	10.15
HCG226	F	10.83 10.02
HCG312	M	5.39
HCG312	F	5.24 5.12
HCG253c		
HCG284b		

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG CONT.		
HCG227	M	7.32 7.03 6.00
HCG227	F	6.44 7.92 6.97 6.83 7.72 7.13
HCG293	M	6.59 6.07 6.86 4.27 6.29
HCG293	F	6.69 5.90 5.76 6.61 6.11 6.80 6.72 7.08 6.41 6.80
HCG259	M	8.33 8.11 9.11 8.47 8.67 8.39
HCG259	F	8.90 6.86 8.15 7.51 7.16 7.79 8.63 9.11
HCG230c		
HCG315	M	7.08 7.66 7.47 7.05 6.31 7.10 7.62 8.04 7.76 7.76 7.58 6.58
HCG315	F	7.71 6.74 7.61 6.96
HCG273	M	6.31 6.35 5.67 6.41 4.73 5.33 5.18 6.02
HCG273	F	5.12 4.92
HCG209b		
HCG292	M	6.13 5.41 4.88 5.94 5.19 5.87 5.86 4.64
HCG292	F	5.25

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g = No male pups remain

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)				
GROUP 1 - 0 MG/KG						
HCG222	M	15.28	15.47	15.98	15.07	15.21
HCG222	F	15.32	14.02	13.40	13.60	14.89
HCG224e						
HCG321	M	15.85	16.84	16.49	16.46	16.08
HCG321	F	14.11	14.97	14.51	14.13	16.05
HCG251	M	16.94	13.51	14.12	15.18	14.74
HCG251	F	14.59	15.39	9.51	14.70	14.00
HCG274	M	15.96	14.63	14.21	19.05	15.90
HCG274	F	15.50	18.95	14.82	16.25	18.69
HCG256	M	14.38	14.47	15.39	13.90	15.47
HCG256	F	14.33	14.56	14.58	15.09	13.04
HCG237	M	17.66	18.32	18.74	17.47	18.34
HCG237	F	17.24	17.68	17.40	16.97	17.73
HCG236b						
HCG287	M	17.65	15.59	16.14	17.00	16.16
HCG287	F	13.27	13.50	16.29	14.47	15.51
HCG336	M	17.06	17.14	15.52	16.81	15.84
HCG336	F	15.47	15.82	16.52	16.50	15.06
HCG280	M	19.82	19.89	19.87	18.94	19.73
HCG280	F	17.07	25.09	16.74	17.98	19.60
HCG322	M	17.77	18.47	17.81	18.08	14.45
HCG322	F	16.54	16.17	16.57	16.85	11.87
HCG250	M	10.66	11.03	8.99	11.97	10.85
HCG250	F	11.35	10.70	10.52	10.06	10.27
HCG219	M	17.52	17.68			
HCG219	F	17.95	17.43	17.15	16.37	
HCG235b						
HCG272	M	10.44				
HCG272	F	14.88	18.01	18.58	17.17	13.87
HCG313	M	18.86	18.63	16.46	19.42	
HCG313	F	18.42	17.75	17.09		
HCG338	M	21.11	19.77	21.49		
HCG338	F	20.42	20.39	19.98	19.71	
HCG281	M	20.31	21.74	18.98	14.36	
HCG281	F	19.62	19.29	20.09	19.92	13.96
HCG319b						

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)								
GROUP 1 - 0 MG/KG CONT.										
HCG207	M	19.34	19.95	19.99	17.96	21.04				
HCG207	F	20.39	21.06	19.55	19.83	20.25				
HCG286	M	16.31	16.12	16.25	16.10	16.94	16.47	16.44	16.40	16.97
HCG286	Fd									
HCG271	M	17.45	17.51	13.45	13.24	16.51				
HCG271	F	13.33	13.46	13.22	16.96	16.83				
HCG261	M	18.92	20.53	18.18	18.36	18.31				
HCG261	F	16.20	16.18	18.49	17.83	16.47				
HCG229b										
HCG218	M	14.74	14.60	15.07	15.86	13.48				
HCG218	F	13.41	14.29	15.09	12.40	13.40				
HCG247	M	16.27	16.79	16.92	16.86	16.76				
HCG247	F	14.23	16.83	12.87	13.20	17.51				
HCG308b										
HCG297	M	14.59	14.51	16.83	15.04	13.43				
HCG297	F	15.43	15.08	17.27	15.32					
HCG267b										

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g = No male pups remain

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
HCG340	M	11.66 14.81 12.43 11.08 12.13
HCG340	F	14.22 13.90 12.39 15.04 9.43
HCG334	M	14.57 15.02 14.09 16.50
HCG334	F	14.03 14.26 13.43 14.48 14.04
HCG311	M	19.03 18.47 18.88 17.78 18.77
HCG311	F	16.99 17.45 17.06 18.10 17.84
HCG282	M	16.20 15.18 15.90 15.15 15.81
HCG282	F	15.85 14.58 15.89 14.94 13.87
HCG212	M	16.07 17.64 17.46 16.45 18.17
HCG212	F	17.92 18.44 17.77 17.34 16.75
HCG245	M	19.78 17.18 18.33 18.24 18.06
HCG245	F	18.26 17.96 18.36 17.05 15.53
HCG326b		
HCG257b		
HCG264	M	15.45 16.70 15.18 13.84 16.75
HCG264	F	15.26 15.67 14.71 16.09 13.28
HCG333	M	13.80 10.08 15.90 12.43 12.06
HCG333	F	9.11 11.67 11.85 12.50 13.92
HCG278	M	19.69 16.55 18.60 14.71 10.29
HCG278	F	18.10 15.68 17.51 17.35 15.95
HCG332	M	18.06 15.77 18.30 18.36 17.64
HCG332	F	17.09 17.91 15.23 15.45 15.52
HCG327	M	14.33 15.74 13.74 15.38 14.44
HCG327	F	15.07 14.85 14.22 15.08 13.95
HCG241	M	18.97 16.82 17.96 16.86 16.73
HCG241	F	17.58 18.44 16.71 17.34 14.55
HCG318	M	21.24 19.99 19.84
HCG318	F	20.38 20.34
HCG231	M	11.49 12.16 13.76 14.31 11.55
HCG231	F	13.72 13.41 12.37 12.29 13.53
HCG283b		
HCG244	M	19.43 16.88 16.11 18.15 19.98
HCG244	F	17.98 15.30 13.39 15.62 14.96
HCG214	M	16.84 17.48 16.11 17.25 16.77
HCG214	F	15.85 16.38 16.06 16.67 14.45
HCG269	M	16.17 16.29 19.45 18.64 18.78
HCG269	F	17.37 13.28 16.88 17.30 17.33
HCG243b		

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)					
GROUP 2 - 50 MG/KG CONT.							
HCG290	M	20.10	19.11	20.30			
HCG290	F	18.75	19.53	19.62	18.55	16.93	
HCG301	M	14.93	15.06	15.73	14.44	15.20	
HCG301	F	14.78	14.43	15.21	14.68	14.51	
HCG208	M	13.75	16.27	12.14	12.29	14.20	
HCG208	F	14.01	15.05	15.20	13.17	15.30	
HCG233b							
HCG232	M	13.21	11.30	13.75	13.66	11.70	
HCG232	F	13.66	11.49	12.88	14.46	12.61	
HCG325	M	19.82	16.89	19.07			
HCG325	F	18.51	16.70	18.79	16.43	16.82	17.91
HCG305	M	19.34	18.74				
HCG305	F	19.00	17.82	19.05	18.65	19.31	18.69 18.03
HCG234	M	15.54	16.63	17.22	15.61	17.20	
HCG234	F	17.21	12.95	13.79	13.86	12.24	
HCG298	M	13.76	14.56	13.35	13.70	14.56	
HCG298	F	13.34	13.14	12.59	14.19	13.73	

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)					
GROUP 3 - 160 MG/KG							
HCG215	M	17.63	19.02	18.74	19.09	17.89	
HCG215	F	17.44	18.83	17.56	18.39	18.94	
HCG220	M	16.27	16.93	14.23	15.28	15.12	
HCG220	F	15.62	16.85	13.22	16.60	13.04	
HCG316	M	16.18	15.43	17.75	19.57		
HCG316	F	16.67	15.46	16.11	15.82	15.11	14.06
HCG296	M	15.47	16.37	17.25	14.04	17.29	
HCG296	F	14.61	13.24	15.09	11.33	12.86	
HCG275b							
HCG329	M	15.77	15.22	15.61	15.96	14.87	
HCG329	F	15.15	13.41	14.20	16.00	14.24	
HCG260	M	15.91	13.96	13.92	13.71	14.07	
HCG260	F	14.22	13.93	13.41	15.30	14.00	
HCG295	M	14.13	13.41	14.58	15.11		
HCG295	F	13.69	13.42	13.44	13.82	14.20	
HCG240	M	17.89	17.29	19.00	17.66	17.80	
HCG240	F	14.14	17.29	17.62	16.31	18.29	
HCG291	M	12.11	10.92	12.29	13.03	13.73	
HCG291	F	14.17	9.25	14.59	12.04	14.7[illegible]	
HCG335	M	16.65	17.30	14.85	15.27		
HCG335	F	14.93	13.16	14.35	16.22	15.44	
HCG238b							
HCG258	M	15.80					
HCG258	F	16.02	15.59	15.57			
HCG330b							
HCG277	M	15.15	15.77	15.36			
HCG277	F	17.29	16.52	13.62	12.82	14.87	
HCG317	M	15.35	13.75	17.45	13.51	15.44	
HCG317	F	16.36	13.04	14.26	13.37	12.44	
HCG221	M	15.37	15.25	14.34	14.87	13.44	
HCG221	F	15.27	16.54	16.00	13.25	16.29	
HCG331	M	17.89	17.67	18.25	20.40	16.05	
HCG331	F	19.10	18.66	18.10	18.45	16.40	
HCG339	M	12.46	13.68	14.44	13.42	14.16	
HCG339	F	13.30	13.93	14.64	13.95	14.20	
HCG323b							
HCG307	M	18.65	20.02				
HCG307	F	18.07	17.46				

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG CONT.		
HCG314b		
HCG225	M	14.39 15.56 15.74 14.30 15.78
HCG225	F	16.34 15.57 13.38 10.69 14.15
HCG217b		
HCG263	M	16.30 15.03 16.38 17.71 16.87
HCG263	F	16.61 16.06 15.86 16.38 17.44
HCG254	M	17.63 17.37 14.37 15.94 17.14 15.76 15.52
HCG254	F	16.77
HCG242	M	10.85 11.95 12.35 9.65 12.00
HCG242	F	9.79 12.98 9.41 10.15 9.79
HCG304	M	15.92 15.28 16.20 14.27 15.90
HCG304	F	15.22 15.98 15.31 15.94 13.61
HCG276b		
HCG302	M	18.82 20.20
HCG302	F	19.43 14.17 19.81 15.00 18.45

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
HCG248	M	17.14 17.38 17.35 17.71 18.26
HCG248	F	15.59 15.11 14.60 14.56 16.26
HCG294	M	12.40 11.72 13.02 13.55
HCG294	F	12.66 12.99 13.43 15.07 12.46 14.29
HCG262b		
HCG309c		
HCG252	M	13.24 18.44 13.15 14.05 12.31
HCG252	F	14.71 19.09 13.43 14.39 15.03
HCG255	M	10.95 10.57 10.79 11.39
HCG255	F	9.71 8.98 9.00 9.26 9.82
HCG337b		
HCG288c		
HCG270	M	7.12 7.84 6.23 7.40 7.70
HCG270	F	8.01 5.71 7.91 6.83 7.80
HCG211	M	16.97 19.72 19.15
HCG211	F	17.78 18.17 18.22
HCG300	M	5.90 6.71 6.91 5.59 6.30
HCG300	F	6.08 6.14 6.84 6.02 7.29
HCG320	M	14.03
HCG320	F	15.12 13.28 14.24 15.42 15.66
HCG266	M	
HCG266	F	7.55 7.22 4.85
HCG213b		
HCG210	M	16.25 13.89 15.95 17.03 15.95 16.10 16.31
HCG210	F	14.13 13.34
HCG306	M	5.56 9.81 7.33 8.24 9.85
HCG306	F	9.55 9.60 8.73
HCG299c		
HCG268b		
HCG226	M	14.84
HCG226	F	15.23 16.21
HCG312	M	7.14
HCG312	F	7.18 6.60
HCG253c		
HCG284b		

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG CONT.		
HCG227	M	11.79 8.95 9.09
HCG227	F	9.70 12.49 9.07 13.26 10.68 10.67
HCG293	M	11.45 10.56 9.91 9.85 6.16
HCG293	F	9.24 9.34 11.06 10.63 11.27
HCG259	M	13.13 14.29 13.16 12.81 14.77
HCG259	F	12.45 13.79 13.03 13.01 11.60
HCG230c		
HCG315	M	12.91 11.82 11.83 10.08 12.34
HCG315	F	10.89 12.40 12.09 11.33
HCG273	M	7.91 8.72 8.60 5.90 7.18 8.76 7.85
HCG273	F	5.70 7.79
HCG209b		
HCG292	M	6.90 7.75 8.43 7.88 8.84 8.92 9.08
HCG292	F	8.08

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)				
GROUP 1 - 0 MG/KG						
HCG222	M	31.72	30.84	30.74	31.84	31.69
HCG222	F	30.05	29.23	29.80	30.35	30.65
HCG224	M	40.32	38.60	37.00	36.85	37.92
HCG224	F	32.74	36.30	38.30		
HCG321	M	30.13	32.50	29.81	30.28	32.75
HCG321	F	27.68	30.01	30.45	27.34	30.13
HCG251	M	32.06	32.93	36.00	32.03	30.92
HCG251	F	31.22	31.66	31.32	33.84	23.26
HCG274	M	32.81	32.18	31.65	38.79	32.20
HCG274	F	32.57	38.47	34.71	36.42	34.10
HCG256	M	29.13	29.02	27.76	31.05	29.11
HCG256	F	27.72	27.74	28.85	26.05	29.03
HCG237	M	35.18	35.15	34.94	33.80	33.45
HCG237	F	34.93	34.17	33.92	33.48	32.72
HCG236b						
HCG287	M	31.32	32.13	35.75	32.84	32.78
HCG287	F	31.70	28.18	30.36	31.52	29.07
HCG336	M	31.64	33.28	30.82	33.39	33.78
HCG336	F	32.00	30.94	30.77	32.89	32.80
HCG280	M	37.55	36.76	37.89	37.59	37.39
HCG280	F	37.20	34.07	35.54	36.36	33.53
HCG322	M	36.98	28.58	37.71	38.66	35.92
HCG322	F	35.03	35.78	33.99	23.55	35.81
HCG250	M	26.48	21.57	24.92	26.28	26.49
HCG250	F	25.83	23.62	25.21	25.94	23.77
HCG219	M	33.83	35.52			
HCG219	F	32.56	33.11	33.38	32.06	
HCG235b						
HCG272	M	35.28				
HCG272	F	36.82	32.18	37.69	28.39	29.93
HCG313	M	31.21	34.07	35.65	31.72	
HCG313	F	29.72	32.77	32.35		
HCG338	M	38.31	37.85	40.53		
HCG338	F	37.42	35.81	37.79	37.16	
HCG281	M	29.86	40.87	34.71	39.40	
HCG281	F	36.18	35.75	37.45	37.44	29.52
HCG319b						

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)								
GROUP 1 - 0 MG/KG CONT.										
HCG207	M	33.96	35.70	37.58	39.27	35.55				
HCG207	F	36.79	36.44	36.26	35.84	37.45				
HCG286	M	29.04	30.19	30.65	30.04	29.88	29.30	27.71	29.38	30.32
HCG286	Fd									
HCG271	M	32.68	35.42	35.18	28.12	30.23				
HCG271	F	28.17	34.24	29.02	34.17	27.16				
HCG261	M	37.56	39.44	37.89	37.21	35.63				
HCG261	F	33.89	34.07	33.36	36.75	35.52				
HCG229b										
HCG218	M	32.76	33.00	31.18	33.06	29.44				
HCG218	F	28.46	30.77	29.00	28.33	28.54				
HCG247	M	34.11	34.44	32.71	34.42	33.58				
HCG247	F	25.60	35.69	26.60	34.24	29.71				
HCG308b										
HCG297	M	29.55	34.07	27.04	31.23	31.66				
HCG297	F	32.66	33.28	32.75	32.52					
HCG267b										

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)				
GROUP 2 - 50 MG/KG						
HCG340	M	25.88	30.19	30.77	27.37	25.20
HCG340	F	30.77	28.69	29.57	20.57	27.18
HCG334	M	32.63	35.23	32.24	31.81	
HCG334	F	29.83	31.44	31.17	30.80	31.14
HCG311	M	38.45	36.57	35.44	37.75	38.59
HCG311	F	36.83	36.60	36.25	35.26	35.13
HCG282	M	32.28	32.56	32.53	32.18	32.49
HCG282	F	30.26	34.24	32.74	30.51	31.18
HCG212	M	33.14	34.60	34.20	33.10	32.94
HCG212	F	35.21	33.03	34.96	35.35	33.45
HCG245	M	34.79	36.10	33.90	34.70	34.81
HCG245	F	30.50	33.75	34.09	31.79	34.09
HCG326b						
HCG257b						
HCG264	M	35.14	33.24	30.42	35.30	33.98
HCG264	F	33.34	30.44	31.94	34.47	33.94
HCG333	M	30.17	33.43	26.44	32.18	25.79
HCG333	F	28.86	22.59	28.85	25.93	26.26
HCG278	M	40.67	27.97	38.24	34.53	35.03
HCG278	F	34.89	35.64	36.16	36.46	40.12
HCG332	M	31.74	36.42	33.91	35.49	34.26
HCG332	F	34.41	31.16	34.60	30.00	32.47
HCG327	M	27.66	28.63	27.10	30.18	30.54
HCG327	F	27.57	28.59	27.44	27.39	25.46
HCG241	M	33.99	32.95	36.93	31.54	33.04
HCG241	F	30.55	35.04	31.24	32.85	33.32
HCG318	M	37.99	39.12	36 99		
HCG318	F	39.29	38.06			
HCG231	M	27.37	24.26	27.73	23.48	25.58
HCG231	F	27.16	24.63	25.48	26.43	25.40
HCG283b						
HCG244	M	37.39	32.77	36.43	34.13	32.07
HCG244	F	29.50	35.73	33.28	32.64	31.00
HCG214	M	35.04	31.00	35.41	34.02	32.83
HCG214	F	31.38	30.29	32.79	33.90	32.69
HCG269	M	36.92	39.08	32.97	37.12	34.23
HCG269	F	35.03	24.69	34.56	36.08	35.52
HCG243b						

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG CONT.		
HCG290	M	38.63 39.35 36.83
HCG290	F	36.77 32.12 36.80 36.81 38.60
HCG301	M	29.81 31.43 32.34 30.50 30.63
HCG301	F	29.96 29.62 31.54 28.42 30.22
HCG208	M	27.58 33.30 31.46 27.59 31.10
HCG208	F	29.75 31.52 30.62 31.87 32.39
HCG233b		
HCG232	M	30.00 27.72 30.04 30.48 26.76
HCG232	F	29.71 28.81 28.31 29.76 26.63
HCG325	M	34.81 32.26 35.76
HCG325	F	34.76 34.66 30.36 33.20 33.25 32.29
HCG305	M	32.21 34.26
HCG305	F	32.01 32.99 31.74 32.45 34.23 32.77 29.98
HCG234	M	29.28 29.74 32.70 32.22 31.59
HCG234	F	28.30 29.15 26.92 28.26 29.49
HCG298	M	28.02 30.07 28.08 28.84 30.04
HCG298	F	26.36 27.37 28.67 26.83 28.58

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)					
GROUP 3 - 160 MG/KG							
HCG215	M	34.61	33.24	31.81	33.03	32.64	
HCG215	F	33.57	33.86	32.74	33.43	32.65	
HCG220	M	30.70	31.27	29.94	30.48	29.87	
HCG220	F	30.99	30.56	29.98	28.43	27.67	
HCG316	M	33.39	34.91	35.05	31.55		
HCG316	F	32.93	32.43	33.45	32.78	31.09	30.92
HCG296	M	32.90	30.00	33.89	35.00	33.99	
HCG296	F	26.43	32.54	31.68	28.29	29.02	
HCG275b							
HCG329	M	30.45	32.10	33.45	32.85	32.41	
HCG329	F	31.34	31.88	29.96	29.51	31.51	
HCG260	M	30.14	34.64	29.91	30.65	30.79	
HCG260	F	28.18	32.18	31.06	28.23	30.12	
HCG295	M	33.53	32.51	31.32	30.29		
HCG295	F	30.40	30.03	29.18	31.22	29.46	
HCG240	M	36.04	32.53	36.61	34.18	34.37	
HCG240	F	33.59	34.10	34.63	31.09	33.69	
HCG291	M	27.92	30.81	30.37	29.92	28.12	
HCG291	F	30.30	31.18	27.80	32.22	23.13	
HCG335	M	32.90	32.06	32.34	30.02		
HCG335	F	26.82	27.57	31.26	28.60	30.59	
HCG238b							
HCG258	M	34.69					
HCG258	F	34.36	34.15	33.14			
HCG330b							
HCG277	M	36.02	35.43	36.67			
HCG277	F	33.88	36.07	32.14	36.33	33.30	
HCG317	M	35.69	34.05	34.72	29.56	31.61	
HCG317	F	28.71	31.07	30.43	30.27	33.52	
HCG221	M	28.14	28.16	30.28	28.38	29.26	
HCG221	F	30.98	31.39	29.20	27.20	29.78	
HCG331	M	36.93	37.91	33.31	36.36	39.30	
HCG331	F	38.01	34.80	38.06	35.85	36.80	
HCG339	M	29.21	30.55	29.30	28.65	30.19	
HCG339	F	30.62	27.83	29.06	25.97	29.83	
HCG323b							
HCG307	M	32.70	35.47				
HCG307	F	32.30	29.04				

APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)						
GROUP 3 - 160 MG/KG CONT.								
HCG314b								
HCG225	M	30.62	29.86	30.47	29.76	31.52		
HCG225	F	31.57	28.96	31.33	25.65	30.30		
HCG217b								
HCG263	M	37.02	35.25	36.20	31.32	37.16		
HCG263	F	35.66	32.69	34.44	33.72	32.16		
HCG254	M	33.79	31.97	32.33	32.44	34.60	32.33	30.09
HCG254	F	32.21						
HCG242	M	28.13	24.64	27.74	27.54	23.15		
HCG242	F	25.05	24.91	23.39	22.29	29.07		
HCG304	M	22.22	23.17	22.78	24.73	22.36		
HCG304	F	23.30	22.23	22.67	20.41	24.07		
HCG276b								
HCG302	M	43.64	40.67					
HCG302	F	35.76	38.64	41.94	40.13	32.43		

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
HCG248	M	35.03 35.22 35.13 33.96 34.85
HCG248	F	30.64 30.14 30.20 32.65 32.59
HCG294	M	22.66 22.18 22.40 21.22
HCG294	F	23.29 23.30 22.86 24.27 22.33 22.72
HCG262b		
HCG309c		
HCG252	M	29.81 30.37 34.55 26.90 29.27
HCG252	F	31.48 34.71 31.19 29.09 32.02
HCG255	M	20.46 22.08 21.66 21.95
HCG255	F	20.27 18.05 19.88 19.20 18.63
HCG337b		
HCG288c		
HCG270	M	17.62 13.46 10.55
HCG270	F	16.64 14.79 17.99 14.97 10.54
HCG211	M	28.36 32.58 31.28
HCG211	F	30.47 30.22 28.46
HCG300	M	17.73 18.42 18.53 9.45 14.03
HCG300	F	15.63 15.06 18.51 16.46 14.26
HCG320	M	26.45
HCG320	F	27.43 28.72 29.03 28.26 28.05
HCG266	Mg	
HCG266	F	18.19 19.01
HCG213b		
HCG210	M	28.73 31.17 29.71 28.61 29.59 26.58 29.73
HCG210	F	24.58 26.94
HCG306	M	20.75 15.44 19.29 14.14
HCG306	F	21.10 20.30 19.82
HCG299c		
HCG268b		
HCG226	M	29.78
HCG226	F	32.10 30.86
HCG312	M	13.46
HCG312	F	14.36 15.06
HCG253c		
HCG284b		

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG CONT.		
HCG227	M	25.08 17.91 19.07
HCG227	F	27.25 18.97 26.31 29.11 21.28 23.99
HCG293	M	7.47 24.21 27.17 24.16 23.27
HCG293	F	24.16 22.79 22.17 26.04 26.47
HCG259	M	29.74 26.78 27.57 28.61 27.67
HCG259	F	29.07 27.53 27.66 26.93 26.76
HCG230c		
HCG315	M	26.98 26.27 27.90 24.00 27.32
HCG315	F	25.15 26.38 27.43 24.62
HCG273	M	19.66 17.09 19.70 19.25 15.05 16.53 17.23
HCG273	F	16.16 14.41
HCG209b		
HCG292	M	21.97 23.80 20.48 15.35 19.31 23.57 22.72
HCG292	F	20.74

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)				
GROUP 1 - 0 MG/KG						
HCG222	M	48.82	49.16	50.78	49.53	50.64
HCG222	F	45.87	46.91	46.30	46.36	45.55
HCG224	M	54.04	61.89	67.00	61.95	63.81
HCG224	F	57.29	60.35	67.4[illegible]		
HCG321	M	47.51	50.47	48.72	47.91	49.11
HCG321	F	47.95	48.09	45.64	44.48	44.83
HCG251	M	49.25	50.30	45.73	51.66	49.60
HCG251	F	44.36	47.32	46.99	36.85	47.54
HCG274	M	56.34	52.31	52.99	61.70	53.76
HCG274	F	64.35	54.05	57.82	54.12	60.04
HCG256	M	47.01	45.47	48.56	46.69	48.55
HCG256	F	42.18	45.97	45.16	46.59	46.70
HCG237	M	54.51	57.13	55.04	53.97	58.94
HCG237	F	51.57	54.14	53.53	53.00	51.62
HCG236b						
HCG287	M	52.26	52.20	52.95	53.08	56.83
HCG287	F	51.33	48.87	44.95	48.95	51.85
HCG336	M	50.83	48.23	52.91	47.24	52.37
HCG336	F	45.63	49.44	49.31	47.05	45.64
HCG280	M	56.36	57.90	61.00	55.74	59.25
HCG280	F	52.37	59.08	61.24	58.76	52.21
HCG322	M	65.07	50.97	60.23	64.07	64.48
HCG322	F	58.99	57.09	59.24	59.36	36.12
HCG250	M	40.16	36.16	40.22	42.79	42.43
HCG250	F	38.89	39.03	42.31	37.43	40.45
HCG219	M	58.16	60.70			
HCG219	F	58.64	53.86	52.75	56.66	
HCG235b						
HCG272	M	46.35				
HCG272	F	50.09	58.58	58.99	58.06	52.96
HCG313	M	59.84	54.48	51.80	61.21	
HCG313	F	50.73	54.27	54.77		
HCG338	M	65.19	71.33	63.47		
HCG338	F	61.60	55.59	64.72	60.61	
HCG281	M	59.86	66.43	55.89	51.44	
HCG281	F	58.69	57.09	47.79	58.33	57.92
HCG319b						

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG CONT.		
HCG207	M	69.26 64.81 62.81 60.60 65.79
HCG207	F	60.53 62.36 59.90 58.74 61.87
HCG286	M	46.70 51.86 50.48 50.11 51.31 52.89 51.29 47.36 50.00
HCG286	Fd	
HCG271	M	51.68 38.70 43.77 51.60 53.10
HCG271	F	43.20 43.15 52.94 53.26 41.71
HCG261	M	64.14 48.61 59.98 57.69 60.92
HCG261	F	58.49 49.77 52.88 58.33 56.14
HCG229b		
HCG218	M	50.48 47.95 52.06 48.00 51.29
HCG218	F	46.82 44.33 43.47 43.16 47.76
HCG247	M	58.31 52.76 56.81 53.41 53.33
HCG247	F	42.72 47.79 59.55 39.03 56.31
HCG308b		
HCG297	M	44.51 54.02 45.37 50.27 40.43
HCG297	F	49.06 49.13 48.75 49.11
HCG267b		

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)				
GROUP 2 - 50 MG/KG						
HCG340	M	42.95	38.06	46.88	34.61	46.86
HCG340	F	45.68	41.70	31.41	46.73	45.12
HCG334	M	53.39	58.28	53.24	54.00	
HCG334	F	52.53	49.75	48.45	48.20	52.23
HCG311	M	55.18	56.33	60.88	59.52	53.51
HCG311	F	58.31	52.64	54.19	54.71	55.79
HCG282	M	51.79	50.49	50.83	53.30	54.14
HCG282	F	50.17	48.58	54.82	54.38	48.52
HCG212	M	53.98	56.30	51.74	57.57	53.07
HCG212	F	50.75	54.73	55.95	51.84	52.89
HCG245	M	58.35	58.25	57.64	57.15	54.82
HCG245	F	56.46	51.31	46.66	55.85	52.40
HCG326b						
HCG257b						
HCG264	M	55.25	53.43	55.84	54.96	50.59
HCG264	F	51.66	52.65	50.12	49.25	55.08
HCG333	M	46.20	50.27	53.72	41.93	40.63
HCG333	F	45.15	45.21	35.02	42.75	39.94
HCG278	M	68.95	46.25	61.76	55.97	56.64
HCG278	F	58.64	57.88	63.08	55.41	49.93
HCG332	M	56.40	49.93	52.58	58.29	56.07
HCG332	F	48.76	53.29	51.05	49.14	53.99
HCG327	M	51.28	48.28	50.13	47.47	47.50
HCG327	F	41.70	45.85	44.46	44.85	48.86
HCG241	M	57.70	53.39	56.00	61.69	54.40
HCG241	F	54.31	61.97	56.43	48.10	53.45
HCG318	M	64.24	61.54	63.90		
HCG318	F	65.29	62.25			
HCG231	M	43.65	35.49	38.83	41.74	44.31
HCG231	F	41.30	43.59	41.40	43.90	39.54
HCG283b						
HCG244	M	66.08	56.98	62.32	56.29	57.51
HCG244	F	53.52	60.12	54.59	52.17	51.51
HCG214	M	54.35	49.30	55.49	51.12	55.16
HCG214	F	52.49	48.77	51.20	55.89	55.36
HCG269	M	56.00	46.76	52.56	56.76	54.72
HCG269	F	52.29	36.94	51.79	52.00	52.53
HCG243b						

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)						
GROUP 2 - 50 MG/KG CONT.								
HCG290	M	66.39	60.16	63.31				
HCG290	F	53.80	60.59	57.71	58.80	59.74		
HCG301	M	46.92	50.77	50.66	48.28	49.64		
HCG301	F	45.95	45.22	47.82	49.10	49.13		
HCG208	M	48.94	44.14	48.84	48.59	42.47		
HCG208	F	50.96	46.80	49.52	50.05	41.76		
HCG233b								
HCG232	M	44.47	48.63	43.74	47.72	46.33		
HCG232	F	41.83	44.49	43.69	47.45	47.46		
HCG325	M	50.43	56.35	54.20				
HCG325	F	51.05	50.28	49.31	51.72	54.55	54.70	
HCG305	M	52.07	51.38					
HCG305	F	53.18	51.50	54.00	47.24	50.59	49.89	49.59
HCG234	M	55.62	54.85	48.47	52.46	48.54		
HCG234	F	45.68	44.60	43.46	47.53	45.90		
HCG298	M	45.76	46.99	46.27	46.83	45.03		
HCG298	F	41.64	42.99	46.56	48.61	44.72		

NOTES: a = Animal dead
b = Animal did not deliver
c = No pups remain
d = No female pups present
e = Not recorded due to technician oversight
f = No female pups remain
g = No male pups remain

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)					
GROUP 3 - 160 MG/KG							
HCG215	M	59.15	54.13	59.00	56.52	57.46	
HCG215	F	59.22	55.37	57.36	59.29	55.70	
HCG220	M	46.50	50.80	54.61	51.02	47.38	
HCG220	F	51.91	51.84	44.37	47.69	48.35	
HCG316	M	48.87	55.74	53.33	51.88		
HCG316	F	43.12	49.78	49.32	46.95	48.05	50.27
HCG296	M	49.99	53.84	51.06	47.36	48.21	
HCG296	F	41.99	48.53	51.67	44.47	43.63	
HCG275b							
HCG329c							
HCG260	M	56.90	48.73	51.82	51.22	52.00	
HCG260	F	48.90	55.72	49.18	47.77	57.81	
HCG295	M	51.19	48.99	51.56	54.16		
HCG295	F	49.84	46.72	47.44	46.57	50.58	
HCG240	M	55.66	50.83	60.99	54.66	59.53	
HCG240	F	53.90	49.09	55.59	51.43	53.36	
HCG291	M	48.77	45.45	47.58	42.84	39.91	
HCG291	F	37.90	50.68	48.31	50.59	42.64	
HCG335	M	57.06	54.53	54.15	50.55		
HCG335	F	44.75	50.73	46.97	48.57	44.71	
HCG238b							
HCG258	M	56.78					
HCG258	F	56.35	54.47	54.12			
HCG330b							
HCG277	M	57.43	57.42	55.91			
HCG277	F	52.32	57.06	49.80	60.39	54.57	
HCG317	M	55.09	61.79	52.00	58.80	52.08	
HCG317	F	52.19	51.05	52.48	54.61	49.91	
HCG221	M	41.29	44.94	44.73	44.60	44.74	
HCG221	F	46.89	49.14	43.35	42.11	44.60	
HCG331	M	55.48	60.68	56.20	51.12	59.34	
HCG331	F	54.15	54.30	58.30	55.34	60.03	
HCG339	M	45.65	48.02	46.46	47.86	47.94	
HCG339	F	45.49	39.19	46.96	47.63	45.28	
HCG323b							
HCG307	M	57.99	62.82				
HCG307	F	55.09	53.39				

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)						
GROUP 3 - 160 MG/KG CONT.								
HCG314b								
HCG225	M	44.96	50.58	46.98	45.61	47.58		
HCG225	F	45.74	43.40	40.82	49.88	48.63		
HCG217b								
HCG263	M	59.85	61.08	55.38	51.60	55.73		
HCG263	F	52.93	55.71	47.95	53.68	55.86		
HCG254	M	49.44	53.34	54.77	51.10	49.71	55.72	56.45
HCG254	F	52.09						
HCG242	M	37.72	38.44	41.73	36.19	38.40		
HCG242	F	38.30	40.29	35.78	35.73	33.33		
HCG304	M	39.01	45.39	41.67	41.99	42.91		
HCG304	F	43.94	40.31	39.44	37.53	38.48		
HCG276b								
HCG302	M	66.77	69.65					
HCG302	F	53.67	67.00	60.57	67.19	52.58		

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)						
GROUP 4 - 500 MG/KG								
HCG248	M	50.65	54.42	50.57	48.72	49.56		
HCG248	F	44.17	46.25	42.36	43.57	46.57		
HCG294	M	31.07	31.62	29.35	31.55			
HCG294	F	30.51	32.52	35.15	32.03	31.28	30.13	
HCG262b								
HCG309c								
HCG252	M	50.83	39.21	47.07	46.09	42.63		
HCG252	F	53.54	48.74	46.08	43.95	44.43		
HCG255	M	30.39	30.24	29.16	28.32			
HCG255	F	27.48	28.65	27.83	26.72	25.60		
HCG337b								
HCG288c								
HCG270	M	26.92	19.65					
HCG270	F	26.80	23.64	23.20	16.28	21.85		
HCG211	M	48.09	40.77	46.96				
HCG211	F	44.36	41.05	44.01				
HCG300	M	28.44	22.90	27.42	26.59	16.01		
HCG300	F	27.40	26.51	23.72	23.57	22.56		
HCG320	M	43.36						
HCG320	F	44.84	46.61	46.82	47.45	47.55		
HCG266	Mg							
HCG266	F	34.36	32.24					
HCG213b								
HCG210	M	46.10	42.11	45.55	46.01	45.06	47.70	45.62
HCG210	F	31.34	40.87					
HCG306	M	28.49	25.65	20.86	18.08			
HCG306	F	27.85	28.48	24.62				
HCG299c								
HCG268b								
HCG226	M	43.23						
HCG226	F	44.27	44.16					
HCG312	M	24.93						
HCG312	F	26.51	26.45					
HCG253c								
HCG284b								

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APPENDIX FF - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG CONT.		
HCG227	M	29.92 31.80 39.18
HCG227	F	41.52 35.41 30.22 39.73 45.45 36.59
HCG293	M	34.28 38.39 36.40 35.37
HCG293	F	33.89 38.89 38.47 32.87 32.47
HCG259	M	34.15 37.65 39.73 36.08 37.48
HCG259	F	39.22 37.45 37.68 37.46 36.34
HCG230c		
HCG315	M	39.12 36.60 37.94 35.91 33.48
HCG315	F	34.61 38.78 36.93 34.87
HCG273	M	28.59 25.34 25.71 33.45 32.68 27.77 32.22
HCG273	F	26.54 22.30
HCG209b		
HCG292	M	24.46 31.60 33.33 29.22 31.35 32.35 26.05
HCG292	F	29.75

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG		
HCG222	M	7.62 7.04 7.58 7.73 7.06 6.67 7.32 7.01
HCG222	F	7.01 6.97 7.47 7.96 6.75
HCG224a		
HCG321	M	7.31 7.21 7.49 7.22 8.13 7.33
HCG321	F	6.62 6.12 5.59 5.68 5.57
HCG251	M	6.62 6.43 5.67 6.29 6.17 6.44 6.33 6.41
HCG251	F	5.85 5.94 6.09 6.38 6.19 5.18 5.98 5.77 6.47 5.98
HCG274	M	7.72 8.85 8.22
HCG274	F	7.65 7.97 7.39 7.75 8.22 6.74 7.92 7.40 8.08 7.79
HCG256	M	8.24 7.64
HCG256	F	7.80 7.85 7.78
HCG237	M	7.21 7.12 6.84 7.44 7.08 7.46
HCG237	F	6.84 6.55 6.71 6.63 6.92 6.45 6.76
HCG236b		
HCG287a		
HCG336	M	7.11 7.12 7.59 7.31 7.27 7.17 7.40
HCG336	F	6.29 6.77 7.40 6.27 6.66
HCG280	M	7.96 6.79 7.59
HCG280	F	7.34
HCG322	M	6.85 7.30 6.60 6.45 6.73
HCG322	F	6.42 6.69 6.11 5.56 6.13 6.59 5.38 5.07 5.84 5.95 5.37
HCG250a		
HCG219	M	7.30 7.09 7.16 6.80 7.24 7.04 6.86
HCG219	F	5.97 6.53 6.44 6.26 6.49 6.75 6.27 6.89 6.80 6.79 5.79
HCG235b		
HCG272a		
HCG313a		
HCG338	M	5.76 5.92 5.64 6.11 6.09 5.95
HCG338	F	5.76 5.22 5.56 5.82 6.33 5.83 5.51 5.50 6.19
HCG281a		
HCG319b		
HCG207a		
HCG286	M	6.66 6.55 6.53 6.37 5.96 7.05 5.77 6.26 6.85
HCG286	F	5.85 4.99 5.63 6.31 5.98
HCG271	M	8.24 7.87 8.38 7.13 6.94 7.90 8.57
HCG271	F	8.21 7.71
HCG261a		
HCG229b		
HCG218	M	6.98 6.65 6.98 6.66 6.92 6.68 7.61 7.91
HCG218	F	6.54 7.34 7.25 7.32 7.45
HCG247	M	7.58 7.25 7.22 7.02 7.38
HCG247	F	7.47 6.57 7.68 7.71 6.58
HCG308b		
HCG297	M	6.41 6.29 6.40 6.18 7.12 6.51 6.51 6.16 6.54 6.18
HCG297	F	6.28 7.07 6.22 6.39 6.19 6.36 5.65 5.99
HCG267b		

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
HCG340	M	5.86 5.62 5.74 5.50 6.05 5.23 6.20 5.47 5.92 5.77
HCG340	F	5.38 5.40 5.15 5.43 5.48 5.88
HCG334	M	6.27 5.86 6.07 6.74 5.38
HCG334	F	5.80 5.28 5.25 5.24 5.80 5.63 5.33 5.30 5.12 5.27 5.74 5.09
HCG311	M	7.58 7.85 7.61 7.64 6.68 8.16 5.62 7.15 7.63 7.42
HCG311	F	7.40 7.47 6.07 7.07 7.19 4.72
HCG282a		
HCG212	M	6.95 7.17 6.78 6.89 7.19 7.41 7.66 6.36 7.53
HCG212	F	6.47 6.96 7.38 6.18 6.58 6.75
HCG245	M	7.71 6.92 6.64 7.13 6.88 7.53 6.95 6.91
HCG245	F	6.07 6.91 6.83 6.55 6.64 5.89
HCG326b		
HCG257b		
HCG264	M	6.41 4.54 6.16 6.64 6.33 6.56 6.63 6.32
HCG264	F	6.02 6.08 5.86 5.92 5.74 5.56
HCG333a		
HCG278	M	7.38 6.88 5.51 6.38 7.40 7.92
HCG278	F	6.42 7.02 6.17 4.17 6.35 5.61 6.67 6.27 6.33 6.61 6.62
HCG332	M	7.17 6.15 6.64 5.74 5.37 6.15 5.37 6.19 5.42 5.73
HCG332	F	6.00 6.22 5.89 5.75 4.68 5.58 5.03 6.07
HCG327	M	6.79 6.30 6.47 7.09 7.60
HCG327	F	6.16 6.56 6.25 6.71 6.75 6.52 6.55
HCG241a		
HCG318a		
HCG231a		
HCG283b		
HCG244	M	7.82 7.31 7.29 7.55 7.90 7.61
HCG244	F	8.23 8.09
HCG214	M	7.14 7.20 7.81 7.94 8.00 8.25 7.69
HCG214	F	7.45 7.35 8.19
HCG269	M	5.89 6.33 6.29 6.27
HCG269	F	5.40 6.19 6.95 5.42 5.67 5.56 5.94 6.33 6.23 5.95 5.40
HCG243b		
HCG290	M	6.24 7.56 6.34 6.99 6.82 7.59 6.07 6.71 6.43 6.92
HCG290	F	5.97 5.51 6.21 6.09 6.02 6.00
HCG301	M	6.06 6.01 6.33 6.43 5.87 6.18 6.37 6.27
HCG301	F	6.74 6.04 6.60 6.25 6.15 6.57 6.25
HCG208a		
HCG233b		
HCG232a		
HCG325	M	7.39 7.40 7.79
HCG325	F	7.47 6.41
HCG305a		
HCG234	M	5.46 6.97 6.81 6.60
HCG234	F	6.39 6.15 6.93 6.15 6.15 6.20 6.63 5.48 6.23 6.41 6.43
HCG298a		

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG		
HCG215	M	7.75 6.98 7.07 7.33 6.64 6.67
HCG215	F	7.52 6.98 6.95 6.73 6.86 6.56 6.59 6.91 6.98 6.89
HCG220	M	6.85 6.78 6.89 6.91 6.86 7.08 6.66
HCG220	F	6.39 6.51 6.74 6.74 6.49 6.07
HCG316	M	7.56 6.95 7.30 6.43 7.16 6.25
HCG316	F	6.13 6.70 6.75 6.47 5.96 6.68 6.13 6.50
HCG296	M	5.76 5.97 5.86 5.65 5.97 5.36 5.78 5.08 5.37 5.25 5.34
HCG296	F	4.91 5.22 4.84 4.96 5.14
HCG275b		
HCG329	M	6.43 6.59 6.66 7.09 7.18 6.14 5.36 7.07
HCG329	F	6.01 6.53 5.76 5.78 5.99 6.02 5.95 6.43 6.78
HCG260	M	6.31 7.30 6.93 6.71 5.92 6.59 7.02 6.46 7.08 6.18 5.79 5.93 5.92
HCG260	F	5.31 6.68 6.34 4.52
HCG295	M	7.00 6.35 6.39 5.65 5.40 4.76 4.52 7.07
HCG295	F	5.36 5.34 6.00 6.71 5.92 5.49 6.71
HCG240	M	3.61 6.16 6.26 6.03 5.95 6.26 6.21 6.13 6.04 6.02
HCG240	F	5.79 5.99 6.03 5.57 5.47 6.04 5.95
HCG291	M	7.21 6.84 7.15 7.26 7.37 7.23 7.76
HCG291	F	6.14 5.95 6.23 6.66 7.12
HCG335a		
HCG238b		
HCG258	M	6.26 6.63 6.65 6.42 7.36 7.26
HCG258	F	6.55 6.05 7.06
HCG330b		
HCG277a		
HCG317a		
HCG221	M	5.13 5.98 5.44 6.16 5.45 6.07 6.54 5.61 5.90
HCG221	F	5.83 5.94 5.86 4.89 6.55 6.13 4.82
HCG331	M	7.53 7.35 7.86 7.80 7.91 8.64 7.49 8.61 7.49
HCG331	F	7.11 6.77 7.32 7.09 6.44 5.04 7.42 7.35
HCG339	M	6.69 3.92 6.57 6.24 6.47 6.39 6.39
HCG339	F	5.98 5.44 6.69 6.44 6.34 5.83 6.36 6.03 6.49
HCG323b		
HCG307	M	6.58 7.42 7.15 7.45 6.91 6.27 6.37
HCG307	F	5.44 6.62 5.82 6.20 6.36 7.13 5.90 6.63
HCG314b		
HCG225a		
HCG217b		
HCG263a		
HCG254	M	6.10 6.46 6.08 5.97 6.18 5.62
HCG254	F	4.30 5.47 5.36 5.13 5.70 5.34 4.86
HCG242a		
HCG304	M	7.47 7.69
HCG304	F	7.13 6.86 6.62 6.48
HCG276b		
HCG302	M	7.36 7.50
HCG302	F	7.46 7.17 7.41 6.92 6.70 7.35 6.84

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
HCG248	M	6.86 6.24 6.52 7.04 6.44 7.16 6.71 6.34
HCG248	F	6.21 6.51 6.49
HCG294a		
HCG262b		
HCG309a		
HCG252	M	5.73 6.28 6.36 6.57 6.44 6.16 7.06
HCG252	F	5.61 6.30 6.02 5.49 5.66 5.10 6.05 6.11 6.37 5.70 5.57
HCG255	M	5.64 5.01 5.90 5.88 5.45 5.82 5.25 4.94
HCG255	F	5.26 5.32 5.35 4.99 5.04 5.33 5.35 5.61 5.07 4.96
HCG337b		
HCG288	M	5.05 5.12 4.58
HCG288	F	4.56
HCG270	M	4.87 4.96 4.34 5.55 5.37 5.02
HCG270	F	5.31 4.57 4.97 5.66 5.39 5.23 5.33 5.00
HCG211	M	5.48 5.82 5.97
HCG211	F	5.56 5.20 4.08 5.96 4.67 5.39 5.52 5.72 5.44
HCG300	M	5.58 6.23 6.06 6.25 5.65 5.94 5.62 5.68
HCG300	F	5.49 5.89 5.75 6.09 6.23
HCG320	M	7.77 8.39 7.94
HCG320	F	6.87 7.54
HCG266	M	6.63 5.84
HCG266	F	4.72 5.59 4.14 5.54 5.84 4.05
HCG213b		
HCG210	M	5.98 6.33 5.23 5.45 5.86 6.37 5.57 5.65 6.34
HCG210	F	5.22 5.53 6.18
HCG306a		
HCG299	M	5.14 5.11 4.93 5.25 4.93
HCG299	F	4.52 4.74 4.29 4.80 4.68 4.70 4.61 4.47
HCG268b		
HCG226	M	5.31 5.58 5.71 5.74 5.01 5.78 5.86 6.11
HCG226	F	4.70 5.39 5.15 5.72 4.62 5.45 4.70 5.16
HCG312a		
HCG233a		
HCG284b		
HCG227	M	5.35 5.01 4.36 5.10 4.81 5.36 4.69
HCG227	F	4.58 4.51 4.31 5.00 4.64 4.12 5.07 4.35 4.29 4.80
HCG293	M	5.05 5.10 4.95 5.13 4.97 4.99 4.87 4.60 5.12 4.54 5.30 4.83
HCG293	F	4.53 4.76 4.60 4.51 4.12 5.15
HCG259a		
HCG230a		
HCG315	M	6.44 6.08 6.73 6.07 6.45 6.16 5.49
HCG315	F	6.01 5.67 5.96 6.34 5.79 5.73 5.58 6.05 6.02
HCG273	M	5.07 4.44 4.56 4.86
HCG273	F	4.36 4.70 4.08 4.97 4.18 4.78 4.76 5.64 4.43
HCG209b		
HCG292a		

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG		
HCG222	M	7.53 7.99 7.98 7.58 8.22 7.35 8.05 8.02
HCG222	F	7.64 8.17 7.59 7.57 8.59
HCG224a		
HCG321	M	7.06 6.93 6.85 7.15 8.09 7.06
HCG321	F	6.49 7.76 6.59 6.37 7.13
HCG251	M	6.97 6.81 6.77 5.36 7.11 6.75 7.02 6.93 6.80
HCG251	F	6.15 5.93 6.56 6.58 6.35 6.50 7.07 6.41 7.13
HCG274	M	8.98 8.83 7.51
HCG274	F	9.40 8.85 7.58 8.73 8.57 9.06 8.63 9.00 8.84 9.10
HCG256	M	9.56 8.23
HCG256	F	8.92 8.86 9.05
HCG237	M	7.84 7.56 7.58 7.87 7.38 7.15
HCG237	F	6.88 7.26 7.16 6.95 7.15 7.34 7.46
HCG236b		
HCG287a		
HCG336	M	7.76 7.95 7.75 8.12 7.69 7.89 8.26
HCG336	F	6.95 7.58 6.98 7.89 7.19
HCG280	M	7.61 8.75 8.48
HCG280	F	8.63
HCG322	M	7.42 7.42 7.12 6.91 6.90
HCG322	F	5.99 6.85 6.07 5.61 6.74 5.83 7.01 6.33 5.29 5.80 6.55
HCG250a		
HCG219	M	7.29 7.34 7.54 7.81 6.85 7.65 7.55
HCG219	F	5.92 7.12 6.59 6.44 6.53 7.03 7.07 7.06 7.02 7.09 6.91
HCG235b		
HCG272a		
HCG313a		
HCG338	M	6.23 6.51 6.81 6.26 6.49 6.76
HCG338	F	6.03 6.03 6.91 6.39 6.16 6.08 6.23 6.60 6.69
HCG281a		
HCG319b		
HCG207a		
HCG286	M	7.85 7.63 6.97 7.94 7.36 6.56 7.00 7.65
HCG286	F	7.02 6.62 5.73 6.39 7.27
HCG271	M	7.48 9.10 8.40 8.84 7.35 8.14 9.35
HCG271	F	8.99 8.22
HCG261a		
HCG229b		
HCG218	M	7.88 7.45 7.67 8.56 7.14 7.65 7.75 7.71
HCG218	F	8.40 7.97 7.66 7.25 8.41
HCG247	M	8.53 8.06 8.05 7.66 8.14
HCG247	F	7.57 7.22 8.32 8.31 8.33
HCG308b		
HCG297	M	6.37 6.41 6.33 6.34 6.78 6.36 6.19 6.59 6.90 6.66 6.45
HCG297	F	7.34 6.29 7.45 5.69 6.14 5.61 5.54
HCG267b		

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
HCG340	M	6.47 6.10 6.38 5.86 6.15 6.45 5.75 6.10 5.90 6.36
HCG340	F	6.42 5.87 5.91 5.57 6.11 5.85
HCG334	M	6.51 6.14 7.07 6.63 5.82
HCG334	F	6.30 5.25 5.10 5.58 5.54 5.84 5.82 6.20 6.04 6.38 5.57 6.18
HCG311	M	9.16 7.49 8.76 8.09 8.18 6.35 8.71 7.97 8.74 9.01
HCG311	F	7.88 7.90 8.04 5.41 6.71 7.97
HCG282a		
HCG212	M	8.39 7.61 8.04 8.35 7.21 7.65 7.97 7.80 8.33
HCG212	F	7.43 7.33 7.25 8.19 7.79 7.80
HCG245	M	8.32 7.37 7.52 7.11 7.81 7.00 7.56 8.08
HCG245	F	6.44 6.35 6.96 7.13 7.41 7.51
HCG326b		
HCG257b		
HCG264	M	6.93 6.96 6.99 6.71 7.88 7.20 7.35
HCG264	F	6.03 5.93 5.82 7.15 6.51 6.54
HCG333a		
HCG278	M	8.81 7.61 7.95 8.26 7.02 6.01
HCG278	F	7.18 7.16 7.54 6.46 7.09 6.85 7.32 7.66 7.14 7.11
HCG332	M	8.09 7.29 6.24 5.72 5.85 7.23 6.85 6.60 6.13 6.74
HCG332	F	6.75 6.86 6.26 6.96 6.50 5.54 7.16 5.48
HCG327	M	7.11 7.19 6.76 7.12 7.21
HCG327	F	6.69 7.23 7.04 7.22 7.40 7.53 7.93
HCG241a		
HCG318a		
HCG231a		
HCG283b		
HCG244	M	7.89 8.31 7.45 8.14 7.12 7.69
HCG244	F	8.25 8.74
HCG214	M	8.38 9.16 8.09 8.73 9.00 9.21 8.06
HCG214	F	9.29 8.62 8.48
HCG269	M	7.41 7.25 6.93 7.36
HCG269	F	6.49 6.38 8.33 7.20 6.43 6.81 6.15 7.42 5.99 6.82
HCG243b		
HCG290	M	7.30 7.10 7.99 6.41 8.01 6.81 7.66 6.60 7.64 6.73
HCG290	F	6.56 6.20 6.65 5.47 5.99 6.20
HCG301	M	6.76 6.90 6.72 7.06 6.81 6.95 6.96 7.38
HCG301	F	6.98 6.41 6.63 6.47 6.93 6.31 6.62
HCG208a		
HCG233b		
HCG252a		
HCG325	M	8.34 8.25 7.95
HCG325	F	8.24 7.01
HCG305a		
HCG234	M	6.80 4.63 6.43 6.67
HCG234	F	5.79 5.73 6.50 6.30 7.11 6.45 6.43 6.15 5.40 6.33 6.13
HCG298a		

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG		
HCG215	M	6.99 7.04 7.25 7.45 6.97 7.79 7.04
HCG215	F	7.77 7.11 7.08 6.95 6.90 7.09 7.13 6.88 7.27
HCG220	M	7.19 7.57 7.33 7.23 7.36 7.56 7.24
HCG220	F	7.33 6.92 6.98 7.40 7.17 6.84
HCG316	M	8.08 8.09 8.24 6.94 7.20 7.41 7.80
HCG316	F	7.33 7.23 7.02 6.90 7.43 6.75 7.15
HCG296	M	5.58 6.46 6.13 6.23 6.12 5.97 5.74 6.71 6.54 6.31 5.49
HCG296	F	5.30 5.81 5.77 5.51 5.46
HCG275b		
HCG329	M	7.79 7.28 6.76 7.02 6.54 7.59 7.07
HCG329	F	7.31 6.37 6.95 6.68 6.31 6.52 6.64 5.97 6.01
HCG260	M	7.05 6.39 7.78 6.18 6.13 7.24 6.62 6.33 7.15 7.03 6.90 7.74 7.70
HCG260	F	5.03 5.35 7.25 5.67
HCG295	M	4.09 7.51 5.93 6.84 6.74 6.05 7.55
HCG295	F	5.92 7.36 6.35 6.41 6.55 5.99 7.48
HCG240	M	6.61 6.81 6.37 6.94 6.29 6.79 7.12 6.56 3.77 6.52
HCG240	F	6.41 6.20 6.54 6.64 7.03 5.97
HCG291	M	6.90 7.93 7.65 7.20 7.41 7.51 7.34
HCG291	F	6.35 6.76 6.45 6.64 6.48
HCG335a		
HCG238b		
HCG258	M	7.78 6.87 6.69 7.08 7.04 7.99
HCG258	F	7.81 6.67 7.41
HCG330b		
HCG277a		
HCG317a		
HCG221	M	5.76 7.40 6.89 6.63 5.86 6.35 7.01 7.02
HCG221	F	6.95 6.46 6.82 5.53 6.16 4.90 6.57 6.45
HCG331	M	7.94 8.57 8.15 7.76 7.79 8.10 8.34 7.72 7.82
HCG331	F	7.25 7.13 6.91 4.07 7.04 7.31 6.05 6.34
HCG339	M	7.11 6.74 7.13 6.79 6.43 6.93
HCG339	F	6.96 6.58 5.84 6.30 7.22 6.37 6.91 7.02 6.28
HCG323b		
HCG307	M	7.95 8.25 8.09 7.76 7.10 8.28 6.83
HCG307	F	7.90 6.75 7.29 6.45 7.21 7.46 7.38 6.53
HCG314b		
HCG225a		
HCG217b		
HCG263a		
HCG254	M	6.81 6.48 5.93 6.56 5.96 6.40
HCG254	F	5.10 5.56 5.89 6.08 5.66 5.30 4.34
HCG242a		
HCG304	M	8.02 8.42
HCG304	F	7.72 7.36 6.95 7.56
HCG276b		
HCG302	M	8.42 8.51
HCG302	F	7.63 7.58 8.53 8.28 8.29 7.84 8.38

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
HCG248	M	7.34 7.27 6.72 6.81 7.62 7.09 6.45 6.95
HCG248	F	6.85 7.05 6.33
HCG294a		
HCG262b		
HCG309a		
HCG252	M	6.24 6.20 6.22 7.37 5.65 6.11 6.58
HCG252	F	6.01 5.61 6.45 5.20 5.45 5.55 5.90 5.81 5.87 5.91
HCG255	M	5.07 5.13 4.77 5.32 4.44 4.54 5.25
HCG255	F	4.56 4.54 4.43 4.78 4.45 4.84 4.85 4.36 4.73
HCG337b		
HCG288c		
HCG270	M	5.71 6.32 5.75 5.46 4.45 5.99
HCG270	F	6.09 6.12 5.91 6.19 5.63 6.01 5.60 5.98
HCG211	M	6.06 5.56 6.43
HCG211	F	5.65 5.40 5.66 5.20 5.91 3.84 6.49 5.55 4.86
HCG300	M	7.10 6.22 6.28 6.09 6.21 7.50 6.55 6.59
HCG300	F	6.32 6.71 6.12 7.02 6.76
HCG320	M	9.23 8.45 8.47
HCG320	F	7.33 8.09
HCG266	M	6.54 6.94
HCG266	F	5.04 6.49 6.07 4.53 5.91 4.49
HCG213b		
HCG210	M	6.88 7.10 6.18 6.33 6.98 6.71 5.97 7.04 6.17
HCG210	F	6.74 6.41 5.77
HCG306a		
HCG299	M	4.11 4.41
HCG299	F	4.03
HCG268b		
HCG226	M	5.21 6.18 6.41 5.99 5.73 6.01 5.99
HCG226	F	4.79 5.59 5.49 5.17 6.13 5.17 4.67 4.86 4.74
HCG312a		
HCG253a		
HCG284b		
HCG227	M	4.74 4.51 4.60 4.41 4.45
HCG227	F	4.65 4.56 3.58 4.38 4.42 3.73 3.83 3.73
HCG293	M	4.49 4.74 4.50 4.64 4.44 4.44 4.48 4.78 4.54 3.89
HCG293	F	4.07 4.59 3.61
HCG259a		
HCG230a		
HCG315	M	5.30 5.34 5.33 5.85 5.61 6.17 4.85
HCG315	F	5.62 5.40 4.89 5.21 5.16 5.01 4.86 5.29 5.04
HCG273	M	4.05 4.83 3.82 5.12
HCG273	F	4.14 4.64 3.75 3.81 4.51 4.81
HCG209b		
HCG292a		

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG		
HCG222	M	11.82 11.15 11.18 11.36 12.30 11.97 11.36 11.73
HCG222	F	11.35 12.54 11.28 11.02 12.31
HCG224a		
HCG321	M	10.72 10.79 10.71 10.23 10.25 11.97
HCG321	F	11.97 9.84 10.04 9.82 10.63
HCG251	M	9.57 9.21 7.77 8.81 9.31 9.28 6.39 8.00 8.88
HCG251	F	7.99 9.60 7.26 8.27 7.56 8.56 8.06 7.36 8.22
HCG274	M	10.27 13.73 12.44
HCG274	F	12.59 12.26 12.21 9.67 12.56 12.92 11.18 12.98 12.41 11.84
HCG256	M	10.20 12.63
HCG256	F	12.45 12.32 12.70
HCG237	M	11.20 10.67 11.03 10.69 11.27 10.85
HCG237	F	10.52 10.15 10.43 9.79 10.18 10.34 10.07
HCG236b		
HCG287a		
HCG336	M	11.27 10.78 11.87 10.58 10.98 11.38 11.33
HCG336	F	10.77 9.95 11.22 9.67 9.80
HCG280	M	13.56 15.81 15.33
HCG280	F	15.44
HCG322	M	10.80 10.81 13.32 11.30 11.38
HCG322	F	11.04 10.00 9.71 8.26 9.35 9.44 9.92 11.73 10.52 9.53 11.47
HCG250a		
HCG219	M	10.26 10.23 10.76 9.57 10.14 9.75 10.52
HCG219	F	9.59 9.51 10.24 9.10 9.00 9.80 10.39 9.45 8.11 9.39 9.13
HCG235b		
HCG272a		
HCG313a		
HCG338	M	9.73 9.98 9.24 9.48 9.47 9.61
HCG338	F	10.16 8.38 9.57 8.57 8.93 7.76 8.30 6.64 8.57
HCG281a		
HCG319b		
HCG207a		
HCG286	M	11.15 9.91 9.65 11.13 9.61 11.10 10.84 10.38
HCG286	F	8.33 10.37 10.40 9.77 9.45
HCG271	M	10.61 13.44 12.64 11.13 13.94 10.86 12.96
HCG271	F	11.14 11.08
HCG261	Ma	
HCG229b		
HCG218	M	11.95 11.07 9.67 12.13 11.23 11.96 10.79 11.48
HCG218	F	12.10 12.17 10.70 12.24 10.75
HCG247	M	12.65 13.32 12.91 14.60 14.00
HCG247	F	13.95 12.68 13.45 11.81 13.76
HCG308b		
HCG297	M	9.00 8.38 9.51 8.91 9.46 9.41 9.22 8.43 9.26 9.10 8.41 8.99
HCG297	F	7.89 7.09 9.02 8.78 10.44 7.59
HCG267b		

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
HCG340	M	7.50 8.58 8.68 9.50 8.14 8.53 9.74 9.78 9.34 8.38
HCG340	F	8.55 9.00 8.34 9.04 8.44 9.09
HCG334	M	9.30 9.[illegible]3 10.16 8.99 10.29
HCG334	F	9.38 8.49 9.56 8.67 7.91 7.46 7.71 7.38 8.71 7.54 9.40 8.50
HCG311	M	12.57 13.19 12.83 9.60 12.91 11.83 12.33 13.35 12.67 11.02
HCG311	F	11.93 11.76 8.26 10.00 12.22 12.26
HCG282a		
HCG212	M	11.45 11.21 11.61 11.11 10.63 10.87 12.60 11.36 10.32
HCG212	F	10.75 10.90 10.51 9.88 9.48 10.81
HCG245	M	9.42 10.52 8.94 10.12 9.29 9.94 10.10 9.57
HCG245	F	9.85 8.47 9.95 9.12 8.62 7.82
HCG326b		
HCG257b		
HCG264	M	10.82 9.27 8.81 9.04 8.98 9.11 9.78
HCG264	F	8.12 8.63 7.10 9.87 7.59 7.14
HCG333a		
HCG278	M	11.11 12.84 9.93 10.02 10.72 7.40
HCG278	F	10.87 10.88 11.40 10.55 10.36 9.24 9.25 9.46 10.75 9.73
HCG332	M	10.42 10.60 7.64 9.16 10.05 10.50 11.13 8.93 10.61 8.90
HCG332	F	10.04 10.06 7.47 8.74 10.04 9.96 9.40 9.70
HCG327	M	10.55 10.15 10.31 10.73 10.47
HCG327	F	9.74 9.60 10.27 10.11 10.16 10.15 10.44
HCG241a		
HCG318a		
HCG231a		
HCG283b		
HCG244	M	11.12 12.48 13.87 11.13 12.65
HCG244	F	13.11 13.49
HCG214	M	12.58 11.30 11.84 11.38 12.51 11.84
HCG214	F	12.56 11.67 11.69
HCG269	M	10.79 11.17 10.99 11.09
HCG269	F	9.96 10.24 8.89 10.20 9.98 11.59 11.40 8.51 8.67 9.87
HCG243b		
HCG290	M	8.69 10.40 10.79 12.19 11.48 10.23 9.36 11.48 13.05
HCG290	F	9.69 10.31 6.93 9.26 9.41 9.86
HCG301	M	10.65 10.17 11.15 9.75 10.66 10.30 10.12 11.37
HCG301	F	10.43 10.43 9.99 11.33 10.62 10.64 10.45
HCG208a		
HCG233b		
HCG232a		
HCG325	M	12.22 12.75 12.62
HCG325	F	12.85 10.80
HCG305a		
HCG234	M	7.78 9.22 9.91 9.66
HCG234	F	9.63 9.62 6.81 8.84 9.91 8.81 10.05 9.88 6.70 8.14 10.43
HCG298a		

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG		
HCG215	M	11.02 10.20 9.93 9.21 8.96 10.62 9.70
HCG215	F	10.69 10.03 9.43 10.60 9.88 8.83 9.55 10.00 9.57
HCG220	M	9.87 9.89 10.29 9.72 10.68 10.05 9.71
HCG220	F	10.65 10.34 9.17 10.17 9.69 9.65
HCG316	M	10.06 10.55 11.66 9.96 11.03 10.46 11.42
HCG316	F	10.46 10.12 9.40 9.29 10.10 9.73 10.31
HCG296	M	10.34 9.09 10.42 9.26 10.10 8.10 10.05 8.76 8.43 9.71
HCG296	F	8.56 8.57 9.43 8.63 8.58
HCG275b		
HCG329	M	9.21 9.82 10.32 9.79 10.45 9.90 8.85
HCG329	F	9.32 7.86 9.80 10.20 9.01 8.56 8.77 8.44 9.00
HCG260	M	9.04 10.12 10.04 9.88 8.71 8.94 10.70 8.04 8.82 9.37 10.28 8.94 8.84
HCG260	F	6.93 7.71 9.09 10.61
HCG295	M	11.21 9.77 8.90 11.38 9.50 8.24
HCG295	F	10.88 9.22 9.40 10.86 8.49 7.91
HCG240	M	10.17 9.98 10.82 10.17 10.66 10.21 9.02 5.10 10.97 9.86 9.29
HCG240	F	9.95 10.30 10.23 9.48 10.11 9.97
HCG291	M	10.92 9.99 11.41 10.05 11.43 9.23 9.75
HCG291	F	8.55 10.27 9.50 8.51 10.15
HCG335a		
HCG238b		
HCG258	M	9.06 9.66 8.89 11.35 11.44 8.55
HCG258	F	10.75 10.24 9.53
HCG330b		
HCG277a		
HCG317a		
HCG221	M	10.82 9.28 11.11 8.55 11.44 11.20 10.40 10.95
HCG221	F	10.86 11.13 8.75 9.32 10.82 7.79 10.19 10.90
HCG331	M	11.55 12.97 12.16 9.67 12.67 9.11 13.49 8.43 12.71
HCG331	F	9.87 6.47 9.65 11.49 11.17 9.56 10.71 10.00
HCG339	M	9.73 9.69 10.01 10.72 9.94 8.40
HCG339	F	10.12 8.99 10.03 9.72 9.91 8.92 9.60 8.56 8.70
HCG323b		
HCG307	M	13.25 10.51 12.59 11.33 12.02 12.59 11.71
HCG307	F	10.32 11.05 10.66 11.54 11.98 11.04 11.47 10.34
HCG314b		
HCG225a		
HCG217b		
HCG263a		
HCG254	M	9.93 9.52 9.59 10.54 11.15 9.88
HCG254	F	7.62 8.63 9.36 6.73 8.33 9.84 8.53
HCG242a		
HCG304	M	11.60 11.41
HCG304	F	10.90 9.76 11.32 10.79
HCG276b		
HCG302	M	11.95 11.32
HCG302	F	10.60 10.46 10.78 11.93 11.31 10.45 10.09

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
HCG248	M	8.01 10.06 10.32 11.33 9.23 10.51 10.37 9.21
HCG248	F	9.71 8.76 9.79
HCG294a		
HCG262b		
HCG309a		
HCG252	M	6.52 7.71 6.36 6.49 6.39 4.89 6.31
HCG252	F	6.46 5.56 4.79 5.84 5.25 7.10 5.67 5.56 6.49
HCG255c		
HCG337b		
HCG288c		
HCG270	M	7.90 6.42 6.99 6.44 4.81
HCG270	F	7.58 7.19 7.87 6.54 6.59 6.27 7.40
HCG211	M	8.55 7.86 6.85
HCG211	F	7.11 4.67 7.53 6.19 6.60 7.41 7.24 8.81 7.26
HCG300	M	7.12 8.85 8.43 8.01 7.71 7.01 7.26 6.99
HCG300	F	7.13 7.06 8.01 7.82 7.44
HCG320	M	13.97 13.58 15.33
HCG320	F	12.95 14.13
HCG266	M	11.30 10.94
HCG266	F	9.19 7.57 11.00 9.99 7.13 7.08
HCG213b		
HCG210	M	9.96 10.09 8.58 9.48 9.11 10.12 8.00 9.01
HCG210	F	9.28 8.98
HCG306a		
HCG299c		
HCG268b		
HCG226	M	9.23 8.81 9.31 7.91 9.13 7.73 8.84
HCG226	F	6.48 7.94 6.84 9.53 8.17 7.53 7.58 7.08 8.16
HCG312a		
HCG253a		
HCG284b		
HCG227f	M	5.19 5.52 4.46
HCG227f	F	3.66 5.91 2.63
HCG293	M	4.80 5.26 4.13 4.93 5.12
HCG293	F	4.45
HCG259a		
HCG230a		
HCG315	M	6.81 7.02 6.62 6.65 7.10 6.50
HCG315	F	5.98 5.96 6.56 6.38 6.29 6.18 5.68 5.50
HCG273	M	7.42 7.39 6.08 4.79
HCG273	F	6.29 6.96 4.07 6.88 5.57 6.23
HCG209b		
HCG292a		

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d = Not Recorded Due To Technician Oversight
f = One male weight reflects the weight of a mis-sexed pup; the weights for this litter are not included in means for Day 4L

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)						
GROUP 1 - 0 MG/KG								
HCG222	M	19.11	18.07	18.21	18.95	18.52		
HCG222	F	18.77	20.01	17.97	18.00	19.75		
HCG224a								
HCG321	M	16.77	19.39	17.56	18.36	18.16		
HCG321	F	17.42	16.17	18.93	16.22	16.02		
HCG251	M	16.26	10.87	10.00	14.51	15.04		
HCG251	F	10.69	9.62	13.82	9.72	9.66		
HCG274	M	20.77	21.59	21.89				
HCG274	F	16.63	20.18	20.55	20.06	20.02		
HCG256	M	18.65	13.82					
HCG256	F	19.02	19.20	18.01				
HCG237	M	19.49	18.88	19.84	19.23	18.54		
HCG237	F	17.14	18.24	18.19	17.72	17.79		
HCG236b								
HCG287a								
HCG336	M	17.09	16.53	17.50	16.50	17.16		
HCG336	F	17.82	14.45	14.87	17.56	15.72		
HCG280	M	21.53	25.01	24.14				
HCG280	F	24.59						
HCG322	M	17.59	18.75	18.22	18.59	20.39		
HCG322	F	16.17	15.86	15.04	16.43	18.99		
HCG250a								
HCG219	M	17.18	17.54	16.15	16.59	17.28		
HCG219	F	17.04	16.09	16.38	16.80	16.27		
HCG235b								
HCG272a								
HCG313a								
HCG338	M	15.45	14.55	13.75	14.89	12.69		
HCG338	F	15.20	10.32	13.51	13.85	13.28		
HCG281a								
HCG319b								
HCG207a								
HCG286	M	15.54	16.49	15.45	18.11	16.81		
HCG286	F	17.48	15.79	16.69	16.37	13.25		
HCG271	M	18.89	18.10	16.51	18.44	17.05	19.82	20.15
HCG271	F	17.15	17.54					
HCG261a								
HCG229b								
HCG218	M	18.63	17.25	17.43	19.54	19.93		
HCG218	F	19.72	19.37	19.75	17.74	17.10		
HCG247	M	18.38	21.25	20.17	20.67	19.63		
HCG247	F	21.67	19.22	18.64	19.63	20.84		
HCG308b								
HCG297	M	16.71	15.73	16.28	15.82	14.97		
HCG297	F	18.06	15.00	16.69	13.70	12.91		
HCG267b								

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)					
GROUP 2 - 50 MG/KG							
HCG340	M	13.51	11.97	13.41	10.91	10.98	
HCG340	F	12.95	14.01	12.81	14.07	13.2[illegible]	
HCG334	M	15.19	17.94	15.90	16.48	14.6[illegible]	
HCG334	F	15.73	14.98	12.65	13.26	13.01	
HCG311	M	18.24	20.45	20.05	15.89	19.37	
HCG311	F	18.67	18.82	15.13	18.31	18.03	
HCG282a							
HCG212	M	16.31	18.63	18.40	18.16	17.49	
HCG212	F	16.26	16.74	17.17	15.35	16.52	
HCG245	M	16.00	16.60	15.17	16.62	15.79	
HCG245	F	14.60	14.24	16.61	16.11	13.59	
HCG326b							
HCG257b							
HCG264	M	15.64	14.19	17.10	14.51	14.19	
HCG264	F	12.51	11.68	11.72	11.81	15.99	
HCG333a							
HCG278	M	19.08	21.48	19.47	13.66	19.92	
HCG278	F	18.07	18.97	16.94	16.53	16.45	
HCG332	M	18.63	18.00	13.97	17.98	16.25	
HCG332	F	16.82	16.34	15.34	16.82	17.35	
HCG327	M	14.33	15.64	14.93	14.47	15.24	
HCG327	F	14.01	14.72	14.29	14.46	14.15	
HCG241a							
HCG318a							
HCG231a							
HCG283b							
HCG244	M	22.08	14.35	19.28	19.71	19.60	17.59
HCG244	F	19.55	19.90				
HCG214	M	19.13	18.17	17.51	18.82	17.79	17.40
HCG214	F	17.40	17.38	19.42			
HCG269	M	19.27	18.87	18.11	18.00		
HCG269	F	19.77	20.07	16.87	18.27	14.04	
HCG242b							
HCG290	M	18.55	18.09	18.44	15.43	15.64	
HCG290	F	14.86	15.64	16.44	14.43	13.62	
HCG301	M	17.50	16.45	17.18	16.18	15.00	
HCG301	F	15.18	16.67	15.75	15.80	17.29	
HCG208a							
HCG233b							
HCG232a							
HCG325	M	19.77	19.49	17.90			
HCG325	F	20.16	16.50				
HCG305a							
HCG234	M	14.38	14.24	15.09	11.38		
HCG234	F	14.83	13.00	15.38	16.12	12.81	
HCG298a							

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[illegible]

APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG		
HCG215	M	18.96 16.68 16.84 17.33 15.54
HCG215	F	15.95 16.85 17.03 16.97 16.94
HCG220	M	15.45 15.(15.32 15.61 15.32
HCG220	F	16.31 15.72 14.91 15.04 14.47
HCG316	M	18.35 14.93 19.08 17.66 18.03
HCG316	F	14.50 15.47 17.02 16.26 17.27
HCG296	M	16.81 14.78 15.94 15.06 16.01
HCG296	F	14.57 13.94 14.52 13.93 14.93
HCG275b		
HCG329	M	16.31 18.04 14.68 18.40 17.10
HCG329	F	13.55 17.35 14.85 16.01 14.40
HCG260	M	14.98 16.43 16.58 15.34 14.56
HCG260	F	15.59 12.76 11.78 18.13
HCG295	M	17.13 12.60 14.47 17.55 13.60
HCG295	F	13.17 16.10 14.36 16.17 14.31
HCG240	M	14.36 15.58 16.55 15.94 15.17
HCG240	F	14.10 15.97 14.35 15.34 14.97
HCG291	M	15.52 15.16 12.98 14.23 12.03
HCG291	F	11.44 13.16 11.54 13.31 13.44
HCG335a		
HCG238b		
HCG258	M	14.58 15.07 18.23 17.24 10.42 14.03
HCG258	F	14.84 15.60 17.16
HCG330b		
HCG277a		
HCG317a		
HCG221	M	16.75 13.99 15.92 15.86 17.88
HCG221	F	14.00 16.32 15.70 13.61 12.09
HCG331	M	18.27 20.13 20.34 19.17 13.64
HCG331	F	17.15 14.85 14.94 9.62 15.09
HCG339	M	17.84 17.69 18.65 16.37 17.85
HCG339	F	17.13 18.07 14.93 15.84 15.22
HCG323b		
HCG307	M	17.71 17.51 18.57 18.48 18.13
HCG307	F	16.57 15.84 16.31 15.56 17.61
HCG314b		
HCG225a		
HCG217b		
HCG263a		
HCG254	M	16.26 16.67 16.36 15.28 15.74
HCG254	F	14.67 12.64 10.38 13.55 12.92
HCG242a		
HCG304	M	17.48 17.27
HCG304	F	16.02 17.01 16.58 14.97
HCG276b		
HCG302	M	17.94 16.66
HCG302	F	15.30 15.71 17.76 15.37 15.84 14.88 16.80

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
HCG248	M	12.21 15.39 14.51 14.69 12.07
HCG248	F	15.09 10.92 15.28
HCG294a		
HCG262b		
HCG309a		
HCG252	M	6.63 10.76 7.15 6.02
HCG252	F	8.92 9.51 7.44 6.76
HCG255c		
HCG337b		
HCG288c		
HCG270	M	11.77 10.62 8.73 8.77 6.05
HCG270	F	11.55 12.14 10.83 10.24 9.07
HCG211	M	9.15 11.51 12.25
HCG211	F	10.05 10.50 5.71 10.51 8.70
HCG300	M	9.89 11.83 11.72 7.49 9.79
HCG300	F	10.08 10.77 12.96 11.57 9.90
HCG320	M	23.29 20.85 20.99
HCG320	F	21.01 19.60
HCG266	M	15.93 13.98
HCG266	F	13.92 9.15 9.01 9.45 14.63 10.18
HCG213b		
HCG210	M	14.95 15.24 15.85 13.29 13.19 11.34 15.08
HCG210	F	14.98 13.67
HCG306a		
HCG299c		
HCG268b		
HCG226	M	14.90 13.34 12.42 13.26 13.99
HCG226	F	9.86 12.64 12.57 13.12 12.92
HCG312a		
HCG253a		
HCG284b		
HCG227	M	6.44 6.65
HCG227	F	7.65
HCG293	M	6.67 7.37 6.28 6.63 5.31
HCG293	F	5.61
HCG259a		
HCG230a		
HCG315	M	11.09 10.65 9.83 11.35 10.42
HCG315	F	11.46 9.45 8.83 9.35 8.91
HCG273	M	12.97 9.42 12.10 7.69
HCG273	F	11.70 11.76 9.95 9.56 6.84 10.69
HCG209b		
HCG292a		

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)						
GROUP 1 - 0 MG/KG								
HCG222	M	34.23	35.20	35.77	36.08	35.25		
HCG222	F	34.19	35.26	36.95	36.26	33.36		
HCG224a								
HCG321	M	33.00	37.99	36.00	35.46	34.10		
HCG321	F	35.27	33.07	34.16	32.57	32.63		
HCG251	M	31.81	32.77	24.29	30.94	25.48		
HCG251	F	22.19	28.61	25.41	23.86	24.77		
HCG274	M	45.57	37.18	43.48				
HCG274	F	44.77	41.63	40.94	40.21	39.42		
HCG256	M	22.20	30.80					
HCG256	F	31.24	31.44	30.96				
HCG237	M	36.28	35.55	37.01	37.56	35.56		
HCG237	F	34.88	34.71	34.13	34.45	35.78		
HCG236b								
HCG287a								
HCG336	M	33.21	34.43	31.87	30.86	33.56		
HCG336	F	31.74	32.73	29.80	28.65	29.02		
HCG280	M	33.97	42.90	43.83				
HCG280	F	44.19						
HCG322	M	35.93	36.99	36.26	38.97	36.04		
HCG322	F	33.31	32.21	37.40	34.23	30.88		
HCG250a								
HCG219	M	35.69	34.21	35.52	34.48	35.29		
HCG219	F	34.06	31.92	33.01	32.67	33.87		
HCG235b								
HCG272a								
HCG313a								
HCG338	M	31.53	30.97	31.80	31.00	29.28		
HCG338	F	28.88	31.61	23.76	27.38	29.78		
HCG281a								
HCG319b								
HCG207a								
HCG286	M	33.73	30.55	32.39	32.19	32.25		
HCG286	F	30.58	30.79	30.31	28.87	26.62		
HCG271	M	36.94	34.24	39.17	40.79	36.50	35.09	30.88
HCG271	F	35.37	35.71					
HCG261a								
HCG229b								
HCG218	M	35.86	37.24	33.25	32.53	35.77		
HCG218	F	34.85	35.74	31.27	36.76	34.70		
HCG247	M	35.29	36.76	38.16	37.77	37.89		
HCG247	F	35.86	34.51	38.05	37.02	35.68		
HCG308b								
HCG297	M	31.99	33.67	31.99	32.70	33.78		
HCG297	F	29.93	33.40	34.11	27.98	30.41		
HCG267b								

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
HCG340	M	28.26 23.86 25.00 24.45 27.50
HCG340	F	29.09 28.31 28.71 26.14 26.91
HCG334	M	32.88 33.84 37.05 34.03 36.60
HCG334	F	31.58 36.05 29.73 28.09 29.63
HCG311	M	37.52 38.48 32.88 36.04 35.29
HCG311	F	35.00 36.46 29.63 35.37 36.49
HCG282a		
HCG212	M	33.91 33.03 33.64 34.58 34.50
HCG212	F	32.28 32.91 32.18 30.23 32.11
HCG245	M	31.66 31.92 30.26 30.64 31.78
HCG245	F	33.05 31.74 30.54 33.49 28.92
HCG326b		
HCG257b		
HCG264	M	31.60 32.27 36.07 26.15 30.70
HCG264	F	29.07 29.81 28.04 27.69 33.82
HCG333a		
HCG278	M	37.83 38.54 29.34 35.83 38.15
HCG278	F	33.86 34.33 37.83 36.56 34.71
HCG332	M	37.55 35.63 33.57 31.11 34.90
HCG332	F	36.17 32.11 31.47 34.44 35.07
HCG327	M	29.28 29.25 29.78 28.26 29.76
HCG327	F	28.12 28.30 27.32 28.21 28.40
HCG241a		
HCG318a		
HCG231a		
HCG283b		
HCG244	M	34.06 38.72 36.91 26.34 35.83 39.51
HCG244	F	35.98 35.92
HCG214	M	33.60 34.26 35.68 31.80 31.85 34.12
HCG214	F	35.92 31.89 32.30
HCG269	M	39.13 38.65 37.82 38.03
HCG269	F	38.01 38.41 40.70 36.49 33.40
HCG243b		
HCG290	M	37.24 37.40 33.65 34.32 38.68
HCG290	F	32.64 31.27 34.64 30.81 34.02
HCG301	M	32.27 30.58 31.27 30.74 30.37
HCG301	F	30.19 30.47 31.86 30.25 32.91
HCG208a		
HCG233b		
HCG232a		
HCG325	M	36.11 37.47 33.02
HCG325	F	29.30 37.05
HCG305a		
HCG234	M	31.67 33.62 24.95 30.35
HCG234	F	34.05 31.65 36.22 30.66 31.84
HCG298a		

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)					
GROUP 3 - 160 MG/KG							
HCG215	M	34.71	32.94	34.72	33.11	32.89	
HCG215	F	33.13	32.06	34.19	31.93	33.15	
HCG220	M	30.43	29.95	31.46	30.78	30.19	
HCG220	F	28.74	28.08	29.46	29.98	28.44	
HCG316	M	37.21	38.81	38.79	32.83	36.65	
HCG316	F	34.40	34.39	31.95	30.96	33.68	
HCG296	M	32.28	33.46	31.54	34.17	35.12	
HCG296	F	32.61	29.75	30.94	31.52	31.87	
HCG275b							
HCG329	M	36.25	34.41	34.73	32.62	35.49	
HCG329	F	32.07	27.62	29.75	29.53	33.26	
HCG260	M	27.52	25.35	26.75	25.43	25.08	
HCG260	F	28.06	24.83	21.76	20.43		
HCG295	M	32.96	28.98	30.80	27.22	32.63	
HCG295	F	28.12	31.15	30.15	28.90	28.19	
HCG240	M	33.06	31.17	31.90	33.85	30.40	
HCG240	F	33.31	28.97	32.33	30.51	30.63	
HCG291	M	27.54	27.32	26.25	23.07	25.79	
HCG291	F	27.23	25.81	25.20	21.19	22.00	
HCG335a							
HCG238b							
HCG258	M	35.13	31.46	25.38	34.17	26.00	14.49
HCG258	Fd						
HCG330b							
HCG277a							
HCG317a							
HCG221	M	30.70	31.65	31.72	29.31	32.72	
HCG221	F	30.98	28.60	27.02	24.41	29.56	
HCG331	M	35.94	28.34	34.39	33.85	29.44	
HCG331	F	29.36	31.92	33.75	29.89	20.00	
HCG339	M	34.19	35.79	33.73	33.71	35.59	
HCG339	F	33.02	31.23	32.72	30.01	30.83	
HCG323b							
HCG307	M	35.73	37.78	36.33	34.40	34.85	
HCG307	F	34.55	33.21	35.63	31.93	33.58	
HCG314b							
HCG225a							
HCG217b							
HCG263a							
HCG254	M	30.25	30.35	30.72	30.17	31.26	
HCG254	F	25.90	26.48	24.09	26.16	29.51	
HCG242a							
HCG304	M	32.47	32.17				
HCG304	F	31.13	31.88	31.38	32.10		
HCG276b							
HCG302	M	36.73	34.64				
HCG302	F	31.98	32.11	33.82	32.27	32.26	33.89 35.12

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DRAFT
NOT SUBJECT TO

APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
HCG248	M	27.76 29.68 28.21 25.32 23.05
HCG248	F	29.85 24.85 27.73
HCG294a		
HCG262b		
HCG309a		
HCG252	M	11.76 30.44
HCG252	F	23.56 28.30 19.93
HCG255c		
HCG337b		
HCG288c		
HCG270	M	26.78 26.16 22.22 10.97
HCG270	F	25.98 26.02 21.92 27.30 21.86
HCG211	M	28.26 27.56 22.15
HCG211	F	25.44 14.76 25.11 25.26 20.49
HCG300	M	18.46 25.93 23.54 26.61 23.79
HCG300	F	26.18 24.09 25.21 27.22 25.15
HCG320	M	45.78 42.43 44.04
HCG320	F	42.17 41.91
HCG266	M	32.49 30.26
HCG266	F	18.97 19.79 31.81 22.37 28.97 19.92
HCG213b		
HCG210	M	24.38 28.50 28.36 29.01 28.38 23.62 24.16
HCG210	F	27.99 26.87
HCG306a		
HCG299c		
HCG268b		
HCG226	M	28.11 27.04 25.80 28.44 30.24
HCG226	F	26.94 22.62 26.33 25.70 26.17
HCG312a		
HCG253a		
HCG284b		
HCG227	M	12.19
HCG227	F	15.96
HCG293	M	10.93 11.71 16.28 13.41 14.60
HCG293	F	12.75
HCG259a		
HCG230a		
HCG315	M	23.52 23.61 26.06 25.23 24.12
HCG315	F	21.84 21.82 25.41 23.36 20.71
HCG273	M	24.89 21.28 18.57 24.83
HCG273	F	24.60 23.87 22.63 21.48 24.88 17.40
HCG209b		
HCG292a		

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DRAFT
NOT SUBMITTED TO
OPPTS

APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)						
GROUP 1 - 0 MG/KG								
HCG222	M	56.08	60.41	57.90	57.72	55.95		
HCG222	F	55.60	56.87	59.69	59.43	58.24		
HCG224a								
HCG321	M	52.28	61.61	57.01	58.11	55.58		
HCG321	F	53.11	52.51	56.66	57.91	55.73		
HCG251	M	47.91	40.06	50.58	52.75	43.16		
HCG251	F	42.82	46.59	42.95	37.99	41.12		
HCG274	M	74.35	70.81	59.70				
HCG274	F	68.24	65.67	62.19	69.17	64.24		
HCG256	M	47.95	51.26					
HCG256	F	47.79	47.25	34.25				
HCG237	M	63.92	59.79	59.73	60.88	57.87		
HCG237	F	56.42	57.69	56.61	58.11	57.01		
HCG236b								
HCG287a								
HCG336	M	46.60	51.31	52.62	47.98	52.22		
HCG336	F	51.14	48.64	45.20	45.77	41.74		
HCG280	M	69.59	70.43	50.75				
HCG280	F	70.72						
HCG322	M	58.62	62.42	60.45	62.74	55.49		
HCG322	F	49.78	52.89	58.74	51.82	55.69		
HCG250a								
HCG219	M	56.98	57.52	57.34	58.96	55.43		
HCG219	F	54.87	54.37	54.11	54.29	55.23		
HCG235b								
HCG272a								
HCG313a								
HCG338	M	47.83	49.53	46.20	48.20	46.51		
HCG338	F	42.36	46.49	35.04	47.75	47.16		
HCG281a								
HCG319b								
HCG207a								
HCG286	M	54.98	56.41	57.30	51.56	51.91		
HCG286	F	42.19	50.97	49.59	44.95	51.11		
HCG271	M	62.65	54.87	59.97	52.56	63.11	51.01	57.18
HCG271	F	54.35	55.76					
HCG261a								
HCG229b								
HCG218	M	60.21	58.93	59.74	63.74	57.35		
HCG218	F	63.31	59.51	57.25	60.72	59.15		
HCG247	M	66.10	67.12	58.87	63.04	68.62		
HCG247	F	66.05	58.00	65.40	62.93	66.10		
HCG308b								
HCG297	M	51.77	53.44	53.90	56.33	52.62		
HCG297	F	52.16	53.06	48.40	48.92	48.33		
HCG267b								

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)					
GROUP 2 - 50 MG/KG							
HCG340	M	39.86	45.33	38.57	46.72	36.95	
HCG340	F	45.81	46.19	43.24	46.31	47.01	
HCG334	M	49.43	55.92	49.05	48.88	56.04	
HCG334	F	57.61	45.85	41.90	46.45	40.74	
HCG311	M	59.70	59.89	56.52	60.97	60.35	
HCG311	F	49.35	59.08	56.85	58.52	58.47	
HCG282a							
HCG212	M	57.75	58.40	58.27	57.78	56.87	
HCG212	F	54.26	55.86	54.76	55.44	50.97	
HCG245	M	49.75	50.28	50.95	49.77	47.80	
HCG245	F	49.16	44.69	50.91	48.16	53.13	
HCG326b							
HCG257b							
HCG264	M	49.64	59.17	52.81	49.99		
HCG264	F	53.37	50.38	46.51	48.08	45.92	
HCG333a							
HCG278	M	59.17	61.60	52.47	59.80	48.29	
HCG278	F	55.72	55.64	60.87	58.24	55.15	
HCG332	M	59.77	60.51	52 74	63.16	58.75	
HCG332	F	58.53	60.21	54.43	52.57	60.48	
HCG327	M	45.55	48.27	47.97	47.53	46.90	
HCG327	F	46.45	43.64	44.55	47.24	48.08	
HCG241a							
HCG318a							
HCG231a							
HCG283b							
HCG244	M	53.82	62.69	56.03	55.89	61.87	37.49
HCG244	F	59.60	53.68				
HCG214	M	58.40	55.51	55.81	60.44	56.32	59.47
HCG214	F	62.52	53.69	57.30			
HCG269	M	60.40	57.69	61.34	60.05		
HCG269	F	58.36	54.38	53.28	61.12	58.80	
HCG243b							
HCG290	M	62.91	60.37	56.99	56.36	63.77	
HCG290	F	50.45	52.21	53.99	56.62	54.40	
HCG301	M	51.03	52.44	50.04	50.06	49.94	
HCG301	F	49.30	49.57	52.79	50.99	51.17	
HCG208a							
HCG233b							
HCG232a							
HCG325	M	55.14	61.44	56.34			
HCG325	F	46.76	59.57				
HCG305a							
HCG234	M	50.95	51.86	39.75	50.24		
HCG234	F	51.53	51.87	48.18	49.36	54.75	
HCG298a							

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NOT SUBMITTED TO
AGENCY

MULTI-[redacted]RATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)						
GROUP 3 - 160 MG/KG								
HCG215	M	53.49	54.48	56.22	57.64	54.43		
HCG215	F	56.27	58.58	53.70	53.74	54.01		
HCG220	M	49.44	48.64	47.41	45.52	46.11		
HCG220	F	47.94	41.09	45.97	45.02	47.32		
HCG316	M	60.08	53.53	62.76	60.00	49.52		
HCG316	F	54.64	48.41	48.20	53.36	52.84		
HCG296	M	48.72	49.56	52.51	52.74	47.18		
HCG296	F	46.32	48.62	45.12	47.60	46.39		
HCG275b								
HCG329	M	51.84	55.03	54.71	56.79	53.07		
HCG329	F	47.00	51.59	50.50	48.57	43.77		
HCG260	M	43.99	45.65	49.25	50.68	44.08		
HCG260	F	37.85	35.74	43.41				
HCG295	M	51.86	46.65	47.89	50.62	44.22		
HCG295	F	46.49	47.47	45.41	47.44	45.75		
HCG240	M	51.91	53.03	54.69	50.16	53.83		
HCG240	F	53.08	50.75	50.21	46.95	45.94		
HCG291	M	39.94	38.61	40.13	33.90	42.36		
HCG291	F	32.74	40.32	36.07	37.83	31.15		
HCG335a								
HCG238b								
HCG258	M	50.15	42.34	39.08	49.54	43.17		
HCG258	F	52.91	44.99	44.47				
HCG330b								
HCG277a								
HCG317a								
HCG221	M	47.53	47.56	53.86	43.92	50.01		
HCG221	F	42.39	37.95	46.65	47.98	44.84		
HCG331	M	57.08	64.17	49.04	55.74	57.63		
HCG331	F	34.21	49.49	52.04	50.89	52.32		
HCG339	M	55.40	56.71	56.62	55.47	53.82		
HCG339	F	44.84	54.19	48.35	48.52	49.72		
HCG323b								
HCG307	M	63.72	59.21	58.39	57.44	57.77		
HCG307	F	53.67	58.65	59.36	55.37	54.27		
HCG314b								
HCG225a								
HCG217b								
HCG263a								
HCG254	M	45.62	46.32	44.68	47.93	47.30		
HCG254	F	37.48	38.55	44.69	40.13	38.92		
HCG242a								
HCG304	M	57.48	50.44					
HCG304	F	48.69	52.10	49.30	49.67			
HCG276b								
HCG302	M	53.51	56.72					
HCG302	F	55.15	51.03	50.02	48.86	53.68	50.41	49.00

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APPENDIX GG - INDIVIDUAL OFFSPRING BODY WEIGHTS - F1B CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
HCG248	M	47.16 48.11 39.90 49.88 42.60
HCG248	F	41.59 48.81 47.61
HCG294a		
HCG262b		
HCG309a		
HCG252	M	23.33 46.82
HCG252	F	38.45 46.96 41.08
HCG255c		
HCG337b		
HCG288c		
HCG270	M	32.29 44.10 35.97 17.16
HCG270	F	43.86 38.43 41.70 42.82 41.15
HCG211	M	46.00 44.14 37.35
HCG211	F	40.26 41.62 38.64 26.82 35.61
HCG300	M	37.43 41.66 36.58 37.55 36.12
HCG300	F	44.05 41.56 40.56 38.90 43.29
HCG320	M	67.87 63.74 68.13
HCG320	F	67.63 61.79
HCG266	M	49.89 47.47
HCG266	F	47.97 34.92 28.71 33.63 46.15 31.99
HCG213b		
HCG210	M	44.41 35.67 38.73 44.50 33.89 44.61 45.71
HCG210	F	42.59 42.73
HCG306a		
HCG299c		
HCG268b		
HCG226	M	41.98 41.72 40.52 46.46 43.36
HCG226	F	33.33 40.21 40.85 40.35 39.99
HCG312a		
HCG253a		
HCG284b		
HCG227	M	23.35
HCG227	F	27.58
HCG293	M	25.72 27.16 31.72 25.19 23.59
HCG293	F	28.73
HCG259a		
HCG230a		
HCG315	M	42.15 40.54 40.13 41.03 43.46
HCG315	F	35.79 37.01 42.02 35.80 37.95
HCG273	M	39.17 37.96 26.65 32.96
HCG273	F	27.23 33.45 36.85 38.89 35.69 37.74
HCG209b		
HCG292a		

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APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98
JAB141M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB144M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB001M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB147M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB051M																	
	WITHIN NORMAL LIMITS	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	+	-	+	+	+	+	+	+	+	+	+	+	+	+
	SORES PALATE	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB052M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	-	+	+	+	+	+
	MISSING LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
JAB149M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB055M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB152M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB155M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB158M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB161M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB164M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB058M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB167M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB170M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB162M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98
JAB002M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	DRIED RED OCULAR DISCHARGE BOTH EYES SLI	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
	DRIED RED OCULAR DISCHARGE BOTH EYES MOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
JAB059M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB146M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	+	+	-	+	+	+	+	-	+	+
	MALOCCLUDED INCISORS	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	+	+	-	-	-	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE BOTH EYES SLI	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
JAB143M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
	ALOPECIA VENTRAL SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	ALOPECIA LEFT FORELEG SLIGHT	-	-	-	-	-	-	-	-	+	+	+	-	-	-	-	-
	ALOPECIA LEFT HINDLEG SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+
JAB1[redacted]M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB156M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB053M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB168M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB160M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	+	-	-	-	-	+	+	+	+	+
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	-	-	-	+	-	+	+	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-
JAB145M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB166M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98
JAB060M	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB154M	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB141M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB144M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB001M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB147M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB051M																		
	TEETH CUT	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB052M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB149M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB055M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-
	HEAD LEANS RIGHT	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+	+	-
JAB152M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB155M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
JAB158M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB161M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB164M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB058M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB167M																		
	WITHIN NORMAL LIMITS	-	-	-	+	+	+	+	+	+	-	-	-	-	+	+	-	+
	SCABS LEFT CHEEK	-	+	+	-	-	-	-	-	-	-	-	+	+	-	-	-	-
	MASS LEFT CHEEK	+	-	+	-	-	-	-	-	-	+	+	-	-	-	-	-	-
JAB170M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB162M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB002M																		
	TEETH CUT	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	+	-	+	+	+	+	+	+	+	+	+	+	+	+	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DRAFT

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB059M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB146M																		
	MISSING LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+
	TEETH CUT	+	+	+	+	+	+	+	+	-	+	+	+	+	+	-	-	-
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB143M																		
	WITHIN NORMAL LIMITS	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
	ALOPECIA LEFT HINDLEG SLIGHT	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JAB172M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB156M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB053M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB168M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB160M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB145M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB166M																		
	TEETH CUT	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB060M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB154M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 211
JAB143M	WITHIN NORMAL LIMITS	+
JAB172M	WITHIN NORMAL LIMITS	+
JAB156M	WITHIN NORMAL LIMITS	+
JAB053M	WITHIN NORMAL LIMITS	+
JAB168M	WITHIN NORMAL LIMITS	+
JAB160M	WITHIN NORMAL LIMITS	+
JAB145M	WITHIN NORMAL LIMITS	+
JAB166M	MALOCCLUDED INCISORS	+
JAB060M	WITHIN NORMAL LIMITS	+
JAB154M	WITHIN NORMAL LIMITS	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
JAB004M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB007M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB173M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB176M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB061M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB179M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	ANOGENITAL STAINING MODERATE	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
	EMACIATED SLIGHT	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
JAB182M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB185M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+	+
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
	DRIED RED OCULAR DISCHARGE BOTH EYES MOD	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
JAB010M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB188M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB064M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB191M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB194M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	+	+
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+
	ALOPECIA LEFT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
	ALOPECIA LEFT FORE PAW MODERATE	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-	-
JAB344M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB197M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
JAB199M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB201M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB189M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB200M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB174M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB184M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB196M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB008M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB175M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB009M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB198M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-
	SWOLLEN LEFT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-
	MISSING DIGITS LEFT FORE PAW	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-
	MISSING DIGITS LEFT FORE PAW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
JAB187M																		
	WITHIN NORMAL LI...	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT F... LIGHT	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	+	-
	ALOPECIA BOTH ... SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+
	ALOPECIA BOTH FO... SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	-	+
JAB177M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB195M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB181M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210	DAY 211
JAB004M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
JAB007M																		
	WITHIN NORMAL LIMITS	+	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-
	MALOCCLUDED INCISORS	-	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB173M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-
	SCABS LEFT ANTERIOR TO PENIS	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	SWOLLEN RIGHT ANTERIOR TO PENIS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
	MASS LEFT ANTERIOR TO PENIS	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-	-	-
	SORES LEFT ANTERIOR TO PENIS	-	-	-	-	-	-	-	-	-	-	+	+	+	-	-	-	-
JAB176M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
JAB061M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
JAB162M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
JAB185M																		
	SWOLLEN RIGHT CHEEK SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
	TEETH CUT	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	+	-	+	-	+	-	+	-	-	-	-	-	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	-	+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	+	+	+	+	+	+	+	+	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
JAB010M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
JAB188M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
JAB064M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
JAB191M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	-
JAB194M																		
	WITHIN NORMAL LIMITS	-	-	-	-	-	-	+	+	+	+	+	+	+	+	-	+	-
	ALOPECIA BOTH FORE PAWS SLIGHT	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA LEFT FORE PAW SLIGHT	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-	-

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210	DAY 211
JAB344M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	+	+	+	-	+	-
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
JAB197M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	-
JAB199M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	-
JAB201M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	-
JAB189M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	-
JAB200M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
JAB174M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	-
JAB184M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	-
JAB196M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB008M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB175M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB009M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB198M																		
	MISSING DIGITS LEFT FORE PAW	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MISSING DIGITS LEFT FORE PAW	-	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB187M																		
	ALOPECIA BOTH FORE PAWS SLIGHT	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
	ALOPECIA BOTH FORE LEGS SLIGHT	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-
JAB177M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB193M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB181M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98
JAB202M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB013M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB067M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB205M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
JAB070M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB073M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB208M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB211M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB076M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB214M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB079M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB082M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	-	+	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	+	+	+	-	+	+	+	+	+	+	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+
JAB217M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-
JAB085M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	+	-	+	+	+	+
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
JAB088M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB220M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98
JAB222M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB068M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB210M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	+	+	+	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+
	DRIED RED OCULAR DISCHARGE BOTH EYES SLI	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
JAB071M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	+	+	+	+	-	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	-	-	-	+	+	+	-	-	+	+	-	-	-	-
JAB215M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	[illegible]		+	+	+
JAB206M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	[illegible]	+	+	+	+
JAB086M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB090M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
JAB207M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB014M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB087M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB081M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB015M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB069M																	
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB202M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB013M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB067M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB205M																		
	TEETH CUT	+	+	+	-	+	-	+	+	+	+	+	+	-	+	+	-	-
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB070M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
	SORES PALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
JAB073M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB208M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB211M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB076M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB214M																		
	WITHIN NORMAL LIMITS	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	WET RALES	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DRY RALES	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DRIED RED NASAL DISCHARGE MODERATE	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ANOGENITAL STAINING SLIGHT	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MISSING RIGHT UPPER INCISOR	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
	TEETH CUT	-	+	+	+	+	+	+	+	-	+	+	+	+	+	+	-	-
	SORES PALATE	-	-	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	+	+
	MISSING RIGHT UPPER INCISOR	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JAB079M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB082M																		
	ALOPECIA BOTH FORE PAWS SLIGHT	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-	-	-
	SWOLLEN BOTH EARS SLIGHT	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	-	+
	SWOLLEN BOTH EARS MODERATE	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB217M																		
	WITHIN NORMAL LIMITS	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	-	+
	MALOCCLUDED INCISORS	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JAB085M																		
	WITHIN NORMAL LIMITS	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	-	+
	ALOPECIA BOTH FORE PAWS SLIGHT	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-
JAB088M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB220M																		
	WITHIN NORMAL LIMITS	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+	-	+
	ALOPECIA BOTH FORE PAWS SLIGHT	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-
JAB222M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB068M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB210M																		
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	-	-
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB071M																		
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	-	+
	ALOPECIA BOTH FORE LEGS MODERATE	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-
JAB215M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB206M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB086M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB090M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB207M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB014M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB087M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB081M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB015M																		
	MISSING LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	TEETH CUT	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	-	+
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 166	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB069M	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 21
JAB215M		
	WITHIN NORMAL LIMITS	+
JAB206M		
	WITHIN NORMAL LIMITS	+
JAB086M		
	WITHIN NORMAL LIMITS	+
JAB090M		
	WITHIN NORMAL LIMITS	+
JAB207M		
	WITHIN NORMAL LIMITS	+
JAB014M		
	WITHIN NORMAL LIMITS	+
JAB087M		
	WITHIN NORMAL LIMITS	+
JAB081M		
	WITHIN NORMAL LIMITS	+
JAB015M		
	MISSING LEFT UPPER INCISOR	+
	MALOCCLUDED INCISORS	+
JAB069M		
	WITHIN NORMAL LIMITS	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 86	DAY 91	DAY 98
JAB223M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-	+	+
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
JAB227M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
	RED NASAL DISCHARGE MODERATE	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+	+
	SORES PALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+	+
JAB016M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB229M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB091M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB093M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB232M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB018M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-
	ALOPECIA LEFT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	+	-	+	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	+	-
	ALOPECIA LEFT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
JAB022M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB238M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB242M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB239M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB225M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB240M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	+	+	+	+	+	-	+	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 86	DAY 91	DAY 98
JAB231M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	+	-	+	+	-	+	-	+	+
	SORES PALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-	+	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
JAB235M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	+	+	-	+	+	-	+	+
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	+	+	+	+	+	-	+	+
JAB021M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB237M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB241M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB230M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	+	+
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	+	+
JAB236M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
	DEAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
JAB092M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB025M																		
	WITHIN NORMAL LIMITS	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	APPARENT UMBILICAL HERNIA	-	-	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB224M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA AROUND LEFT EYE SLIGHT	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-	+	+
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	+	+	+	+	+	+	+	-	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	+	+	+	-	+	-	-	-	-	+
JAB024M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB019M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB017M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	+	-	+	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	+	+	+	+	+	-	-	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 86	DAY 91	DAY 98
JAB233M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB228M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB234M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB223M																		
	APPARENT UMBILICAL HERNIA	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	-
	MISSING LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	-	-
	TEETH CUT	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	-	+	+	+	+	+	-	-	-	+	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	+	-	+	-	-	-	-	+	+	+	+	-	-	+	+	+	-
	DRIED RED OCULAR DISCHARGE BOTH EYES SLI	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
JAB227M																		
	MISSING RIGHT UPPER INCISOR	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+	-
	TEETH CUT	+	+	-	+	+	-		+	+	+	+	+	+	+	+	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB016M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB229M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	-	-	-	+	+	+	-
	MISSING LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-	-
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
JAB091M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB093M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB232M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB018M																		
	WITHIN NORMAL LIMITS	+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-	-	-
JAB022M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB238M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB242M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
JAB239M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB225M																		
	WITHIN NORMAL LIMITS	+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	-	+
	ALOPECIA RIGHT FORE PAW MODERATE	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB240M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB231M																		
	TEETH CUT	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	-	-
	BROKEN RIGHT UPPER INCISOR	-	-	+	+	+	-	-	-	-	-	-	+	+	+	+	-	+
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
JAB235M																		
	WITHIN NORMAL LIMITS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	TEETH CUT	+	+	-	+	+	+	+	+	+	+	+	+	+	-	+	-	-
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	-	-	-	-	-	+	-	+	+	+	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB021M																		
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	+	-	-	+	+	+	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-	+
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-	-
JAB237M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB241M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB230M																		
	TEETH CUT	+	+	+	-	+	+	+	+	+	+	+	+	-	-	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB092M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB025M																		
	APPARENT UMBILICAL HERNIA	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB224M																		
	TEETH CUT	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	-	+
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	+	-	+	-	+	+	+	-	-	-	-	-	-	-	-	-	-
JAB024M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
JAB019M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB017M																		
	TEETH CUT	-	-	-	-	+	-	+	+	+	-	+	+	+	+	+	-	+
	BROKEN LEFT UPPER INCISOR	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	-	+
	MALOCCLUDED INCISORS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	+	-	+	-	+	+	+	+	-	-	+	+	+	+	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	+	-	+	-	+	-	-	-	-	+	+	-	-	-	-	-	-

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB233M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+
JAB228M																		
	WITHIN NORMAL LIMITS	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	+	+	+	+	+	-	+	+	+	+	+	+	+	-	+
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	-	+
	MALOCCLUDED INCISORS	-	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	+	+	+	+	+	-	-	+	+	+	+	+	+	-	+
	DRIED RED OCULAR DISCHARGE BOTH EYES SLI	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J[redacted]234M																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+

APPENDIX HH - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 MALES CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 21 1
JAB092M	WITHIN NORMAL LIMITS	+
JAB025M	APPARENT UMBILICAL HERNIA	+
JAB224M	MALOCCLUDED INCISORS	+
JAB024M	MISSING LEFT UPPER INCISOR	+
JAB019M	WITHIN NORMAL LIMITS	+
JAB017M	BROKEN LEFT UPPER INCISOR	+
	MALOCCLUDED INCISORS	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	+
JAB233M	WITHIN NORMAL LIMITS	+
JAB228M	BROKEN UPPER INCISOR(S)	+
	MALOCCLUDED INCISORS	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	+
JAB234M	WITHIN NORMAL LIMITS	+

APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A)
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 55	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98
JAB245F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	-	-	-	-
JAB248F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-
JAB026F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	-	-	-
JAB251F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	-	-	-
JAB095F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	-	-	-	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
JAB097F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	-	-	-	-
JAB254F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-
JAB100F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	+	-	-
JAB257F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	-	-	-	-
JAB260F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	-	-	-
JAB263F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	-	-	-
JAB266F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	-	-	-
JAB269F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	+	+	-	+	+	+	-	-	-	-
	SCABS LEFT CHEEK	-	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-
JAB101F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	-	-	-
JAB270F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	-	-	-
JAB273F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
	ALOPECIA LEFT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	-	-

APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 55	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98
JAB252F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	-	-	-	-
JAB028F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	-	-	-
JAB275F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA AROUND RIGHT EYE SLIGHT	-	-	-	-	-	-	-	+	-	-	+	+	+	+	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	+	-	+	+	+	+	-	-	-
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	-	-	-	+	-	+	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	+	+	+	-	+	+	+	+	-	-	-
	LACRIMATION RIGHT EYE SLIGHT	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	+	+	+	-	+	+	+	-	-	-	-
JAB255F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	-	-	-	-
JAB264F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	-	-	-
JAB267F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	-	-	-
JAB262F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	-	-	-	-
JAB102F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	-	-	-
JAB246F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	-	-	-	-	-	-	+	-	+	+	+	+	+	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
	SCABS LEFT FORELEG	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
	SCABS RIGHT FORELEG	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-
JAB256F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	+	+	-	+	-	-	+	-	-	-
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-
JAB098F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	[illegible]	-	-
JAB249F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	+	-	+	+	+	-	-	-	-
	ALOPECIA LEFT FORE PAW SLIGHT	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
JAB253F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	+	+	+	+	+	+	-

APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 55	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98
JAB271F																		
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	+	-	-	-	-	-	-	-	-
	DEAD	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-

APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133
JAB245F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB248F						
	WITHIN NORMAL LIMITS	-	-	+	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	+	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	+	+
JAB026F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB251F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB095F						
	WITHIN NORMAL LIMITS	-	-	-	+	-
	SWOLLEN BOTH EARS SLIGHT	-	+	+	-	+
JAB097F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB254F						
	ALOPECIA POSTERIOR DORSAL SLIGHT	-	-	-	-	+
	ALOPECIA RIGHT HINDLEG SLIGHT	-	-	-	-	+
	ALOPECIA RIGHT HINDLEG MODERATE	-	-	-	+	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	+	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	+
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	-	+	-
JAB100F						
	ALOPECIA LEFT FORE PAW SLIGHT	-	-	-	-	+
JAB257F						
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	+	+
JAB260F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB263F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB266F						
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	+	+
JAB269F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB101F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB270F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB273F						
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	+	+
JAB252F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB028F						
	WITHIN NORMAL LIMITS	-	-	-	+	+

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APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133
JAB275F						
	ALOPECIA VENTRAL SLIGHT	-	-	-	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	+
	ALOPECIA BOTH HIND LEGS SLIGHT	-	-	-	-	+
	TEFTH CUT	-	-	-	+	+
	BROKEN RIGHT UPPER INCISOR	-	-	-	+	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	+	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	-	-	-	-	+
JAB255F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB264F						
	WITHIN NORMAL LIMITS	-	-	-	+	-
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	-	-	+
JAB267F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB262F						
	WITHIN NORMAL LIMITS	-	-	-	+	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	+
JAB102F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB246F						
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	-	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	+	+	+	-
	SCABS LEFT FORELEG	-	+	-	-	-
	SCABS RIGHT FORELEG	-	-	+	+	-
JAB256F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB098F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB249F						
	ALOPECIA VENTRAL MODERATE	-	-	-	+	+
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	+	+
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	-	+	+
	ALOPECIA BOTH HIND LEGS MODERATE	-	-	-	+	+
	SCABS ABDOMEN	-	-	-	+	+
	SCABS VENTRAL CERVICAL	-	-	-	+	+
	SCABS BOTH FORE LEGS	-	-	-	+	+

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APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
JAB029F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB032F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
JAB276F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB279F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
JAB104F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB282F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	-	-	+	-	-	-	-
	SCABS DORSAL CERVICAL	-	-	-	-	-	-	-	+	+	+	+	+	-	-	-	-	-
JAB285F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB288F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB035F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB291F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB107F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB292F	WITHIN NOPMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
	URINE STAINING SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
JAB295F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB347F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB298F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB299F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB348F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	L	-	-
JAB277F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB293F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-

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APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98	DAY 105
JAB037F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	+	+	+	+	+	+	+	-	-	-	-
JAB349F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB278F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	-	+	-	-	-	-	-
	BROKEN RIGHT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-	-
JAB300F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB034F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB105F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
JAB289F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
JAB297F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB106F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB281F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB290F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-

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APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 1 1 2	DAY 1 1 9	DAY 1 2 6	DAY 1 3 3
JAB029F	WITHIN NORMAL LIMITS	-	-	+	+
JAB276F	WITHIN NORMAL LIMITS	+	+	+	+
JAB279F	WITHIN NORMAL LIMITS	-	-	-	+
JAB104F	WITHIN NORMAL LIMITS	-	-	+	+
JAB282F	WITHIN NORMAL LIMITS	-	-	+	+
JAB285F	WITHIN NORMAL LIMITS	-	-	+	-
	ALOPECIA LEFT FORELEG SLIGHT	-	-	-	+
JAB288F	TEETH CUT	-	-	+	-
	MALOCCLUDED INCISORS	-	-	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	+	-
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	-	-	-	+
JAB035F	WITHIN NORMAL LIMITS	-	-	-	+
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	+	-
JAB291F	WITHIN NORMAL LIMITS	+	+	+	+
JAB107F	ALOPECIA BOTH FORE PAWS MODERATE	-	-	+	+
JAB292F	WITHIN NORMAL LIMITS	+	+	+	+
JAB295F	WITHIN NORMAL LIMITS	-	-	+	+
JAB347F	WITHIN NORMAL LIMITS	-	-	+	+
JAB298F	WITHIN NORMAL LIMITS	-	-	+	-
	SWOLLEN RIGHT EAR SLIGHT	-	-	-	+
JAB299F	WITHIN NORMAL LIMITS	+	+	+	+
JAB348F	WITHIN NORMAL LIMITS	-	-	+	+
JAB277F	WITHIN NORMAL LIMITS	+	+	+	+

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APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 11 12	DAY 11 19	DAY 11 26	DAY 11 33
JAB293F					
	WITHIN NORMAL LIMITS	-	-	+	+
JAB037F					
	ALOPECIA BOTH FORE PAWS EXTREME	-	-	+	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	+
JAB349F					
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	+	+
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	+	-
	ALOPECIA VENTRAL CERVICAL MODERATE	-	-	-	+
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	+	+
JAB278F					
	WITHIN NORMAL LIMITS	-	-	+	+
JAB300F					
	WITHIN NORMAL LIMITS	+	+	+	+
JAB034F					
	WITHIN NORMAL LIMITS	+	+	+	+
JAB105F					
	WITHIN NORMAL LIMITS	-	-	+	+
JAB289F					
	ALOPECIA RIGHT FORELEG SLIGHT	-	+	+	+
	MALOCCLUDED INCISORS	-	+	+	+
JAB297F					
	WITHIN NORMAL LIMITS	-	-	+	+
JAB106F					
	WITHIN NORMAL LIMITS	-	-	+	+
JAB281F					
	WITHIN NORMAL LIMITS	-	-	+	+
JAB290F					
	WITHIN NORMAL LIMITS	-	-	+	+

APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 13	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98
JAB302F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	-	-	-	-	-	-	+	+	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	+	+	+	+	-	+	-	-	-	-	-
JAB038F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	-	-	-	-	-	-	-	-	-
	ALOPECIA ABDOMEN	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
	ALOPECIA ABDOMEN SLIGHT	-	-	-	-	-	-	-	-	+	+	-	+	+	+	-	-	-
	SCABS ABDOMEN	-	-	-	-	-	-	-	-	+	+	+	-	+	+	-	-	-
JAB110F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB305F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	-	-
JAB113F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB116F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	-	-
JAB308F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	+	+	-	-	-
JAB311F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB118F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	-	-
JAB314F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	-	-
JAB121F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB124F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	-	-
JAB316F																		
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DEAD	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
JAB127F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB130F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	-	-
JAB319F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	-	-

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APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 13	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 91	DAY 98
JAB322F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	-	-
JAB320F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB114F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+
JAB306F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB313F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	-	-
JAB323F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	-	-
JAB310F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-
	SORES PALATE	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
JAB117F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB040F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	-	-
JAB309F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB039F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA LEFT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-
	ALOPECIA BOTH FORE PAWS	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	+	+	-	+	+	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
	TEETH CUT	-	-	-	-	-	-	+	+	+	+	+	+	+	+	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	+	+	+	+	+	+	+	+	-	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
JAB317F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	-	
JAB120F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	-	-
JAB112F																		
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	-	-

APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133
JAB302F						
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	-	+	+
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	+	+
	ALOPECIA BOTH HIND LEGS MODERATE	-	-	-	+	+
JAB038F						
	ALOPECIA BOTH HIND LEGS SLIGHT	-	-	-	+	+
JAB110F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB305F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB113F						
	ALOPECIA VENTRAL SLIGHT	-	-	-	+	+
	ALOPECIA LEFT HINDLEG SLIGHT	-	-	-	+	+
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	-	+	+
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	+	+
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	-	+	+
JAB308F						
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	+	+	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	+	+	+	+
	MALOCCLUDED INCISORS	-	-	-	-	+
JAB311F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB118F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB314F						
	WITHIN NORMAL LIMITS	-	-	+	+	+
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	+	-	-	-
JAB121F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB124F						
	WITHIN NORMAL LIMITS	-	-	+	+	+
JAB127F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB130F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB319F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB322F						
	WITHIN NORMAL LIMITS	-	-	-	+	+

APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133
JAB320F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB114F						
	WITHIN NORMAL LIMITS	+	+	+	+	+
JAB306F						
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	+	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	+
JAB313F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB323F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB310F						
	MALOCCLUDED INCISORS	-	-	-	+	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	+	-
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	-	-	-	-	+
JAB117F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB040F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB309F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB039F						
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	+
	TEETH CUT	-	-	-	+	+
	BROKEN UPPER INCISOR(S)	-	-	-	-	+
	BROKEN LEFT UPPER INCISOR	-	-	-	+	-
	MALOCCLUDED INCISORS	-	-	-	+	+
JAB317F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB120F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB112F						
	SWOLLEN BOTH EARS SLIGHT	-	-	-	+	+

DRAFT
NOT SUBJECTED TO
QC AUDIT

APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 86	DAY 91	DAY 98
JAB325F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB133F																		
	WITHIN NORMAL LIMITS	+	+	+	-	-	+	+	+	+	+	+	+	-	-	-	-	-
	ALOPECIA RIGHT LATERAL CERVICAL MODERATE	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT LATERAL CERVICAL EXTREME	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCABS RIGHT LATERAL CERVICAL	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
	SORES RIGHT LATERAL CERVICAL	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
JAB327F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	+	+	+	+	-	-	-	-
	ALOPECIA LEFT FORELEG SLIGHT	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
JAB041F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB331F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB135F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB136F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB334F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	+	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-
JAB045F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB335F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	+	-	+	+
	ANOGENITAL STAINING SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
	UNTHRIFTY COAT	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
	EMACIATED SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
JAB050F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB336F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB339F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	-

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 86	DAY 91	DAY 98
JAB329F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB330F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
JAB343F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB046F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-
	ALOPECIA ABDOMEN SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-
JAB138F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
JAB043F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB332F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	+	+	+	-	+	+	-	+	+
	BROKEN UPPER INCISOR(S)	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-
JAB337F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-
JAB140F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
	URINE STAINING SLIGHT	-	-	-	-	-	-	-	-	-	+	+	+	-	-	-	-	-
	URINE STAINING MODERATE	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
JAB328F																		
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	+	+	+	+	-	-	-	-	+	-	-	-	-
	ALOPECIA BOTH FORE PAWS EXTREME	-	-	-	-	-	-	-	-	+	+	+	+	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	+	-	+	-	-	+	+	+	-	-	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	-	-	-	-	+	-	+	+	-	-	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
JAB042F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB047F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
JAB134F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB048F																		
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-

DRAFT
NOT SUBMITTED TO
THE AGENCY

APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 0	DAY 1	DAY 7	DAY 14	DAY 21	DAY 28	DAY 35	DAY 42	DAY 49	DAY 56	DAY 63	DAY 70	DAY 77	DAY 84	DAY 86	DAY 91	DAY 98
JAB341F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB333F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-
JAB338F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+

APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133
JAB325F						
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	+	+
	BROKEN LEFT UPPER INCISOR	-	-	-	+	-
JAB133F						
	WITHIN NORMAL LIMITS	-	+	+	-	+
	BROKEN RIGHT UPPER INCISOR	-	-	-	+	-
JAB327F						
	ALOPECIA ABDOMEN SLIGHT	-	-	-	+	-
	ALOPECIA ABDOMEN MODERATE	-	+	+	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	+	+
	ALOPECIA BOTH FORE PAWS EXTREME	-	+	+	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	+	+
	ALOPECIA BOTH FORE LEGS MODERATE	-	+	+	-	-
	ALOPECIA BOTH HIND LEGS SLIGHT	-	-	-	+	-
	ALOPECIA BOTH HIND LEGS MODERATE	-	+	+	-	-
JAB041F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB331F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB135F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB136F						
	WITHIN NORMAL LIMITS	-	-	-	+	+

APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133
JAB334F						
	WITHIN NORMAL LIMITS	-	-	-	+	-
	ALOPECIA RIGHT FORELEG SLIGHT	+	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	+	+	-	+
JAB045F						
	WITHIN NORMAL LIMITS	-	-	-	+	+
JAB335F						
	WITHIN NORMAL LIMITS	+	+	+	+	+
JAB050F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB336F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB339F						
	WITHIN NORMAL LIMITS	-	-	+	+	+
JAB329F						
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	+	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	+	+
JAB330F						
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	+	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	+	+	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	+	+	+
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	+
JAB343F						
	WITHIN NORMAL LIMITS	+	+	+	+	+
JAB046F						
	ALOPECIA ABDOMEN SLIGHT	-	-	-	+	+
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	+	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	+	+
JAB138F						
	WITHIN NORMAL LIMITS	-	+	+	+	+

APPENDIX II - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2A) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 105	DAY 112	DAY 119	DAY 126	DAY 133
JAB043F						
	SWOLLEN BOTH EARS SLIGHT	-	+	+	+	+
JAB332F						
	WITHIN NORMAL LIMITS	+	+	+	+	+
JAB337F						
	WITHIN NORMAL LIMITS	-	-	+	+	+
JAB140F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB328F						
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	-	+	+
	ALOPECIA VENTRAL CERVICAL MODERATE	-	+	+	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	+	+
	ALOPECIA BOTH FORE PAWS EXTREME	-	+	+	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	+	-
	ALOPECIA BOTH FORE LEGS MODERATE	-	+	+	-	+
JAB042F						
	WITHIN NORMAL LIMITS	+	+	+	+	+
JAB047F						
	WITHIN NORMAL LIMITS	+	+	+	+	+
JAB134F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB048F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB341F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB333F						
	WITHIN NORMAL LIMITS	-	+	+	+	+
JAB338F						
	WITHIN NORMAL LIMITS	+	+	+	+	+

APPENDIX JJ - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23
JAB245F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB248F										
	ALOPECIA: LEFT FOREPAW SLIGHT	+	-	-	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	+	+	+	+	+	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	+	-	-	-	-	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB026F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	+	-	-
JAB251F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB095F										
	EAR(S): SWOLLEN SLIGHT	+	+	+	+	+	+	-	-	-
	EAR(S): RED	+	+	+	+	+	+	-	-	-
JAB097F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB254F										
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	-	-	-	+	+	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB100F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	+	-	-	-
	BROKEN: BOTH UPPER INCISORS	-	-	-	-	-	+	-	-	-
JAB257F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB260F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB263F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-	-	-	-
	MASS: RIGHT LATERAL ABDOMEN	-	-	-	-	-	+	-	-	-
JAB266F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB269F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB101F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-

APPENDIX JJ - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23
JAB270F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB273F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
JAB252F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	+	-	-
JAB028F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB275F										
	DRY RED OCULAR DISCHARGE: RIGHT SLIGHT	+	+	+	+	+	+	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	-	-	-
	BROKEN: RIGHT UPPER INCISOR	+	+	+	+	+	+	-	-	-
	TEETH CUT	-	-	-	+	+	+	-	-	-
JAB255F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB264F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB267F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB262F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB102F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-	-	-	-
	ALOPECIA: LEFT FOREPAW SLIGHT	-	-	-	-	-	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB246F										
	NO OBSERVABLE ABNORMALITIES	+	+	-	-	-	-	-	-	-
	ALOPECIA: RIGHT UPPER FORELEG SLIGHT	-	-	-	-	+	+	-	-	-
	ALOPECIA: LEFT FOREPAW SLIGHT	-	-	-	+	+	+	-	-	-
	ALOPECIA: LEFT FORELEG SLIGHT	-	-	-	-	+	+	-	-	-
	SCAB(S): LEFT FOREPAW	-	-	+	-	-	-	-	-	-
	SCAB(S): RIGHT UPPER FORELEG	-	-	-	-	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	-	+
JAB256F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-

APPENDIX JJ - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME=	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23
JAB098F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	+	-	-
JAB249F											
	NO OBSERVABLE ABNORMALITIES		+	-	-	-	-	-	-	-	-
	ALOPECIA: LEFT FOREPAW SLIGHT		-	+	-	-	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT		-	-	+	+	+	+	-	-	-
	ALOPECIA: BOTH HINDLEGS SLIGHT		-	-	-	-	+	+	-	-	-
	ALOPECIA: VENTRAL CERVICAL SLIGHT		-	-	+	+	+	+	-	-	-
	ALOPECIA: VENTRAL SURFACE SLIGHT		-	-	-	+	+	+	-	-	-
JAB253F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	-	-	-	-	-
	DRY RED OCULAR DISCHARGE: RIGHT SLIGHT		-	-	-	-	+	+	-	-	-
JAB271F											
	ANIMAL DEAD		+	-	-	-	-	-	-	-	-

APPENDIX JJ - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23
JAB029F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	+	-	-
JAB032F										
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	+	-	-	-	-
	ALOPECIA: RIGHT LATERAL POSTERIOR SLIGHT	-	+	+	+	-	-	-	-	-
	ALOPECIA: RIGHT LATERAL POSTERIOR EXTREME	-	-	-	-	+	+	-	-	-
	SCABS: RIGHT LATERAL POSTERIOR	-	-	-	-	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	+	-	-
JAB276F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB279F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB104F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB282F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB285F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB288F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-	-	-	-
	DRY RED OCULAR DISCHARGE: RIGHT SLIGHT	-	-	-	-	-	+	-	-	-
	DRY RED OCULAR DISCHARGE: LEFT MODERATE	-	-	-	-	-	+	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	+	-	-	-
	TEETH CUT	-	-	-	-	-	+	-	-	-
JAB035F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB291F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB107F										
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	-	+	+	-	-	-
JAB292F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	RED EXUDATE: VAGINA	-	-	-	-	-	-	-	+	-
	APPARENT DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-

APPENDIX JJ - INDIVIDUAL GESTATION OBSERVATIONS - P2,F2A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23
JAB295F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB347F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB298F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB299F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB348F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB277F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB293F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB037F										
	NO OBSERVABLE ABNORMALITIES	-	-	-	+	+	-	-	-	-
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	-	+	-	-	+	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	-	-	-	-	-	-	-
JAB349F										
	NO OBSERVABLE ABNORMALITIES	+	+	-	-	-	-	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	-	-	+	+	+	-	-	-
	ALOPECIA: VENTRAL CERVICAL SLIGHT	-	-	+	+	-	-	-	-	-
	ALOPECIA: VENTRAL CERVICAL MODERATE	-	-	-	-	+	+	-	-	-
JAB278F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB300F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
JAB034F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB105F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
JAB289F										
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	-	-	-	-
	DRY RED OCULAR DISCHARGE: RIGHT SLIGHT	-	+	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	+	+	+	+	+	-	-	-
	BROKEN: LEFT UPPER INCISOR	-	+	+	-	-	-	-	-	-
	TEETH CUT	-	+	+	-	-	-	-	-	-

APPENDIX JJ - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23
JAB297F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB106F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB281F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB290F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-

DRAFT

APPENDIX JJ - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23
JAB302F										
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+	-	-	-
	ALOPECIA: BOTH HINDLEGS SLIGHT	-	-	+	+	+	+	-	-	-
	OPEN LACERATIONS: BASE OF TAIL	-	-	-	+	-	-	-	-	-
	SCABS: BASE OF TAIL	-	-	-	-	+	+	-	-	-
JAB038F										
	ALOPECIA: VENTRAL ABDOMEN SLIGHT	+	+	+	+	+	+	-	-	-
	ALOPECIA: RIGHT UPPER HINDLEG SLIGHT	+	+	+	-	-	-	-	-	-
	ALOPECIA: LEFT UPPER HINDLEG SLIGHT	-	-	+	-	-	-	-	-	-
	SCAB(S): RIGHT UPPER HINDLEG	+	+	+	-	-	-	-	-	-
	SCAB(S): RIGHT LATERAL POSTERIOR DORSAL	-	-	-	+	+	+	-	-	-
	SCAB(S): LEFT LATERAL POSTERIOR DORSAL	-	-	-	+	+	+	-	-	-
JAB110F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	-	-	-	-	-
	ALOPECIA: RIGHT UPPER HINDLEG SLIGHT	-	-	-	+	+	-	-	-	-
	ALOPECIA: BOTH UPPER HINDLEGS MODERATE	-	-	-	-	-	+	-	-	-
JAB305F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	+	-	-	-
	ALOPECIA: LEFT HINDLEG SLIGHT	-	-	-	-	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB113F										
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	+	+	+	+	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	-	-	-	-	+	-	-	-
	ALOPECIA: LEFT FORELEG SLIGHT	-	-	+	+	+	-	-	-	-
	ALOPECIA: LEFT FORELEG MODERATE	-	-	-	-	-	+	-	-	-
	ALOPECIA: LEFT HINDLEG SLIGHT	-	-	-	-	-	+	-	-	-
	ALOPECIA: VENTRAL ABDOMEN SLIGHT	+	+	+	+	+	+	-	-	-
JAB116F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	-	-	-	-	-
	ALOPECIA: RIGHT UPPER HINDLEG SLIGHT	-	-	-	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB308F										
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	+	+	+	+	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+	-	-	-
	ALOPECIA: VENTRAL CERVICAL SLIGHT	-	-	-	-	+	+	-	-	-
JAB311F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	+	-	-
JAB118F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-

DRAFT
NOT FOR SUBMISSION

APPENDIX JJ - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23
JAB314F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	+	+	-	-	-
	TEETH CUT	-	-	-	+	-	-	-	-	-
JAB121F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	+	-	-
JAB124F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB316F										
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-
JAB127F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB130F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB319F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB322F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB320F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB114F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
JAB306F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	+	+	+	-	-	-
	ALOPECIA: RIGHT POSTERIOR SLIGHT	-	-	-	+	-	-	-	-	-
	ALOPECIA: POSTERIOR SLIGHT	-	-	-	-	+	+	-	-	-
JAB313F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	-	-	-	-	-
	ALOPECIA: LEFT UPPER HINDLEG SLIGHT	-	-	-	+	+	+	-	-	-
JAB323F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	-	-	-	-	-
	ALOPECIA: LEFT UPPER HINDLEG MODERATE	-	-	-	+	+	-	-	-	-
	ALOPECIA: BASE OF TAIL SLIGHT	-	-	-	+	+	-	-	-	-
	ALOPECIA: BASE OF TAIL MODERATE	-	-	-	-	-	+	-	-	-
	ALOPECIA: BOTH UPPER HINDLEGS MODERATE	-	-	-	-	-	+	-	-	-
JAB310F										
	DRY RED OCULAR DISCHARGE: LEFT SLIGHT	+	-	-	-	-	+	-	-	-
	DRY RED OCULAR DISCHARGE: BOTH SLIGHT	-	-	+	+	-	-	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	-	-	-

APPENDIX JJ - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23
JAB310F	CONT.									
	TEETH CUT	-	+	+	-	+	+	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	-	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	+	-	-
JAB117F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB040F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB309F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB039F										
	MALOCCLUDED INCISORS	+	+	+	+	+	+	-	-	-
	BROKEN: LEFT UPPER INCISOR	-	+	+	+	+	+	-	-	-
	TEETH CUT	+	+	+	-	-	+	-	-	-
	ALOPECIA: BOTH FOREPAWS	-	+	-	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	-	+	+	+	+	-	-	-
	ANO-GENITAL STAINING SLIGHT	-	-	-	-	+	-	-	-	-
JAB317F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB120F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB112F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	-	-	-	-	-
	EAR(S): SWOLLEN SLIGHT	-	-	-	+	+	+	-	-	-
	EAR(S): RED SLIGHT	-	-	-	+	+	+	-	-	-

APPENDIX JJ - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
D[illegible]3 GROUP: 500MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23
JAB325F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-	-	-	-
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	-	-	-	-	+	-	-	-
JAB133F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB327F										
	ALOPECIA: RIGHT FOREPAW MODERATE	-	-	+	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	+	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS EXTREME	-	-	-	-	+	+	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+	-	-	-
	ALOPECIA: ABDOMEN SLIGHT	-	-	-	+	+	+	-	-	-
JAB041F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-
JAB331F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB135F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB136F										
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	-	-	-
JAB334F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	-	+	+	+	+	+	-	-	-
JAB045F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB335F										
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-
JAB050F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB336F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB339F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	-	-	-	-
	MISSED OBSERVATION	-	-	-	-	-	+	-	-	-
JAB329F										
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-
JAB330F										
	EAR(S): SWOLLEN SLIGHT	-	-	-	+	+	-	-	-	-
	EAR(S): RED SLIGHT	-	-	-	+	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	+	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	-	+	-	-	-

APPENDIX JJ - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME=	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23
JAB343F											
	MATING NOT CONFIRMED: NO OBSERVATIONS		+	+	+	+	+	+	-	-	-
JAB046F											
	ALOPECIA: RIGHT FOREPAW SLIGHT		+	+	-	-	+	+	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT		+	+	+	+	+	+	-	-	-
	ALOPECIA: VENTRAL SURFACE SLIGHT		-	-	+	+	+	+	-	-	-
JAB138F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
JAB043F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	-	-	-	-	-
	EAR(S): SWOLLEN SLIGHT		-	-	-	-	+	+	-	-	-
	EAR(S): RED SLIGHT		-	-	-	-	+	+	-	-	-
JAB332F											
	MATING NOT CONFIRMED: NO OBSERVATIONS		+	+	+	+	+	+	-	-	-
JAB337F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
JAB140F											
	URINE STAINING SLIGHT		+	+	+	+	+	+	-	-	-
JAB328F											
	DRY RED OCULAR DISCHARGE: RIGHT SLIGHT		-	+	+	+	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE		+	+	+	+	+	+	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT		+	+	+	+	+	+	-	-	-
	ALOPECIA: VENTRAL CERVICAL SLIGHT		-	+	+	+	+	+	-	-	-
	ALOPECIA: VENTRAL ABDOMEN SLIGHT		-	-	-	-	-	+	-	-	-
JAB042F											
	MATING NOT CONFIRMED: NO OBSERVATIONS		+	+	+	+	+	+	-	-	-
JAB04[illegible]											
	MATING NOT CONFIRMED: NO OBSERVATIONS		+	+	+	+	+	+	-	-	-
JAB134F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
JAB048F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
JAB341F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	+	-	-
JAB333F											
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-
JAB338F											
	MATING NOT CONFIRMED: NO OBSERVATIONS		+	+	+	+	+	+	-	-	-

APPENDIX KK - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB245F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB248F							
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	-
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	+	+	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	+	+	+
	ALOPECIA: LEFT FORELEG SLIGHT	-	+	+	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	+	+	+
JAB026F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB251F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB095F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB097F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB254F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	+	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	-	+	-
	ALOPECIA: BOTH FORELEGS MODERATE	-	-	-	+	-	+
	ALOPECIA: RIGHT HINDLEG SLIGHT	-	+	+	+	+	+
JAB100F							
	BROKEN: BOTH UPPER INCISORS	+	+	+	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	+
JAB257F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	+	+	+
JAB260F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB263F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB266F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	-	-	+	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	+	+
JAB269F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB101F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+

DRAFT
NOT SUBJECT TO
QA AUDIT

APPENDIX KK - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB270F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB273F							
	ALOPECIA: RIGHT FOREPAW SLIGHT	+	+	-	-	-	-
	ALOPECIA: LEFT FOREPAW MODERATE	+	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	+	+	+	+
JAB252F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB028F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB275F							
	DRY RED OCULAR DISCHARGE: RIGHT SLIGHT	-	-	+	+	-	+
	DRY RED OCULAR DISCHARGE: RIGHT MODERATE	+	+	-	-	+	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+
	BROKEN: RIGHT UPPER INCISOR	+	+	+	+	+	+
	TEETH CUT	-	-	-	-	+	+
	ALOPECIA: VENTRAL ABDOMEN SLIGHT	-	-	-	-	+	+
JAB255F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB264F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	-
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	-	-	-	+	+
JAB267F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB262F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB102F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB246F							
	ALOPECIA: RIGHT UPPER FORELEG	+	-	-	-	-	-
	ALOPECIA: LEFT FORELEG SLIGHT	+	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	+	-	-	-	-
	SCAB(S): RIGHT UPPER FORELEG	+	-	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB256F							
	NO OBSERVABLE AENORMALITIES	+	+	+	+	+	+
JAB098F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB249F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-		+	+	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	-	-	-	-

APPENDIX KK - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB249F	CONT.						
	ALOPECIA: BOTH FORELEGS MODERATE	-	-	+	+	+	+
	ALOPECIA: BOTH HINDLEGS SLIGHT	+	+	+	+	+	+
	ALOPECIA: VENTRAL CERVICAL SLIGHT	+	+	+	+	-	-
	ALOPECIA: VENTRAL CERVICAL MODERATE	-	-	-	-	+	+
	ALOPECIA: VENTRAL SURFACE SLIGHT	+	+	+	+	-	-
	ALOPECIA: VENTRAL SURFACE MODERATE	-	-	-	-	+	+
	SCAB(S): VENTRAL SURFACE	-	-	-	-	+	+
JAB253F							
	NO OBSERVABLE ABNORMALITIES	-	+	+	+	+	+
	DRY RED OCULAR DISCHARGE: RIGHT SLIGHT	+	-	-	-	-	-
JAB271F							
	ANIMAL DEAD	+	-	-	-	-	-

APPENDIX KK - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB029F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB032F							
	ALOPECIA: RIGHT LATERAL POSTERIOR EXTREME	+	+	+	+	+	+
	SCAB(S): RIGHT LATERAL POSTERIOR	+	+	+	+	+	+
JAB276F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB279F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB104F							
	NO OBSERVABLE ABNORMALITIES	-	+	+	+	+	+
	RED EXUDATE: VAGINA	+	-	-	-	-	-
JAB282F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB285F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB288F							
	DRY RED OCULAR DISCHARGE: LEFT MODERATE	+	+	+	+	+	+
	MALOCCLUDED INCISORS	+	+	+	+	+	+
	TEETH CUT	+	-	+	+	+	+
JAB035F							
	ALOPECIA: VENTRAL CERVICAL SLIGHT	-	-	+	+	+	+
	ALOPECIA: LEFT UPPER HINDLEG MODERATE	+	+	+	+	-	-
	ALOPECIA: BOTH UPPER HINDLEGS SLIGHT	-	-	-	-	-	+
	ALOPECIA: BOTH UPPER HINDLEGS MODERATE	-	-	-	-	+	-
JAB291F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB107F							
	BROKEN: RIGHT UPPER INCISOR	+	+	+	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	+	+	+	+
JAB202F							
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	+	+	+	+	+
JAB295F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB347F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB298F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+

APPENDIX KK - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME- DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB299F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB348F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB277F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB293F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB037F							
	ALOPECIA: RIGHT FOREPAW SLIGHT	+	-	-	-	-	-
	ALOPECIA: RIGHT FOREPAW MODERATE	-	+	+	-	-	-
	ALOPECIA: LEFT FOREPAW SLIGHT	-	-	+	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	+	+	+
JAB349F							
	ALOPECIA: RIGHT FORELEG SLIGHT	+	-	-	+	+	+
	ALOPECIA: RIGHT FORELEG MODERATE	-	+	+	-	-	-
	ALOPECIA: LEFT FORELEG SLIGHT	-	+	-	-	-	-
	ALOPECIA: VENTRAL CERVICAL SLIGHT	-	-	+	+	+	+
	ALOPECIA: VENTRAL CERVICAL MODERATE	+	+	-	-	-	-
JAB278F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB300F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB034F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB105F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB289F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB297F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB106F							
	NO OBSERVABLE ABNORMALITIES	-	+	+	+	+	+
	RED EXUDATE: VAGINA	+	-	-	-	-	-
JAB281F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB290F							
	NO OBSERVABLE ABNORMALITIES	-	-	-	-	+	+
	DRY RED OCULAR DISCHARGE: RIGHT SLIGHT	+	-	-	-	-	-
	MISSING: RIGHT UPPER INCISOR	-	-	+	-	-	-
	MALOCCLUDED INCISORS	+	+	-	-	-	-
	BROKEN: RIGHT UPPER INCISOR	-	-	-	+	-	-

APPENDIX KK - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB302F							
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+
	ALOPECIA: BOTH HINDLEGS SLIGHT	+	+	+	+	+	+
	ALOPECIA: BASE OF TAIL SLIGHT	-	-	+	+	+	+
	SCABS: BASE OF TAIL	+	+	-	-	-	-
JAB038F							
	ALOPECIA: VENTRAL ABDOMEN SLIGHT	+	+	-	-	-	-
	ALOPECIA: RIGHT LATERAL POSTERIOR DORSAL SLI	-	-	-	+	+	+
	ALOPECIA: THORACIC SLIGHT	-	-	+	+	+	-
	SCAB(S): RIGHT LATERAL POSTERIOR DORSAL	+	+	-	+	+	+
	SCAB(S): LEFT LATERAL POSTERIOR DORSAL	+	+	-	+	+	+
	ALOPECIA: LEFT LATERAL POSTERIOR DORSAL SLI	-	-	-	+	+	+
	ALOPECIA: ABDOMEN SLIGHT	-	-	+	+	+	+
	ALOPECIA: RIGHT LATERAL POSTERIOR SLIGHT	-	-	+	-	-	-
	SCAB(S): RIGHT LATERAL POSTERIOR SLIGHT	-	-	+	-	-	-
	SCAB(S): INGUINAL AREA	+	+	-	-	-	-
	ALOPECIA: LEFT LATERAL POSTERIOR SLIGHT	-	-	+	-	-	-
	SCAB(S): LEFT LATERAL POSTERIOR	-	-	+	-	-	-
	ALOPECIA: VENTRAL THORACIC SLIGHT	-	-	-	-	-	+
JAB110F							
	NO OBSERVABLE ABNORMALITIES	-	-	-	-	+	+
	ALOPECIA: BOTH UPPER HINDLEGS MODERATE	+	+	+	+	-	-
JAB305F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB113F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	+	+	+
	ALOPECIA: RIGHT FORELEG SLIGHT	+	+	-	-	-	-
	ALOPECIA: LEFT FORELEG MODERATE	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	+	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	-	-	-	+	+	+
	ALOPECIA: LEFT HINDLEG SLIGHT	+	+	+	-	-	-
	ALOPECIA: LEFT HINDLEG MODERATE	-	-	-	+	+	+
	ALOPECIA: VENTRAL CERVICAL MODERATE	-	-	-	-	-	+
	ALOPECIA: ABDOMEN SLIGHT	+	+	+	-	-	-
	ALOPECIA: ABDOMEN MODERATE	-	-	-	+	+	+
JAB116F							
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	-	-	-	-	+
	ALOPECIA: VENTRAL SURFACE SLIGHT	+	+	+	+	+	+

APPENDIX KK - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB308F								
	ANIMAL DID NOT DELIVER		+	-	-	-	-	-
JAB311F								
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+
JAB118F								
	ANIMAL DID NOT DELIVER		+	-	-	-	-	-
JAB314F								
	ANIMAL DID NOT DELIVER		+	-	-	-	-	-
JAB121F								
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+
JAB124F								
	ANIMAL DID NOT DELIVER		+	-	-	-	-	-
JAB316F								
	ANIMAL DEAD		+	-	-	-	-	-
JAB127F								
	ANIMAL DID NOT DELIVER		+	-	-	-	-	-
JAB130F								
	ANIMAL DID NOT DELIVER		+	-	-	-	-	-
JAB319F								
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+
JAB322F								
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+
JAB320F								
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+
JAB114F								
	ANIMAL DID NOT DELIVER		+	-	-	-	-	-
JAB306F								
	ALOPECIA: BOTH FOREPAWS SLIGHT		+	+	+	+	+	-
	ALOPECIA: BOTH FOREPAWS MODERATE		-	-	-	-	-	+
	ALOPECIA: POSTERIOR SLIGHT		+	+	+	-	-	-
JAB313F								
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+
JAB323F								
	NO OBSERVABLE ABNORMALITIES		-	-	-	-	+	+
	ALOPECIA: BASE OF TAIL SLIGHT		-	-	+	-	-	-
	ALOPECIA: BASE OF TAIL MODERATE		+	+	-	-	-	-
	ALOPECIA: BOTH UPPER HINDLEGS SLIGHT		-	-	-	+	-	-
	ALOPECIA: BOTH UPPER HINDLEGS MODERATE		+	+	+	-	-	-
JAB310F								
	DRY RED OCULAR DISCHARGE: LEFT SLIGHT		-	-	+	+	+	+
	MALOCCLUDED INCISORS		+	+	+	+	+	-

APPENDIX KK - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME=	DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB310F	CONT.							
	TEETH CUT		-	-	-	+	+	-
	ALOPECIA: BOTH FOREPAWS SLIGHT		+	+	+	+	-	-
JAB117F								
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+
JAB040F								
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+
JAB309F								
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+
JAB039F								
	MALOCCLUDED INCISORS		+	+	+	+	+	+
	BROKEN: LEFT UPPER INCISOR		+	+	+	+	+	+
	TEETH CUT		-	-	+	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT		-	+	+	-	-	+
	ALOPECIA: BOTH FOREPAWS MODERATE		-	-	-	+	+	-
	ALOPECIA: BOTH FORELEGS SLIGHT		-	-	+	+	+	+
	RED EXUDATE: VAGINA		-	+	-	-	-	-
JAB317F								
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+
JAB120F								
	ANIMAL DID NOT DELIVER		+	-	-	-	-	-
JAB112F								
	EAR(S): SWOLLEN SLIGHT		+	+	+	+	+	+
	EAR(S): RED SLIGHT		+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT		-	-	-	-	+	+

APPENDIX KK - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2A
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB325F							
	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	+	-	-	+
	ALOPECIA: BOTH FOREPAWS EXTREME	-	-	-	+	+	-
JAB133F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB327F							
	ALOPECIA: BOTH FOREPAWS EXTREME	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	+	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	-	+	-	-	-	-
	ALOPECIA: ABDOMEN SLIGHT	+	+	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB041F							
	NO OBSERVABLE ABNORMALITIES	-	+	-	-	-	-
	RED EXUDATE: VAGINA	+	-	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB331F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB135F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB136F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB334F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB045F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB335F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB050F							
	10% OPACITY: BOTH EYES	+	+	+	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	-	+	+	+
JAB336F							
	NO OBSERVABLE ABNORMALITIES	+	+	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB339F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB329F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	-	-	+	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	+	+
JAB330F							
	EAR(S): SWOLLEN SLIGHT	-	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	-	-	-	-

APPENDIX KK - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2A CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB330F	CONT.						
	ALOPECIA: RIGHT FORELEG SLIGHT	+	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	+	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB343F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB046F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+
	ALOPECIA: VENTRAL SURFACE SLIGHT	+	+	+	+	+	+
JAB138F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB043F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB332F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB337F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB140F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB328F							
	ALOPECIA: BOTH FOREPAWS EXTREME	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	+	+	-	-	-	-
	ALOPECIA: VENTRAL CERVICAL MODERATE	+	+	-	-	-	-
	ALOPECIA: VENTRAL ABDOMEN SLIGHT	+	+	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB042F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB047F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB134F							
	NO OBSERVABLE ABNORMALITIES	+	+	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB048F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB341F							
	NO OBSERVABLE ABNORMALITIES	+	+	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB333F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB338F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B)
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB245F													
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	-	-	-	-	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	+	-	-	-	-	-	+
JAB248F													
	WITHIN NORMAL LIMITS	-	+	+	+	-	-	-	-	-	-	-	+
	ALOPECIA BOTH FORE PAWS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
JAB026F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+
JAB251F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+
JAB095F													
	WITHIN NORMAL LIMITS	+	-	-	-	-	-	-	-	-	-	-	-
	SWOLLEN BOTH EARS SLIGHT	-	+	+	+	+	+	+	+	+	+	-	+
JAB097F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+
JAB254F													
	ALOPECIA POSTERIOR DORSAL SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT HINDLEG SLIGHT	+	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA BOTH FORE PAWS SLIGHT	+	+	+	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	-	-	-	-	-	-	-	-	-	+
JAB100F													
	WITHIN NORMAL LIMITS	-	-	+	+	+	-	-	-	-	-	-	+
	ALOPECIA LEFT FORELEG SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA LEFT FORE PAW SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
JAB257F													
	ALOPECIA BOTH FORE PAWS SLIGHT	+	+	-	-	-	-	-	-	-	-	-	+
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	+	-	-	-	-	-	-	-	-	-
JAB260F													
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	-	-	-	-	-
JAB263F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	+	+	-	+
JAB266F													
	WITHIN NORMAL LIMITS	-	+	+	-	-	-	-	-	-	-	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
JAB269F													
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	+
JAB101F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+
JAB270F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB273F													
	ALOPECIA BOTH FORE PAWS MODERATE	+	+	-	-	-	-	-	-	-	-	-	+
	ALOPECIA LEFT FORE PAW MODERATE	-	-	+	+	-	-	-	-	-	-	-	-
JAB252F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-
JAB028F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+
JAB275F													
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA BOTH HIND LEGS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	+
	TEETH CUT	+	+	+	+	-	-	-	-	-	-	-	-
	BROKEN RIGHT UPPER INCISOR	+	+	+	+	-	-	-	-	-	-	-	+
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	+	+	+	-	-	-	-	-	-	-	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE MOD	+	-	-	-	-	-	-	-	-	-	-	-
JAB255F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+
	MASS LEFT LATERAL THORAX	-	-	-	-	-	-	-	-	-	-	-	+
JAB264F													
	WITHIN NORMAL LIMITS	-	-	+	-	-	-	-	-	-	-	-	+
	ALOPECIA RIGHT FORE PAW SLIGHT	+	+	-	-	-	-	-	-	-	-	-	-
JAB267F													
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	+	+	-	+
JAB262F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	-
JAB102F													
	ALOPECIA LEFT FORE PAW SLIGHT	-	+	+	-	-	-	-	-	-	-	-	-
	TEETH CUT	+	+	+	-	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	+	+	+	-	-	-	-	-	-	-	-	+
JAB246F													
	WITHIN NORMAL LIMITS	-	-	-	+	+	+	+	-	-	-	-	-
	ALOPECIA RIGHT FORELEG SLIGHT	+	+	+	-	-	-	-	-	-	-	-	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	-	-	+	+	+	-	+
JAB256F													
	WITHIN NORMAL LIMITS	+	-	+	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	+	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORE PAW SLIGHT	-	+	-	+	-	-	-	-	-	-	-	-
JAB098F													
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB249F													
	ALOPECIA VENTRAL SLIGHT	-	-	+	+	-	-	-	-	-	-	-	-
	ALOPECIA VENTRAL MODERATE	+	+	-	-	-	-	-	-	-	-	-	+
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	+	+	-	-	-	-	-	-	-	-
	ALOPECIA LEFT HINDLEG SLIGHT	-	-	-	+	-	-	-	-	-	-	-	-
	ALOPECIA LEFT HINDLEG MODERATE	-	-	+	-	-	-	-	-	-	-	-	+
	ALOPECIA VENTRAL CERVICAL MODERATE	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA BOTH FORE PAWS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA BOTH HIND LEGS SLIGHT	-	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH HIND LEGS MODERATE	+	-	-	-	-	-	-	-	-	-	-	-
	SCABS VENTRAL	-	-	-	-	-	-	-	-	-	-	-	+
	SCABS RIGHT FORELEG	-	+	+	-	-	-	-	-	-	-	-	-
	SCABS LEFT HINDLEG	-	-	+	+	-	-	-	-	-	-	-	+
	SCABS ABDOMEN	+	+	-	-	-	-	-	-	-	-	-	-
	SCABS VENTRAL CERVICAL	+	+	+	-	-	-	-	-	-	-	-	-
	SCABS BOTH FORE LEGS	+	-	-	-	-	-	-	-	-	-	-	+
JAB253F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 211	DAY 216	DAY 217
JAB245F	SWOLLEN BOTH EARS SLIGHT	-	+	-
JAB248F	WITHIN NORMAL LIMITS	-	-	+
JAB026F	WITHIN NORMAL LIMITS	-	+	-
JAB251F	WITHIN NORMAL LIMITS	-	-	+
JAB095F	ALOPECIA BOTH FORE LEGS SLIGHT	-	+	-
	SWOLLEN BOTH EARS SLIGHT	-	+	-
JAB097F	WITHIN NORMAL LIMITS	-	+	-
JAB254F	ALOPECIA RIGHT HINDLEG SLIGHT	-	+	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	+	-
	ALOPECIA BOTH FORE LEGS MODERATE	-	+	-
JAB100F	WITHIN NORMAL LIMITS	-	-	+
JAB257F	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	+
JAB260F	WITHIN NORMAL LIMITS	-	-	+
JAB263F	WITHIN NORMAL LIMITS	+	-	-
JAB266F	WITHIN NORMAL LIMITS	-	-	+
JAB269F	WITHIN NORMAL LIMITS	-	-	+
JAB101F	WITHIN NORMAL LIMITS	-	-	+
JAB270F	WITHIN NORMAL LIMITS	-	-	+
JAB273F	ALOPECIA BOTH FORE PAWS MODERATE	-	-	+
JAB252F	WITHIN NORMAL LIMITS	-	-	+
JAB028F	WITHIN NORMAL LIMITS	-	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

0 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 2 1 1	DAY 2 1 6	DAY 2 1 7
JAB275F				
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	+
	ALOPECIA BOTH HIND LEGS SLIGHT	-	-	+
	BROKEN RIGHT UPPER INCISOR	-	-	+
	MALOCCLUDED INCISORS	-	-	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	+
JAB255F				
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	+
JAB264F				
	WITHIN NORMAL LIMITS	-	+	-
JAB267F				
	WITHIN NORMAL LIMITS	+	-	-
JAB262F				
	WITHIN NORMAL LIMITS	-	-	+
JAB102F				
	MALOCCLUDED INCISORS	-	-	+
JAB246F				
	SWOLLEN BOTH EARS SLIGHT	-	+	-
JAB098F				
	WITHIN NORMAL LIMITS	-	-	+
JAB249F				
	ALOPECIA VENTRAL MODERATE	-	-	+
	ALOPECIA LEFT HINDLEG MODERATE	-	-	+
	ALOPECIA VENTRAL CERVICAL MODERATE	-	-	+
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	+
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	+
	SCABS VENTRAL	-	-	+
	SCABS LEFT HINDLEG	-	-	+
	SCABS BOTH FORE LEGS	-	-	+
JAB253F				
	WITHIN NORMAL LIMITS	-	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 140	DAY 147	DAY 145	DAY 161	DAY 166	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210	DAY 211
JAB029F														
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+	-
JAB032F														
	WITHIN NORMAL LIMITS	-	-	-	-	-	-	-	-	-	-	-	+	-
	ALOPECIA DORSAL RIGHT UPPER HINDLEG EXT	-	+	+	+	-	-	-	-	-	-	-	-	-
	ALOPECIA LEFT FORELEG SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-	-
	SCABS DORSAL RIGHT UPPER HINDLEG	-	+	+	+	-	-	-	-	-	-	-	-	-
JAB276F														
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	+	+	-	+	-
JAB279F														
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	-	+	-
JAB104F														
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	+	-
JAB282F														
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	+	+	-	+	+
JAB285F														
	WITHIN NORMAL LIMITS	-	+	+	+	-	-	-	-	+	+	-	+	+
	ALOPECIA LEFT FORELEG SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-	-
JAB288F														
	TEETH CUT	+	+	+	+	-	-	-	-	-	-	-	+	-
	MALOCCLUDED INCISORS	+	+	+	+	-	-	-	-	-	-	-	+	-
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	+	+	+	+	-	-	-	-	-	-	-	+	-
JAB035F														
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-
JAB291F														
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	-	-	-	+	-
JAB107F														
	ALOPECIA BOTH FORE PAWS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	+	+	-	-	-	-	-	-	-	-	+	-
JAB292F														
	WITHIN NORMAL LIMITS	+	+	+	-	+	-	-	-	-	-	-	-	-
	URINE STAINING	-	-	-	+	-	-	-	-	-	-	-	-	-
JAB295F														
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	+	-
JAB347F														
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+	-
JAB298F														
	WITHIN NORMAL LIMITS	-	+	+	+	-	-	-	-	+	+	-	+	-
	SWOLLEN RIGHT EA SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210	DAY 211
JAB299F														
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	+	-
JAB348F														
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+	-
JAB277F														
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	+	-	-	-	-
	SWOLLEN BOTH EARS SLIGHT	-	-	-	-	-	-	-	-	-	+	-	+	-
JAB293F														
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	-	+	-
JAB037F														
	ALOPECIA BOTH FORE PAWS MODERATE	+	+	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS EXTREME	-	-	-	-	-	-	-	-	-	-	-	+	-
JAB349F														
	URINE STAINING	-	-	-	+	-	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORELEG SLIGHT	+	+	+	-	-	-	-	-	-	-	-	+	-
	ALOPECIA VENTRAL CERVICAL SLIGHT	+	+	+	-	-	-	-	-	-	-	-	+	-
JAB278F														
	WITHIN NORMAL LIMITS	+	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	+	+	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	+	-	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORE PAW SLIGHT	-	-	+	-	-	-	-	-	-	-	-	-	-
JAB300F														
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	-	-	-	-	-	-
JAB034F														
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	+	+	-	+	+
JAB105F														
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+	-
JAB289F														
	ALOPECIA RIGHT FORELEG SLIGHT	+	+	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	+	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	+	-
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	-	-	-	-	-	-	-	-	-	-	-	+	-
JAB297F														
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+	-
JAB106F														
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+	-
JAB281F														
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	+	+	-	+	+
JAB290F														
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	+	-

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 216	DAY 217
JAB029F			
	WITHIN NORMAL LIMITS	-	+
JAB032F			
	WITHIN NORMAL LIMITS	-	+
JAB276F			
	WITHIN NORMAL LIMITS	+	-
JAB279F			
	WITHIN NORMAL LIMITS	-	+
JAB104F			
	WITHIN NORMAL LIMITS	+	-
JAB288F			
	TEETH CUT	-	+
	MALOCCLUDED INCISORS	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	-	+
JAB035F			
	WITHIN NORMAL LIMITS	-	+
JAB291F			
	WITHIN NORMAL LIMITS	+	-
JAB107F			
	ALOPECIA BOTH FORE PAWS MODERATE	-	+
JAB292F			
	WITHIN NORMAL LIMITS	-	+
JAB295F			
	WITHIN NORMAL LIMITS	-	+
JAB347F			
	WITHIN NORMAL LIMITS	-	+
JAB298F			
	WITHIN NORMAL LIMITS	+	-
JAB299F			
	WITHIN NORMAL LIMITS	+	-
JAB348F			
	WITHIN NORMAL LIMITS	-	+
JAB277F			
	SWOLLEN BOTH EARS SLIGHT	+	-
JAB293F			
	WITHIN NORMAL LIMITS	-	+
JAB037F			
	ALOPECIA BOTH FORE PAWS MODERATE	+	-
JAB349F			
	ALOPECIA RIGHT FORELEG SLIGHT	-	+
	ALOPECIA VENTRAL CERVICAL MODERATE	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

50 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 216	DAY 217
JAB300F			
	WITHIN NORMAL LIMITS	+	-
JAB105F			
	WITHIN NORMAL LIMITS	-	+
JAB289F			
	ALOPECIA BOTH FORE LEGS SLIGHT	-	+
	TEETH CUT	-	+
	MALOCCLUDED INCISORS	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	-	+
JAB297F			
	WITHIN NORMAL LIMITS	-	+
JAB106F			
	WITHIN NORMAL LIMITS	-	+
JAB290F			
	BROKEN LEFT UPPER INCISOR	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB302F													
	WITHIN NORMAL LIMITS	-	+	+	-	-	-	-	-	-	-	-	-
	ALOPECIA VENTRAL SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	+	-	-	+	-	-	-	-	-	-	-	+
	ALOPECIA BOTH HIND LEGS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH HIND LEGS MODERATE	-	-	-	-	-	-	-	-	-	-	-	+
JAB038F													
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA BOTH HIND LEGS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
	SCABS RIGHT HINDLEG	+	+	+	-	-	-	-	-	-	-	-	-
JAB110F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+
JAB305F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+
JAB113F													
	ALOPECIA VENTRAL SLIGHT	-	-	-	+	-	-	-	-	-	-	-	-
	ALOPECIA VENTRAL MODERATE	+	+	+	-	-	-	-	-	-	-	-	+
	ALOPECIA LEFT HINDLEG SLIGHT	-	-	-	+	-	-	-	-	-	-	-	-
	ALOPECIA LEFT HINDLEG MODERATE	+	+	+	-	-	-	-	-	-	-	-	+
	ALOPECIA VENTRAL CERVICAL SLIGHT	+	+	+	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	+	+	+	+	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	+	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	+	+	+	-	-	-	-	-	-	-	-	+
JAB116F													
	WITHIN NORMAL LIMITS	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA VENTRAL SLIGHT	+	+	+	-	-	-	-	-	-	-	-	-
JAB308F													
	ALOPECIA VENTRAL MODERATE	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA VENTRAL CERVICAL MODERATE	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	+	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	+	+	+	-	-	-	-	-	-	-	-	+
	ALOPECIA BOTH HIND LEGS MODERATE	-	-	-	-	-	-	-	-	-	-	-	+
	MISSING LEFT UPPER INCISOR	-	-	-	-	-	-	-	-	-	-	-	+
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	+
	MALOCCLUDED INCISORS	-	-	-	+	-	-	-	-	-	-	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	+	-	-	-	-	-	-	-	-

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB311F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+
JAB118F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	+	+	-	+
JAB314F													
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	+
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-
JAB121F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+
JAB124F													
	WITHIN NORMAL LIMITS	+	+	-	-	-	-	-	-	-	-	-	-
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	+	+	+	+	-	-	-	-	-	+
JAB127F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+
JAB130F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-
JAB319F													
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	+
JAB322F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	+	+	-	+
JAB320F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+
JAB114F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	+	+	-	+
JAB306F													
	WITHIN NORMAL LIMITS	-	-	-	-	-	-	-	-	+	+	-	+
	ALOPECIA BOTH FORE PAWS SLIGHT	+	+	+	+	+	-	-	-	-	-	-	-
JAB313F													
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	+
	URINE STAINING	-	-	-	+	-	-	-	-	-	-	-	-
JAB323F													
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	+	+	-	+
JAB310F													
	TEETH CUT	-	+	+	+	-	-	-	-	+	+	-	+
	MALOCCLUDED INCISORS	+	+	+	+	-	-	-	-	+	+	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	+	+	+	+	-	-	-	-	-	+	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE MOD	-	-	-	-	-	-	-	-	+	-	-	-
JAB117F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-
	URINE STAINING SLIGHT	-	-	-	-	-	-	-	-	-	+	-	+
	SWOLLEN SNOUT	-	-	-	-	-	-	-	-	+	-	-	-
	SWOLLEN SNOUT SLIGHT	-	-	-	-	-	-	-	-	-	+	-	-
	EMACIATED SLIGHT	-	-	-	-	-	-	-	-	-	+	-	+
	SORES PALATE	-	-	-	-	-	-	-	-	-	+	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	+	+	-	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	-	-	-	-	-	-	-	+	-	-	-
JAB040F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	+
JAB309F													
	WITHIN NORMAL LIMITS	-	+	+	-	-	-	-	-	-	-	-	+
	BROKEN LEFT UPPER INCISOR	+	-	-	-	-	-	-	-	-	-	-	-
JAB039F													
	ALOPECIA BOTH FORE PAWS SLIGHT	+	+	+	+	-	-	-	-	-	-	-	-
	TEETH CUT	+	+	+	+	-	-	-	-	-	-	-	+
	BROKEN UPPER INCISOR(S)	-	+	+	+	-	-	-	-	-	-	-	+
	BROKEN LEFT UPPER INCISOR	+	-	-	-	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	-	-	-	-	-	-	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	-	-	-	+
JAB317F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	+	+	-	+
JAB120F													
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	+	+	-	+
JAB112F													
	WITHIN NORMAL LIMITS	-	-	-	+	-	-	-	-	-	-	-	-
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+
	SWOLLEN BOTH EARS SLIGHT	+	+	+	-	-	-	-	-	-	-	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 212116	DAY 212167	DAY 212177
JAB302F				
	ALOPECIA VENTRAL MODERATE	-	-	+
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	+
	ALOPECIA BOTH HIND LEGS MODERATE	-	-	+
JAB038F				
	ALOPECIA RIGHT FORELEG SLIGHT	-	+	-
JAB110F				
	WITHIN NORMAL LIMITS	-	-	+
JAB305F				
	WITHIN NORMAL LIMITS	-	-	+
JAB113F				
	ALOPECIA VENTRAL MODERATE	-	-	+
	ALOPECIA LEFT HINDLEG MODERATE	-	-	+
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	+
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	+
JAB116F				
	WITHIN NORMAL LIMITS	-	-	+
JAB308F				
	ALOPECIA VENTRAL MODERATE	-	-	+
	ALOPECIA VENTRAL CERVICAL MODERATE	-	-	+
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	+
	ALOPECIA BOTH HIND LEGS MODERATE	-	-	+
	MISSING LEFT UPPER INCISOR	-	-	+
	MALOCCLUDED INCISORS	-	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 21	DAY 21	DAY 21
		1	6	7
JAB311F				
	WITHIN NORMAL LIMITS	-	-	+
JAB118F				
	WITHIN NORMAL LIMITS	-	+	-
JAB314F				
	WITHIN NORMAL LIMITS	-	+	-
JAB121F				
	WITHIN NORMAL LIMITS	-	-	+
JAB124F				
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	-	+	-
JAB127F				
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	+
JAB130F				
	WITHIN NORMAL LIMITS	-	-	+
JAB319F				
	WITHIN NORMAL LIMITS	-	-	+
JAB322F				
	WITHIN NORMAL LIMITS	-	+	-
JAB320F				
	WITHIN NORMAL LIMITS	-	-	+
JAB114F				
	WITHIN NORMAL LIMITS	-	+	-
JAB306F				
	WITHIN NORMAL LIMITS	-	+	-
JAB313F				
	WITHIN NORMAL LIMITS	-	-	+
JAB323F				
	WITHIN NORMAL LIMITS	+	-	-
JAB310F				
	MALOCCLUDED INCISORS	-	+	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	+	-
JAB117F				
	EMACIATED SLIGHT	-	+	-
	SORES PALATE	-	+	-
	MALOCCLUDED INCISORS	-	+	-
JAB040F				
	WITHIN NORMAL LIMITS	-	-	+
JAB309F				
	WITHIN NORMAL LIMITS	-	-	+
JAB039F				
	TEETH CUT	-	-	+
	BROKEN UPPER INCISOR(S)	-	-	+
	MALOCCLUDED INCISORS	-	-	+
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

160 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 21	DAY 21	DAY 21
		1	6	7
JAB317F				
	WITHIN NORMAL LIMITS	-	+	-
JAB120F				
	WITHIN NORMAL LIMITS	+	-	-
JAB112F				
	ALOPECIA RIGHT FORELEG SLIGHT	-	-	+
	SWOLLEN BOTH EARS SLIGHT	-	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB325F													
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	+	+	+	+	-	-	-	-	-	+
	ALOPECIA BOTH FORE PAWS MODERATE	+	+	-	-	-	-	-	-	-	-	-	-
JAB133F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	+	+	-	-
	SCABS VENTRAL CERVICAL	-	-	-	-	-	-	-	-	-	-	-	+
JAB327F													
	WITHIN NORMAL LIMITS	-	-	-	-	-	-	-	-	+	-	-	-
	ALOPECIA VENTRAL SLIGHT	+	+	+	+	-	-	-	-	-	+	-	+
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	-	-	-	-	-	-	-	+	-	+
	ALOPECIA BOTH FORE PAWS MODERATE	+	+	+	+	-	-	-	-	-	+	-	+
	ALOPECIA BOTH FORE PAWS EXTREME	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	+	+	+	+	-	-	-	-	-	+	-	+
	ALOPECIA BOTH HIND LEGS SLIGHT	-	-	+	+	-	-	-	-	-	+	-	+
JAB041F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	+	-	-	-
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	-	-	-	-	-	-	-	-	+	-	+
JAB331F													
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	+
JAB135F													
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	+	+	-	+
JAB136F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	-	-	-	-
	URINE STAINING	-	-	-	-	+	-	-	-	-	-	-	-
	URINE STAINING SLIGHT	-	-	-	-	-	-	-	-	-	+	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB334F													
	WITHIN NORMAL LIMITS	-	-	-	+	+	+	+	+	+	+	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	+	+	+	-	-	-	-	-	-	-	-	-
JAB045F													
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+
JAB335F													
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	+	+	+	-	+
	URINE STAINING	-	-	-	+	+	+	+	-	-	-	-	-
JAB050F													
	WITHIN NORMAL LIMITS	+	+	+	+	+	-	-	-	-	-	-	-
	ANOGENITAL STAINING SLIGHT	-	-	-	-	-	-	-	-	-	-	-	+
	TEETH CUT	-	-	-	-	-	-	-	-	-	+	-	+
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	+	-	+
	OPACITY BOTH EYES 5%	-	-	-	-	-	-	-	-	-	-	-	+
JAB336F													
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	+	+	+	-	+
JAB339F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	+	+	+	-	+
JAB329F													
	ALOPECIA BOTH FORE PAWS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	+	+	+	-	-	-	-	+	+	-	-
	ALOPECIA BOTH FORE PAWS EXTREME	-	-	-	-	-	-	-	+	-	-	-	+
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	+	+	-	-	-	-	+	+	-	+
JAB330F													
	ALOPECIA BOTH FORE PAWS MODERATE	+	+	+	-	-	-	-	+	+	+	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	+	+	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	+	-	-	-	-	-	+	+	-	+
	SWOLLEN BOTH EARS SLIGHT	+	+	+	-	-	-	-	-	-	-	-	-
JAB343F													
	WITHIN NORMAL LIMITS	+	+	+	-	+	+	+	+	+	+	-	+
	URINE STAINING	-	-	-	+	-	-	-	-	-	-	-	-
JAB046F													
	ALOPECIA ABDOMEN SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE LEGS SLIGHT	+	+	+	+	+	+	-	-	-	-	-	+
JAB138F													
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	-	-	-	-	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEIGHT OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TWO - FEMALE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 140	DAY 147	DAY 154	DAY 161	DAY 168	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB043F													
	WITHIN NORMAL LIMITS	-	-	-	-	-	-	-	-	+	+	-	+
	SWOLLEN BOTH EARS	-	-	+	-	-	-	-	-	-	-	-	-
	SWOLLEN BOTH EARS SLIGHT	+	+	-	+	-	-	-	-	-	-	-	-
JAB332F													
	WITHIN NORMAL LIMITS	+	+	-	-	-	+	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	-	-	+
	BROKEN RIGHT UPPER INCISOR	-	-	-	+	+	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	-	-	-	-	-	-	+
JAB337F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	+	+	-	-	-
	TEETH CUT	-	-	-	-	-	-	-	-	-	+	-	+
JAB140F													
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	+	-	-	-
	URINE STAINING SLIGHT	-	-	-	-	-	-	-	-	-	+	-	+
JAB328F													
	ALOPECIA VENTRAL SLIGHT	-	-	-	-	-	-	-	+	-	-	-	+
	ALOPECIA VENTRAL MODERATE	-	-	-	-	-	-	-	-	+	+	-	-
	ALOPECIA VENTRAL CERVICAL SLIGHT	-	-	-	-	-	-	-	+	-	-	-	-
	ALOPECIA VENTRAL CERVICAL MODERATE	-	-	-	-	-	-	-	-	+	+	-	+
	ALOPECIA BOTH FORE PAWS SLIGHT	+	-	-	-	-	-	-	-	-	-	-	-
	ALOPECIA BOTH FORE PAWS MODERATE	-	+	+	+	-	-	-	+	-	-	-	-
	ALOPECIA BOTH FORE PAWS EXTREME	-	-	-	-	-	-	-	-	+	+	-	+
	ALOPECIA BOTH FORE LEGS MODERATE	+	+	+	+	-	-	-	+	+	+	-	+
	DRIED RED OCULAR DISCHARGE RIGHT EYE SLI	+	+	+	+	-	-	-	-	-	-	-	-
JAB042F													
	WITHIN NORMAL LIMITS	+	+	+	+	-	+	-	+	+	+	-	+
	MISSING UPPER INCISOR(S)	-	-	-	-	+	-	-	-	-	-	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	-	-	-	+	-	-	-	-	-
JAB047F													
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	+
JAB134F													
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	+
JAB048F													
	WITHIN NORMAL LIMITS	+	+	+	-	-	-	-	-	-	-	-	-
	TEETH CUT	-	-	-	-	-	-	+	-	-	-	-	-
	BROKEN LEFT UPPER INCISOR	-	-	-	+	+	+	+	+	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	-	+	+	+	+	+	-	+
JAB341F													
	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 140	DAY 147	DAY 154	DAY 161	DAY 166	DAY 175	DAY 182	DAY 189	DAY 196	DAY 203	DAY 209	DAY 210
JAB333F	WITHIN NORMAL LIMITS	+	+	+	+	-	-	-	-	+	+	-	+
JAB338F	WITHIN NORMAL LIMITS	+	+	+	+	+	+	+	+	+	+	-	+

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 221	DAY 261	DAY 271
JAB325F				
	ALOPECIA BOTH FORE PAWS SLIGHT	-	+	-
JAB133F				
	WITHIN NORMAL LIMITS	-	+	-
JAB327F				
	ALOPECIA BOTH FORE PAWS SLIGHT	-	+	-
	ALOPECIA BOTH FORE LEGS SLIGHT	-	+	-
JAB041F				
	DRIED RED OCULAR DISCHARGE LEFT EYE SLI	-	+	-
JAB331F				
	WITHIN NORMAL LIMITS	-	+	-
JAB135F				
	WITHIN NORMAL LIMITS	+	-	-
JAB136F				
	URINE STAINING SLIGHT	-	+	-
JAB334F				
	WITHIN NORMAL LIMITS	-	+	-
JAB045F				
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	+

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APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 221	DAY 261	DAY 287
JAB335F				
	WITHIN NORMAL LIMITS	-	+	-
JAB050F				
	ANOGENITAL STAINING SLIGHT	-	+	-
	MALOCCLUDED INCISORS	-	+	-
	OPACITY BOTH EYES 5%	-	+	-
JAB336F				
	WITHIN NORMAL LIMITS	-	+	-
JAB339F				
	WITHIN NORMAL LIMITS	-	-	+
JAB329F				
	ALOPECIA BOTH FORE PAWS MODERATE	-	-	+
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	+
JAB330F				
	ALOPECIA BOTH FORE PAWS SLIGHT	-	-	+
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	+
JAB343F				
	WITHIN NORMAL LIMITS	-	-	+
JAB046F				
	ALOPECIA BOTH FORE LEGS SLIGHT	-	-	+
JAB138F				
	WITHIN NORMAL LIMITS	-	-	+
JAB043F				
	WITHIN NORMAL LIMITS	-	-	+
JAB332F				
	TEETH CUT	-	-	+
	MALOCCLUDED INCISORS	-	-	+
JAB337F				
	TEETH CUT	-	-	+
	MALOCCLUDED INCISORS	-	-	+
JAB140F				
	URINE STAINING SLIGHT	+	-	-
JAB328F				
	ALOPECIA BOTH FORE PAWS EXTREME	-	-	+
	ALOPECIA BOTH FORE LEGS MODERATE	-	-	+
JAB042F				
	WITHIN NORMAL LIMITS	-	-	+
JAB047F				
	WITHIN NORMAL LIMITS	-	-	+
JAB134F				
	WITHIN NORMAL LIMITS	-	-	+

DRAFT

APPENDIX LL - INDIVIDUAL SCHEDULED WEEKLY OBSERVATIONS - P2 FEMALES (F2B) CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)

500 MG/KG

ANIMAL NUMBER	OBSERVATION	DAY 2 1 1	DAY 2 1 6	DAY 2 1 7
JAB048F				
	MALOCCLUDED INCISORS	-	-	+
JAB341F				
	WITHIN NORMAL LIMITS	-	-	+
JAB333F				
	WITHIN NORMAL LIMITS	-	-	+
JAB338F				
	WITHIN NORMAL LIMITS	-	-	+

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MULTI-GENERATION RAT REPRODUCTION
STUDY WITH N-METHYLPYRROLIDONE

MRD-39-365: 236535

BOOK 3 of 3 (pages 1014 - 1563)

APPENDIX MM - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23	DAY 25
JAB245F											
	EAR(S): SWOLLEN SLIGHT	+	+	+	+	+	+	-	-	-	-
	EAR(S): RED SLIGHT	+	+	+	+	+	+	-	-	-	-
JAB248F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB026F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	+	-	-	-
JAB251F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB095F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
JAB097F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB254F											
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	-	-	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	+	+	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB100F											
	NO OBSERVABLE ABNORMALITIES	-	+	+	-	-	-	-	-	-	-
	ALOPECIA: RIGHT FOREPAW MODERATE	-	-	-	+	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	-	-	-	-	-	-	-	-	-
	NOTE: ANIMAL HAD DELIVERY IN PROGRESS ON PRESUMED DAY 14G, SEE LACTATION OBSERVATIONS										
JAB257F											
	NO OBSERVABLE ABNORMALITIES	-	-	-	-	-	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	-	-	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	-	-	+	+	-	-	-	-	-
JAB260F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB263F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB266F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	-	-	-	-	-
	BROKEN: LEFT UPPER INCISOR	-	-	-	-	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	-	+	-
JAB269F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-

APPENDIX MM - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23	DAY 25
JAB101F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB270F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB273F											
	ALOPECIA: RIGHT FOREPAW SLIGHT	+	-	-	-	-	-	-	-	-	-
	ALOPECIA: LEFT FOREPAW MODERATE	+	-	-	-	-	-	-	-	-	-
	ALOPECIA: LEFT FOREPAW EXTREME	-	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB252F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB028F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB275F											
	DRY RED OCULAR DISCHARGE: RIGHT SLIGHT	+	-	-	+	+	+	-	-	-	-
	RED OCULAR DISCHARGE: RIGHT SLIGHT	-	+	-	-	-	-	-	-	-	-
	WET OCULAR DISCHARGE SLIGHT	-	-	+	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	+	+	+	+	-	-	-	-
	BROKEN: RIGHT UPPER INCISOR	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB255F											
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	-	-	-	-	-
	ALOPECIA: LEFT FOREPAW SLIGHT	-	+	+	+	-	-	-	-	-	-
	ALOPECIA: LEFT FOREPAW MODERATE	-	-	-	-	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB264F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB267F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB262F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB102F											
	MALOCCLUDED INCISORS	+	+	+	+	+	+	-	-	-	-
	TEETH CUT	+	-	-	-	-	-	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB246F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
JAB256F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-

APPENDIX MM - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23	DAY 25
JAB098F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB249F											
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	+	+	-	-	-	-
	ALOPECIA: LEFT HINDLEG SLIGHT	-	+	+	+	+	+	-	-	-	-
	ALOPECIA: VENTRAL CERVICAL SLIGHT	+	-	-	-	+	+	-	-	-	-
	ALOPECIA: VENTRAL CERVICAL MODERATE	-	+	+	+	-	-	-	-	-	-
	ALOPECIA: VENTRAL SURFACE SLIGHT	+	+	+	+	+	+	-	-	-	-
	SCAB(S): LEFT HINDLEG	+	+	+	+	-	-	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB253F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB271F											
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-	-

APPENDIX MM - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23	DAY 25
JAB029F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB032F											
	ALOPECIA: RIGHT POSTERIOR MODERATE	+	-	-	-	-	-	-	-	-	-
	ALOPECIA: RIGHT LATERAL POSTERIOR DORSAL EXTREME	-	+	+	+	+	+	-	-	-	-
JAB276F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB279F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
JAB104F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB282F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB285F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB288F											
	DRY RED OCULAR DISCHARGE: LEFT MODERATE	+	+	+	+	+	+	-	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	-	-	-	-
	TEETH [illegible]	-	+	+	-	+	+	-	-	-	-
JAB035F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB291F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB107F											
	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	-	-	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS EXTREME	-	-	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB292F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB295F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB347F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB298F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB299F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-

APPENDIX MM - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23	DAY 25
JAB348F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB277F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB293F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
JAB037F											
	ALOPECIA: BOTH FOREPAWS MODERATE	-	+	-	-	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS EXTREME	+	-	+	+	+	+	-	-	-	-
JAB349F											
	ALOPECIA: RIGHT FORELEG SLIGHT	-	-	-	-	-	+	-	-	-	-
	ALOPECIA: VENTRAL CERVICAL SLIGHT	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB270F											
	ALOPECIA: RIGHT FOREPAW EXTREME	-	-	-	-	+	+	-	-	-	-
	ALOPECIA: LEFT FOREPAW MODERATE	-	-	-	-	+	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	+	+	-	-	-	-	-	-
JAB300F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB034F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB105F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB289F											
	NO OBSERVABLE ABNORMALITIES	+	+	-	-	-	-	-	-	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	-	+	+	-	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB297F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB106F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB281F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB290F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-

APPENDIX MM - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23	DAY 25
JAB302F											
	ALOPECIA: BOTH FORELEGS SLIGHT	-	+	+	+	+	+	-	-	-	-
	ALOPECIA: BOTH HINDLEGS SLIGHT	+	+	+	+	+	+	-	-	-	-
	ALOPECIA: VENTRAL CERVICAL SLIGHT	+	-	+	+	+	+	-	-	-	-
	ALOPECIA: VENTRAL SURFACE SLIGHT	-	+	+	+	+	+	-	-	-	-
JAB038F											
	MALOCCLUDED INCISORS	-	+	-	-	+	+	-	-	-	-
	BROKEN: RIGHT UPPER INCISOR	+	+	+	+	-	-	-	-	-	-
JAB110F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB305F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB113F											
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	-	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+	-	-	-	-
	ALOPECIA: LEFT HINDLEG SLIGHT	+	+	+	+	+	+	-	-	-	-
	ALOPECIA: BOTH HINDLEGS SLIGHT	-	-	-	-	+	-	-	-	-	-
	ALOPECIA: VENTRAL SURFACE SLIGHT	+	-	-	-	-	-	-	-	-	-
	ALOPECIA: VENTRAL SURFACE MODERATE	-	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB116F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB308F											
	DRY RED OCULAR DISCHARGE: LEFT SLIGHT	+	+	-	-	-	-	-	-	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+	-	-	-	-
	TEETH CUT	+	+	+	-	-	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	-	-	-	-	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	+	+	+	+	+	-	-	-	-
	ALOPECIA: VENTRAL CERVICAL SLIGHT	-	-	-	-	+	+	-	-	-	-
	ALOPECIA: VENTRAL SURFACE SLIGHT	-	-	-	-	-	+	-	-	-	-
JAB311F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB11[illegible]F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB314F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
JAB121F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-

APPENDIX MM - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23	DAY 25
JAB124F											
	DRY RED OCULAR DISCHARGE: RIGHT SLIGHT	+	+	+	+	+	+	-	-	-	-
JAB316F											
	ANIMAL DEAD	+	-	-	-	-	-	-	-	-	-
JAB127F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB130F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB319F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB322F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB320F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB114F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB306F											
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	+	+	-	-	-	-
JAB313F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB323F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB310F											
	DRY RED OCULAR DISCHARGE: LEFT SLIGHT	+	-	-	-	+	+	-	-	-	-
	DRY RED OCULAR DISCHARGE: LEFT MODERATE	-	+	+	+	-	-	-	-	-	-
	BROKEN: BOTH UPPER INCISORS	+	+	-	-	-	-	-	-	-	-
	TEETH CUT	-	+	-	-	+	+	-	-	-	-
JAB117F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	-	-	-	-	-
	DRY RED OCULAR DISCHARGE: BOTH SLIGHT	-	-	-	-	+	+	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	+	-	-	-	-	-
JAB040F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	+	-	-
JAB309F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB039F											
	MALOCCLUDED INCISORS	+	+	+	+	+	+	-	-	-	-
	BROKEN: LEFT UPPER INCISOR	+	-	-	-	+	-	-	-	-	-

APPENDIX MM - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME=	DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23	DAY 25
JAB039F	CONT.											
	BROKEN: BOTH UPPER INCISORS		-	+	+	+	-	+	-	-	-	-
	TEETH CUT		-	+	-	-	-	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT		+	+	+	+	-	+	-	-	-	-
	ALOPECIA: LEFT FORELEG SLIGHT		-	-	-	-	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT		-	+	+	+	-	-	-	-	-	-
JAB317F												
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-	-
JAB120F												
	NO OBSERVABLE ABNORMALITIES		+	+	+	+	+	+	-	-	-	-
JAB112F												
	EAR(S): SWOLLEN SLIGHT		+	-	-	-	-	-	-	-	-	-
	EAR(S): SWOLLEN MODERATE		-	+	+	+	+	+	-	-	-	-
	EAR(S): RED SLIGHT		+	-	-	-	-	-	-	-	-	-
	EAR(S): RED MODERATE		-	+	+	+	+	+	-	-	-	-
	ALOPECIA: RIGHT HINDLEG SLIGHT		-	-	-	-	+	-	-	-	-	-
	DELIVERY IN PROGRESS		-	-	-	-	-	-	-	+	-	-

APPENDIX MM - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23	DAY 25
JAB325F											
	ALOPECIA: LEFT FOREPAW SLIGHT	+	+	+	+	+	+	-	-	-	-
JAB133F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
	RED EXUDATE: VAGINA	-	-	-	-	-	-	-	-	-	+
	DELIVERY IN PROGRESS	-	-	-	-	-	-	-	-	-	+
JAB327F											
	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	+	+	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	+	+	+	+	+	+	-	-	-	-
	ALOPECIA: BOTH HINDLEGS MODERATE	-	-	-	-	+	+	-	-	-	-
	ALOPECIA: VENTRAL ABDOMEN SLIGHT	+	+	+	+	+	+	-	-	-	-
JAB041F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	-	-	-	-	-
	URINE STAINING SLIGHT	-	-	-	-	-	+	-	-	-	-
	ANO-GENITAL STAINING SLIGHT	-	-	-	-	+	-	-	-	-	-
JAB331F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
JAB135F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB136F											
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	-	-	-	-	-
	URINE STAINING MODERATE	-	+	+	+	+	+	-	-	-	-
JAB334F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
JAB045F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB335F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
JAB050F											
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	-	-	-	-	-
	EMACIATED SLIGHT	-	+	-	-	-	+	-	-	-	-
	MALOCCLUDED INCISORS	-	+	+	+	+	+	-	-	-	-
	TEETH CUT	-	-	-	-	+	-	-	-	-	-
JAB336F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB339F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB329F											
	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	+	+	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	-	+	+	+	+	+	-	-	-	-

APPENDIX MM - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23	DAY 25
JAB330F											
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	-	-	-	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	+	+	+	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	-	-	-	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	-	-	+	+	+	-	-	-	-	-
	KINK IN TAIL	-	-	-	-	-	+	-	-	-	-
JAB343F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
JAB046F											
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+	-	-	-	-
	ALOPECIA: VENTRAL SURFACE SLIGHT	+	+	+	+	+	+	-	-	-	-
JAB138F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB043F											
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB332F											
	NO OBSERVABLE ABNORMALITIES	+	+	-	+	-	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	+	-	+	+	-	-	-	-
JAB337F											
	NO OBSERVABLE ABNORMALITIES	+	-	-	-	+	-	-	-	-	-
	MALOCCLUDED INCISORS	-	+	+	+	-	+	-	-	-	-
	DELIVERY IN [illegible]	-	-	-	-	-	-	+	-	-	-
JAB140F											
	NO OBSERVABLE [illegible]ALITIES	-	+	+	+	+	+	-	-	-	-
	URINE STAINING [illegible]	+	-	-	-	-	-	-	-	-	-
JAB328F											
	DRY RED OCULAR DISCHARGE: RIGHT SLIGHT	-	-	+	-	-	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	+	+	+	+	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS EXTREME	+	-	-	-	-	-	-	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	+	+	+	+	+	+	-	-	-	-
	ALOPECIA: VENTRAL SURFACE SLIGHT	-	+	+	+	+	+	-	-	-	-
JAB042F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
JAB047F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
JAB134F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
JAB048F											
	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-

APPENDIX MM - INDIVIDUAL GESTATION OBSERVATIONS - P2/F2B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 6	DAY 9	DAY 12	DAY 16	DAY 20	DAY 21	DAY 22	DAY 23	DAY 25
JAB341F	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-
JAB333F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+	-	-	-	-
JAB338F	MATING NOT CONFIRMED: NO OBSERVATIONS	+	+	+	+	+	+	-	-	-	-

DRAFT
NOT SUBMITTED TO
[illegible]

APPENDIX NN - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB245F							
	EAR(S): SWOLLEN SLIGHT	+	+	-	-	-	-
JAB248F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB026F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB251F							
	NO OBSERVABLE ABNORMALITIES	-	+	+	+	+	+
	RED EXUDATE: VAGINA	+	-	-	-	-	-
JAB095F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB097F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB254F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	-	-	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	+	+	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	-	+	+	+
	ALOPECIA: BOTH FORELEGS MODERATE	-	-	+	-	-	-
JAB100F							
	ALOPECIA: RIGHT FOREPAW MODERATE	+	-	-	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	+	+	-	+	+
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	+	-	-
JAB257F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	-	-	+	+	+
	ALOPECIA: BOTH FOREPAWS MODERATE	-	+	+	-	-	-
JAB260F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB263F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB266F							
	NO OBSERVABLE ABNORMALITIES	-	-	-	+	+	+
	BROKEN: LEFT UPPER INCISOR	+	+	+	-	-	-
JAB269F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB101F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB270F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB273F							
	ALOPECIA: RIGHT FOREPAW SLIGHT	+	+	-	-	-	-
	ALOPECIA: RIGHT FOREPAW MODERATE	-	-	+	+	+	-

APPENDIX NN - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB273F	CONT.						
	ALOPECIA: LEFT FOREPAW MODERATE	-	-	-	-	+	-
	ALOPECIA: LEFT FOREPAW EXTREME	+	+	+	+	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	-	-	+
JAB252F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB028F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB275F							
	DRY RED OCULAR DISCHARGE: RIGHT SLIGHT	-	+	+	-	-	-
	DRY RED OCULAR DISCHARGE: RIGHT MODERATE	+	-	-	-	+	-
	WHITE OCULAR DISCHARGE: RIGHT MODERATE	-	-	-	+	-	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+
	BROKEN: RIGHT UPPER INCISOR	+	+	+	+	+	+
	ALOPECIA: RIGHT FORELEG SLIGHT	-	+	-	+	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	+	-	+	+
	ALOPECIA: BOTH HINDLEGS SLIGHT	-	-	-	-	+	+
JAB255F							
	ALOPECIA: LEFT FOREPAW SLIGHT	-	-	-	+	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	-	+	+
JAB264F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB267F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB262F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB102F							
	MALOCCLUDED INCISORS	+	+	+	+	+	+
	TEETH CUT	-	-	+	-	+	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	-	-	-
JAB246F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB256F							
	NO OBSERVABLE ABNORMALITIES	+	+	-	-	+	+
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	+	+	-	-
JAB098F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB249F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	-	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	-	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	-	-	-	-	+	+
	ALOPECIA: LEFT HINDLEG SLIGHT	+	+	+	+	-	-

APPENDIX NN - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 0MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB249F	CONT.						
	ALOPECIA: LEFT HINDLEG MODERATE	-	-	-	-	+	+
	ALOPECIA: VENTRAL CERVICAL SLIGHT	+	+	+	+	-	-
	ALOPECIA: VENTRAL CERVICAL MODERATE	-	-	-	-	+	+
	ALOPECIA: VENTRAL SURFACE SLIGHT	+	+	+	+	-	-
	ALOPECIA: VENTRAL SURFACE MODERATE	-	-	-	-	+	+
	SCAB(S): BOTH FORELEGS	-	-	-	+	+	+
	SCAB(S): BOTH FOREPAWS	-	-	-	+	+	+
	SCAB(S): LEFT HINDLEG	-	-	-	+	+	+
	SCAB(S): VENTRAL CERVICAL	-	-	-	+	+	+
	SCAB(S): VENTRAL SURFACE	-	-	-	+	+	+
JAB253F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB271F							
	ANIMAL DEAD	+	-	-	-	-	-

APPENDIX NN - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB029F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB032F	ALOPECIA: RIGHT LATERAL POSTERIOR D EXTREME	+	+	+	+	+	+
JAB276F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB279F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB104F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB282F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB285F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB288F	DRY RED OCULAR DISCHARGE: RIGHT MODERATE	-	-	+	-	-	-
	DRY RED OCULAR DISCHARGE: LEFT SLIGHT	-	-	-	-	-	+
	DRY RED OCULAR DISCHARGE: LEFT MODERATE	+	+	-	+	+	-
	MALOCCLUDED INCISORS	+	+	+	+	+	+
	TEETH CUT	+	+	-	-	-	+
JAB035F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB291F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB107F	ALOPECIA: BOTH FOREPAWS MODERATE	-	+	+	+	-	-
	ALOPECIA: BOTH FOREPAWS EXTREME	+	-	-	-	+	+
JAB292F	NO OBSERVABLE ABNORMALITIES	+	-	+	+	+	+
	NO OBSERVATION DUE TO TECHNICIAN ER	-	+	-	-	-	-
JAB295F	NO OBSERVABLE ABNORMALITIES	+	-	-	+	+	+
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	+	+	-	-	-
JAB347F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB298F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB299F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-

APPENDIX NN - INDIVIDUAL LACTATION OBSERVATIONS - P2/Y2B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 50MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB348F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB277F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB293F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB037F	ALOPECIA: BOTH FOREPAWS EXTREME	+	+	+	+	+	+
JAB349F	ALOPECIA: RIGHT FORELEG SLIGHT	+	+	+	+	+	+
	ALOPECIA: VENTRAL CERVICAL SLIGHT	+	+	+	+	+	+
JAB278F	ALOPECIA: RIGHT FOREPAW MODERATE	-	-	-	-	-	+
	ALOPECIA: LEFT FOREPAW SLIGHT	-	-	-	-	-	+
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	+	+	+	-
	ALOPECIA: BOTH FOREPAWS EXTREME	+	+	-	-	-	-
JAB300F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB034F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB105F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB289F	MALOCCLUDED INCISORS	-	-	+	+	+	+
	BROKEN: RIGHT UPPER INCISOR	-	+	+	+	+	-
	TEETH CUT	-	+	+	+	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+
JAB297F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB106F	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB281F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB290F	NO OBSERVABLE ABNORMALITIES	+	-	-	-	-	-
	MALOCCLUDED INCISORS	-	-	-	-	+	+
	BROKEN: LEFT UPPER INCISOR	-	+	+	+	+	+

APPENDIX NN - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB302F							
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+
	ALOPECIA: BOTH HINDLEGS SLIGHT	+	+	+	+	+	+
	ALOPECIA: VENTRAL CERVICAL SLIGHT	+	+	+	+	+	+
	ALOPECIA: VENTRAL SURFACE SLIGHT	+	+	+	+	+	+
JAB038F							
	MALOCCLUDED INCISORS	+	+	+	+	+	+
	ALOPECIA: RIGHT FORELEG SLIGHT	-	-	-	+	+	+
JAB110F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB305F							
	ALOPECIA: VENTRAL CERVICAL SLIGHT	+	+	+	+	+	+
JAB113F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	+	+	+	-
	ALOPECIA: BOTH FOREPAWS MODERATE	-	-	-	-	-	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	-
	ALOPECIA: BOTH FORELEGS MODERATE	-	-	-	-	-	+
	ALOPECIA: LEFT HINDLEG SLIGHT	+	+	+	+	+	-
	ALOPECIA: LEFT HINDLEG MODERATE	-	-	-	-	-	+
	ALOPECIA: VENTRAL SURFACE SLIGHT	-	-	-	-	+	-
	ALOPECIA: VENTRAL SURFACE MODERATE	+	+	+	+	-	+
JAB116F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	-	+
	NO OBSERVATION DUE TO TECHNICIAN ER	-	-	-	-	+	-
JAB308F							
	MISSING: LEFT UPPER INCISOR	-	-	-	+	+	+
	MALOCCLUDED INCISORS	+	+	+	+	+	+
	TEETH CUT	-	-	+	-	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	+	+
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	+	+	+
	ALOPECIA: VENTRAL CERVICAL SLIGHT	+	+	+	+	+	+
	ALOPECIA: VENTRAL SURFACE SLIGHT	+	+	+	+	+	+
JAB311F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB118F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB314F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB121F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+

APPENDIX NN - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB124F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB316F							
	ANIMAL DEAD	+	-	-	-	-	-
JAB127F							
	NO OBSERVABLE ABNORMALITIES	+	+	-	-	-	+
	ALOPECIA: RIGHT FOREPAW SLIGHT	-	-	+	+	-	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	-	-	-	-	+	-
JAB130F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB319F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB322F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB320F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB114F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB306F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB313F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB323F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB310F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB117F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB040F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB309F							
	NO OBSERVABLE ABNORMALITIES	+	+	+	+	+	+
JAB039F							
	DRY RED OCULAR DISCHARGE: LEFT SLIGHT	-	-	-	-	-	+
	MALOCCLUDED INCISORS	+	+	+	+	+	+
	BROKEN: BOTH UPPER INCISORS	+	+	+	+	+	+
	TEETH CUT	-	-	+	-	+	-
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	+	+	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	+	-	-	-

APPENDIX NN - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 160MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB317F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB120F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB112F							
	EAR(S): SWOLLEN SLIGHT	-	-	-	-	+	+
	EAR(S): SWOLLEN MODERATE	+	+	+	+	-	-
	ALOPECIA: RIGHT FORELEG SLIGHT	-	+	+	+	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	-	-	-	-	-	+

APPENDIX NN - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2B
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500MG/KG

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB325F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB133F							
	NO PUPS PRESENT: NO OBSERVATIONS	+	+	+	+	+	+
JAB327F							
	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	+	+	-	-	-	-
	ALOPECIA: BOTH HINDLEGS SLIGHT	-	+	-	-	-	-
	ALOPECIA: BOTH HINDLEGS MODERATE	+	-	-	-	-	-
	ALOPECIA: VENTRAL ABDOMEN SLIGHT	-	+	-	-	-	-
	ALOPECIA: VENTRAL ABDOMEN MODERATE	+	-	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB041F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB331F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB135F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB136F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB334F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JABC45F							
	NO OBSERVABLE ABNORMALITIES	-	+	+	+	+	+
	NO OBSERVATION DUE TO TECHNICIAN ER	+	-	-	-	-	-
JAB335F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB050F							
	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB336F							
	NO OBSERVABLE ABNORMALITIES	+	+	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB339F							
	NO OBSERVABLE ABNORMALITIES	+	+	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB329F							
	ALOPECIA: BOTH FOREPAWS EXTREME	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS EXTREME	+	+	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB330F							
	ALOPECIA: BOTH FOREPAWS SLIGHT	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS SLIGHT	+	+	-	-	-	-
	KINK IN TAIL	+	+	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+

APPENDIX NN - INDIVIDUAL LACTATION OBSERVATIONS - P2/F2B CONT.
(SEE KEY A - KEY TO INLIFE OBSERVATIONS)
DOSE GROUP: 500MG/KG CONT.

ANIMAL NUMBER	OBSERVATION	TIME= DAY 0	DAY 1	DAY 4	DAY 7	DAY 14	DAY 21
JAB343F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB046F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB138F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB043F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB332F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB337F	MALOCCLUDED INCISORS	+	+	-	-	-	-
	BROKEN: RIGHT UPPER INCISOR	+	+	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB140F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB328F	ALOPECIA: BOTH FOREPAWS MODERATE	+	+	-	-	-	-
	ALOPECIA: BOTH FORELEGS MODERATE	+	+	-	-	-	-
	ALOPECIA: VENTRAL SURFACE SLIGHT	+	+	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB042F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB047F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB134F	NO OBSERVABLE ABNORMALITIES	+	+	-	-	-	-
	NO PUPS PRESENT: NO OBSERVATIONS	-	-	+	+	+	+
JAB048F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB341F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB333F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-
JAB338F	ANIMAL DID NOT DELIVER	+	-	-	-	-	-

APPENDIX OO - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 MALES
(GRAMS)
DOSE: 0MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
JAB141M	171.2	177.5	234.9	297.9	361.9	406.0	449.9	484.1	504.1	532.1	558.8	576.6	581.0
JAB144M	161.8	168.9	229.8	299.3	358.5	407.0	455.4	489.4	500.9	535.8	554.2	571.6	571.0
JAB001M	171.8	177.5	235.9	302.1	347.9	392.0	435.8	465.1	488.5	512.9	534.3	555.2	529.1
JAB147M	208.9	213.5	273.0	342.6	406.3	452.0	499.4	531.4	558.2	586.7	612.0	642.8	633.3
JAB051M	183.4	190.9	177.4	245.6	287.9	326.8	360.5	386.9	400.2	416.6	441.9	458.5	451.7
JAB052M	214.7	217.4	280.7	350.4	401.3	444.0	478.1	509.3	528.9	518.7	555.8	584.5	580.0
JAB149M	191.9	197.0	250.1	308.3	358.7	397.4	441.8	468.3	494.8	512.5	542.4	561.0	565.7
JAB055M	191.4	194.9	251.0	309.1	363.6	402.3	437.0	465.4	480.0	509.1	530.9	548.5	558.5
JAB152M	94.2	100.0	155.2	220.2	275.5	324.8	374.1	404.1	435.3	463.4	485.7	512.1	522.9
JAB155M	204.0	209.6	276.8	349.8	412.2	445.2	498.4	541.3	571.6	606.6	639.3	679.6	684.3
JAB158M	164.9	172.6	230.6	294.5	342.6	387.6	425.7	453.5	479.7	505.1	527.7	541.5	532.0
JAB161M	161.5	166.5	226.1	288.8	339.5	383.9	422.9	458.3	483.3	504.2	520.1	540.2	542.9
JAB164M	178.0	187.4	248.3	316.7	376.5	429.3	470.5	499.5	527.2	552.6	574.0	591.2	593.6
JAB058M	205.8	207.1	272.0	340.7	396.0	436.0	488.8	517.1	537.7	565.6	595.7	609.7	612.4
JAB167M	206.2	211.2	275.4	352.4	417.6	469.7	516.7	550.0	575.0	602.0	624.1	646.5	661.5
JAB170M	171.6	176.5	239.5	310.3	367.4	421.5	469.7	499.6	533.0	560.1	583.6	604.9	600.1
JAB162M	177.8	179.5	241.7	305.8	359.4	402.9	439.9	466.6	491.7	513.7	529.9	550.6	549.7
JAB002M	209.7	217.9	280.1	353.1	417.8	469.7	522.3	549.2	588.1	617.0	645.1	665.7	671.1
JAB059M	220.0	222.9	284.4	351.2	406.4	449.8	484.8	520.4	543.3	566.9	584.3	598.7	594.7
JAB146M	174.4	179.3	242.9	314.8	371.9	380.0	427.2	461.4	488.0	509.4	524.5	548.1	546.9
JAB143M	163.4	168.8	231.1	295.3	352.9	388.3	436.2	468.6	499.8	522.2	547.2	571.5	572.2
JAB172M	173.1	178.4	235.2	303.3	362.9	410.1	457.1	488.5	514.8	541.7	576.2	585.4	580.4
JAB156M	198.9	204.4	262.2	333.7	385.3	429.8	473.9	505.2	535.4	553.5	575.7	595.4	592.8
JAB053M	205.2	211.6	265.8	323.6	374.7	409.0	451.6	484.0	518.3	536.7	566.4	588.5	598.4
JAB168M	198.8	204.8	268.3	337.0	396.6	438.3	483.6	506.1	538.7	563.8	592.2	609.8	621.5
JAB160M	159.1	163.3	208.0	265.5	314.4	345.9	378.8	406.7	439.2	462.1	477.2	502.2	497.4
JAB145M	153.1	159.4	217.7	293.9	361.3	415.3	464.8	500.6	531.8	563.4	583.2	608.2	607.7
JAB166M	172.3	179.9	237.5	307.5	361.5	408.2	451.6	481.5	501.0	524.0	520.5	535.1	544.4
JAB060M	212.1	214.4	269.6	339.3	395.6	440.3	483.4	518.7	541.8	551.5	594.3	589.4	588.3
JAB154M	107.6	114.3	172.8	241.4	304.9	367.8	417.3	451.2	480.1	503.0	519.8	539.6	535.7
MEAN	180.2	185.6	242.5	309.8	366.0	409.4	453.2	484.4	510.3	533.8	557.2	577.1	577.4
STD.DEV.	29.0	28.4	32.5	34.0	36.2	36.9	39.0	40.1	41.7	43.5	46.4	47.6	49.9
N	30	30	30	30	30	30	30	30	30	30	30	30	30

APPENDIX OO - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 MALES (CON'T)
(GRAMS)
DOSE: 0MG/KG (CON'T)

TIME=	84 DAYS	91 DAYS	98 DAYS	105 DAYS	112 DAYS	119 DAYS	126 DAYS	133 DAYS	140 DAYS	147 DAYS	154 DAYS	161 DAYS	168 DAYS
JAB141M	606.9	570.4	579.2	599.5	628.1	652.5	667.1	673.8	680.5	692.6	705.7	700.5	709.7
JAB144M	578.2	592.0	610.0	620.4	641.1	659.2	679.2	682.6	689.0	695.2	712.5	699.2	721.1
JAB001M	543.8	575.3	589.2	606.8	611.3	620.5	634.0	636.0	640.5	647.1	649.5	639.1	658.8
JAB147M	660.6	684.4	701.4	712.5	732.5	757.6	777.8	778.6	779.7	796.2	818.2	807.9	827.1
JAB051M	465.9	470.4	490.7	482.1	506.0	509.9	530.1	549.4	538.4	544.1	555.6	556.8	568.5
JAB052M	600.7	628.6	640.8	630.5	640.8	654.5	679.3	687.1	701.7	706.0	710.7	707.0	694.2
JAB149M	560.8	572.6	570.3	598.3	622.6	638.7	654.8	663.2	681.3	687.5	697.8	687.0	701.0
JAB055M	567.1	585.2	595.1	599.1	604.3	607.3	613.7	630.6	635.0	639.6	647.0	646.3	664.3
JAB152M	531.2	544.2	559.0	566.4	571.5	583.6	595.5	600.4	604.9	612.0	621.7	608.5	621.9
JAB155M	704.5	712.2	736.7	739.5	752.5	764.8	779.9	799.3	800.1	795.8	798.4	799.0	803.5
JAB158M	553.8	574.2	598.2	601.9	622.8	635.5	651.7	660.7	661.2	668.6	678.0	666.6	678.2
JAB161M	546.3	546.1	562.7	582.5	603.2	616.4	620.6	628.4	631.9	642.5	652.3	647.0	650.4
JAB164M	604.3	620.9	636.8	649.5	670.1	681.3	695.6	706.8	711.9	716.9	720.0	708.0	713.3
JAB058M	638.5	656.4	667.9	679.1	698.4	704.6	719.7	727.2	725.9	732.1	739.7	739.7	722.1
JAB167M	686.8	703.8	728.6	744.0	767.6	786.8	787.4	802.4	820.5	811.1	819.9	822.5	817.9
JAB170M	626.2	637.8	641.8	641.4	674.4	691.4	697.7	705.2	714.8	709.9	716.1	701.0	713.0
JAB162M	565.6	585.4	599.5	601.9	614.9	640.4	648.6	651.0	653.6	662.3	671.4	657.0	674.8
JAB002M	659.9	679.1	695.4	687.4	711.1	726.6	730.8	743.2	749.8	757.4	752.8	745.4	756.7
JAB059M	609.5	618.3	623.1	629.5	635.7	652.5	672.1	676.6	676.0	680.0	686.2	685.3	699.1
JAB146M	564.9	570.1	585.2	600.2	607.0	617.4	634.4	640.8	649.4	626.3	643.2	621.6	649.2
JAB143M	595.4	606.4	618.9	638.0	651.2	663.8	677.8	678.8	679.7	684.2	695.8	685.5	705.8
JAB172M	599.6	615.2	622.8	626.7	642.2	647.2	662.1	672.8	673.1	672.8	678.1	695.1	690.0
JAB156M	596.2	613.0	627.4	643.0	658.8	671.3	683.2	692.8	697.9	703.6	708.6	697.4	695.3
JAB053M	608.7	614.7	638.1	654.5	677.2	695.9	709.7	718.1	724.0	739.3	746.5	738.9	738.7
JAB168M	646.3	659.3	672.3	686.4	698.9	709.2	728.3	730.3	741.9	746.6	758.7	749.6	725.0
JAB160M	516.5	515.4	529.9	534.6	546.6	561.8	577.2	583.1	587.6	571.3	578.1	570.4	560.5
JAB145M	631.9	639.9	655.0	670.3	692.1	698.2	718.5	723.9	729.4	731.0	741.4	730.1	752.4
JAB166M	559.9	568.1	574.4	587.4	602.9	622.8	640.4	641.7	651.2	642.4	654.9	629.2	656.8
JAB060M	605.9	629.4	649.6	651.6	667.8	676.4	680.3	688.8	690.8	718.1	719.4	703.5	720.6
JAB154M	548.8	556.8	569.5	578.9	603.2	610.3	620.7	628.0	627.2	627.3	642.4	631.3	630.1
MEAN	592.8	604.9	619.0	628.1	645.2	658.6	672.3	680.1	685.0	688.7	697.4	689.2	697.3
STD.DEV.	51.7	54.5	56.0	56.2	57.6	59.2	58.4	58.7	60.9	62.5	61.9	63.3	61.4
N	30	30	30	30	30	30	30	30	30	30	30	30	30

APPENDIX OO - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 MALES (CON'T)
(GRAMS)
DOSE: 0MG/KG (CON'T)

TIME=	1 7 5 DAYS	1 8 2 DAYS	1 8 9 DAYS	1 9 6 DAYS	2 0 3 DAYS	2 1 0 DAYS
JAB141M	712.2	722.1	722.4	733.5	737.2	X$
JAB144M	725.3	736.8	741.0	750.4	766.0	X$
JAB001M	662.5	667.1	677.5	681.3	700.0	X$
JAB147M	828.6	843.7	845.9	852.0	867.2	X$
JAB051M	566.8	563.4	555.3	563.4	571.9	X$
JAB052M	725.7	729.4	734.6	749.5	757.3	X$
JAB149M	716.6	717.0	708.5	719.6	737.1	X$
JAB055M	659.7	658.8	660.4	668.7	669.2	X$
JAB152M	627.3	634.6	638.1	635.6	649.8	X$
JAB155M	793.9	805.4	825.9	846.5	864.8	X$
JAB158M	688.6	699.9	709.4	722.6	734.5	X$
JAB161M	650.4	661.2	670.4	673.0	685.9	X$
JAB164M	731.4	744.6	750.4	762.7	782.7	X$
JAB058M	739.1	752.1	758.6	773.0	788.2	X$
JAB167M	814.9	810.3	814.9	842.3	865.6	X$
JAB170M	714.7	726.0	728.9	734.8	740.7	X$
JAB162M	678.3	691.4	691.5	695.4	706.2	X$
JAB002M	761.1	770.6	776.5	767.3	784.3	X$
JAB059M	695.4	691.6	667.8	701.9	725.4	X$
JAB146M	656.3	668.2	666.9	641.8	634.4	X$
JAB143M	706.2	718.7	717.5	730.1	734.0	753.9
JAB172M	699.9	697.3	697.8	709.5	720.5	732.9
JAB156M	698.1	707.1	717.9	731.5	742.8	755.1
JAB053M	712.5	728.9	747.7	759.3	789.1	797.8
JAB168M	749.1	761.4	764.7	783.9	782.8	801.6
JAB160M	584.6	596.0	600.7	617.9	612.1	624.6
JAB145M	755.0	767.5	783.2	789.0	808.2	817.3
JAB166M	657.1	662.0	663.5	643.5	663.6	686.9
JAB060M	721.7	717.2	664.7	720.8	735.3	746.2
JAB154M	638.1	650.3	653.3	662.5	661.7	677.1
MEAN	702.8	710.0	711.9	722.1	734.0	739.1
STD.DEV.	59.2	60.8	64.6	67.6	71.8	61.1
N	30	30	30	30	30	10

APPENDIX OO - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 MALES (CON'T)
(GRAMS)
DOSE: 50MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
JAB004M	166.3	170.0	224.4	286.2	337.2	376.6	413.8	439.7	460.1	482.5	499.3	516.6	520.7
JAB007M	206.3	209.7	269.0	334.4	392.9	441.4	482.3	514.1	537.2	564.4	587.5	603.5	609.9
JAB173M	190.1	195.7	258.8	325.9	391.5	437.7	483.0	512.2	537.7	572.3	597.2	617.5	614.8
JAB176M	180.5	185.0	243.3	306.0	353.2	394.1	434.5	467.7	498.5	521.6	539.0	559.2	562.5
JAB061M	206.3	213.3	273.2	335.2	385.1	429.2	482.5	515.3	539.8	574.1	597.7	611.7	609.4
JAB179M	190.0	195.8	252.1	318.8	356.9	380.3	X$						
JAB182M	117.8	125.2	179.5	242.8	298.2	343.4	382.9	415.8	434.4	461.5	477.0	502.2	504.4
JAB185M	202.3	204.2	267.6	340.9	394.5	428.4	459.6	484.1	507.8	485.1	482.5	517.0	504.4
JAB010M	177.1	185.3	240.6	304.3	350.9	390.6	425.9	449.2	472.4	490.4	506.8	528.1	533.1
JAB188M	168.8	174.4	239.6	319.0	374.4	422.8	461.2	492.1	522.8	549.7	571.0	591.2	599.5
JAB064M	200.3	222.8	290.7	357.0	402.2	443.6	475.9	492.5	517.3	539.6	557.0	557.6	554.1
JAB191M	218.0	223.7	293.2	365.0	427.7	471.5	514.9	535.0	551.4	592.4	624.6	648.0	652.3
JAB194M	162.3	167.0	231.3	301.4	365.5	416.4	455.2	479.8	512.7	536.9	561.7	576.6	578.7
JAB344M	100.7	105.8	161.3	220.7	277.0	328.2	382.4	405.3	439.6	463.0	480.9	495.8	512.6
JAB197M	167.3	172.7	221.0	279.3	328.8	364.4	397.9	429.4	455.5	480.8	496.9	514.1	520.7
JAB199M	138.0	143.6	203.5	270.5	334.6	385.4	422.7	453.3	478.3	510.8	531.1	558.0	565.8
JAB201M	160.7	165.3	228.2	296.7	348.6	394.7	443.5	475.4	497.5	535.1	557.0	582.8	576.2
JAB189M	170.0	175.4	239.0	310.2	381.4	430.7	468.7	501.6	537.0	567.5	595.1	628.3	629.9
JAB200M	154.3	161.1	216.0	276.6	332.8	371.8	411.4	443.2	468.8	492.2	515.2	530.2	530.8
JAB174M	193.7	197.5	257.6	329.0	390.1	439.8	482.8	517.5	544.9	574.0	596.8	622.0	620.0
JAB184M	128.6	136.0	199.9	270.9	336.9	380.5	427.0	455.2	491.2	521.5	547.8	570.6	568.5
JAB196M	156.4	166.5	227.3	299.5	363.7	409.4	461.3	490.6	518.3	541.5	560.9	584.6	581.3
JAB008M	204.9	213.0	272.7	337.0	391.6	434.7	472.2	496.9	525.8	551.8	573.7	592.0	592.9
JAB175M	179.1	188.0	246.1	308.1	362.6	403.7	440.5	463.6	495.0	512.5	531.7	556.5	553.0
JAB009M	189.0	199.8	252.6	310.9	372.2	416.5	455.8	481.1	507.9	533.0	560.2	584.1	588.7
JAB198M	178.0	184.5	234.3	293.6	347.0	389.7	427.0	450.8	482.9	508.3	514.8	537.0	553.5
JAB187M	206.7	212.5	278.7	347.0	403.4	450.5	484.2	508.1	529.0	548.2	566.7	580.7	591.0
JAB177M	175.8	184.4	241.4	302.2	349.4	387.7	430.5	455.9	479.3	504.7	518.5	538.7	551.4
JAB193M	202.5	205.9	263.1	333.4	393.0	435.6	482.1	516.7	533.7	566.5	585.3	610.8	618.0
JAB181M	171.7	177.3	235.3	304.9	362.3	411.9	460.4	488.4	529.0	558.3	582.5	609.6	613.5
MEAN	175.5	182.0	241.4	307.8	363.5	407.0	449.0	476.9	503.6	529.0	548.8	569.8	572.8
STD.DEV.	27.9	28.3	30.3	32.0	32.3	33.0	33.0	32.9	32.5	36.1	40.5	41.0	40.2
N	30	30	30	30	30	30	29	29	29	29	29	29	29

APPENDIX OO - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 MALES (CON'T)
(GRAMS)
DOSE: 50MG/KG (CON'T)

TIME=	84 DAYS	91 DAYS	98 DAYS	105 DAYS	112 DAYS	119 DAYS	126 DAYS	133 DAYS	140 DAYS	147 DAYS	154 DAYS	161 DAYS	168 DAYS
JAB004M	540.7	553.4	570.1	573.7	584.0	595.8	612.2	619.1	618.1	625.3	628.9	623.0	625.0
JAB007M	623.2	641.2	657.0	672.9	681.9	692.0	701.8	701.8	703.4	704.0	716.5	716.1	711.7
JAB173M	634.5	648.1	669.5	669.5	695.0	711.6	723.1	731.8	736.8	744.9	753.6	749.1	762.6
JAB176M	578.5	586.8	595.1	605.0	617.6	626.6	642.4	646.4	650.9	653.7	659.8	661.1	678.5
JAB061M	637.1	649.6	668.7	677.3	691.3	707.4	722.7	732.2	731.5	736.0	745.9	743.3	745.6
JAB179M													
JAB182M	543.7	551.3	564.3	571.0	586.6	601.8	617.9	629.4	631.7	638.7	635.9	633.2	653.9
JAB185M	529.1	552.2	561.5	563.3	583.2	583.1	597.1	598.5	597.6	552.5	565.8	563.5	568.0
JAB010M	545.2	559.5	562.6	583.0	599.2	610.6	619.1	623.0	631.8	632.0	600.2	633.7	651.4
JAB188M	626.8	641.1	653.2	669.4	683.3	692.9	711.3	724.4	725.5	736.4	754.7	731.5	725.5
JAB064M	564.2	575.7	598.3	603.4	620.4	635.5	653.8	648.6	650.0	665.1	672.8	670.4	685.0
JAB191M	653.3	667.5	690.4	704.9	726.7	741.5	761.8	771.0	776.6	784.8	793.7	783.0	815.7
JAB194M	603.7	622.4	634.1	635.9	655.3	673.6	693.3	706.3	711.7	706.8	721.2	698.0	682.9
JAB344M	530.9	550.7	550.3	572.7	567.9	545.1	606.6	614.4	613.7	621.1	634.0	626.6	637.9
JAB197M	538.6	555.5	572.1	579.8	591.3	600.5	619.3	630.4	634.3	639.7	648.1	639.4	655.6
JAB199M	586.8	599.8	614.0	618.1	627.2	641.3	661.1	666.1	669.2	675.6	690.4	675.3	695.2
JAB201M	591.1	606.4	620.3	619.7	646.3	653.0	674.2	684.9	700.4	702.4	712.4	709.7	683.9
JAB189M	653.1	653.3	681.4	695.8	716.9	738.7	749.9	760.7	777.3	780.9	787.7	792.8	806.6
JAB200M	547.9	565.7	581.1	590.7	612.5	621.1	643.6	648.8	652.9	657.2	670.7	674.9	687.9
JAB174M	650.1	656.4	668.1	673.4	695.6	706.1	730.1	737.8	728.7	719.2	735.8	739.3	751.6
JAB184M	599.3	617.4	589.2	633.8	650.8	659.5	682.4	683.5	689.2	703.3	713.8	705.3	711.3
JAB196M	614.2	633.9	637.6	649.8	667.0	682.4	704.3	709.3	710.2	722.7	740.2	724.3	734.0
JAB008M	603.8	596.5	626.9	642.5	665.8	673.0	690.7	700.8	696.4	702.7	703.8	709.7	716.2
JAB175M	567.3	572.3	583.5	601.1	617.2	625.2	639.3	640.0	643.6	651.1	661.3	651.0	671.4
JAB009M	607.5	620.8	636.8	642.9	659.5	674.3	684.6	692.0	698.8	709.6	708.2	693.5	703.1
JAB198M	568.7	583.5	602.5	609.3	624.2	637.7	645.5	659.1	662.9	671.3	679.8	683.8	688.8
JAB187M	606.3	614.0	617.1	626.9	646.0	649.5	658.0	666.6	682.8	687.9	694.3	689.7	703.5
JAB177M	571.4	586.4	598.1	610.3	621.9	633.5	647.3	647.1	653.5	660.7	667.1	663.0	659.5
JAB193M	627.0	650.6	661.0	671.3	689.5	710.3	735.6	745.9	753.5	760.3	767.3	770.2	768.1
JAB181M	638.8	654.0	673.9	672.3	702.7	707.4	727.4	732.3	741.2	747.6	741.3	742.8	747.6
MEAN	592.5	605.7	618.6	629.0	645.8	656.2	674.4	681.1	685.3	689.4	696.7	693.0	701.0
STD.DEV.	39.5	38.7	41.8	41.0	44.2	48.6	46.6	48.1	49.2	52.9	55.1	53.1	53.5
N	23	29	29	29	29	29	29	29	29	29	29	29	29

APPENDIX OO - INDIVIDUAL WEEKLY BODY WEIGHTS - F2 MALES (CON'T)
(GRAMS)
DOSE: 50MG/KG (CON'T)

TIME=	1 7 5 DAYS	1 9 2 DAYS	1 8 9 DAYS	1 9 6 DAYS	2 0 3 DAYS	2 1 0 DAYS
JAB004M	629.0	635.7	639.6	642.2	652.7	X$
JAB007M	702.0	705.8	720.3	724.8	743.[illegible]	X$
JAB173M	763.0	756.0	761.7	768.5	784.2	X$
JAB176M	681.8	692.0	699.0	711.1	715.6	X$
JAB061M	750.3	754.0	743.7	747.8	770.0	X$
JAB179M						
JAB182M	665.1	656.8	649.6	662.2	680.7	X$
JAB185M	585.2	571.0	570.6	566.3	567.8	X$
JAB010M	654.3	662.0	667.1	677.0	685.5	X$
JAB188M	729.0	744.0	750.5	773.0	797.2	X$
JAB064M	689.0	697.0	691.5	700.8	725.5	X$
JAB191M	822.4	825.3	828.1	837.0	852.9	X$
JAB194M	705.8	713.0	721.7	734.7	751.6	X$
JAB344M	638.8	652.9	650.4	660.0	667.0	X$
JAB197M	658.1	667.8	671.3	672.7	680.5	X$
JAB199M	696.7	702.3	704.9	724.3	735.7	X$
JAB201M	693.5	664.3	685.7	719.5	744.0	X$
JAB189M	814.2	818.2	823.7	837.8	851.9	X$
JAB200M	687.1	693.3	698.9	706.8	719.4	X$
JAB174M	756.3	761.1	770.2	784.3	792.7	X$
JAB184M	727.7	739.1	738.5	746.7	758.0	X$
JAB196M	738.3	765.8	762.6	784.8	788.6	810.7
JAB008M	715.9	722.6	734.5	741.5	747.4	762.6
JAB175M	670.3	675.9	679.6	680.9	694.7	706.5
JAB009M	710.4	722.8	728.8	742.5	752.6	770.3
JAB198M	692.0	699.0	697.6	710.3	717.1	729.4
JAB187M	709.8	722.2	728.2	735.5	747.8	761.7
JAB177M	650.1	648.6	665.1	678.5	684.7	692.2
JAB193M	776.8	770.5	774.8	796.6	810.9	823.1
JAB181M	766.7	770.6	765.0	775.9	782.4	794.3
MEAN	706.2	710.7	714.6	725.7	738.0	761.2
STD.DEV.	54.0	55.9	55.7	58.8	60.8	45.0
N	29	29	29	29	29	9

APPENDIX OO - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 MALES (CON'T)
(GRAMS)
DOSE: 160MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
JAB202M	195.4	198.0	260.2	330.0	389.6	439.7	487.9	516.8	546.0	574.1	590.3	609.4	622.1
JAB013M	202.1	206.9	267.5	340.0	395.5	437.9	467.7	498.4	528.4	549.6	566.7	574.7	575.0
JAB067M	191.4	196.5	250.3	314.1	367.0	409.8	448.6	479.3	507.8	529.5	543.2	559.4	555.5
JAB205M	166.2	172.9	228.5	289.1	342.6	377.6	416.5	429.3	455.2	481.7	497.6	515.8	513.9
JAB070M	174.1	191.6	121.7	316.1	366.7	408.0	449.1	478.7	509.3	534.6	553.1	574.3	581.2
JAB073M	174.8	180.9	231.2	295.0	347.8	386.8	428.0	448.4	464.6	500.5	521.5	549.1	552.7
JAB208M	88.4	93.6	148.3	214.2	275.0	343.5	400.7	441.5	489.8	524.0	542.2	568.1	561.0
JAB211M	167.1	175.2	229.9	294.7	343.1	386.4	424.0	455.8	481.3	507.7	523.2	550.5	549.5
JAB076M	148.7	153.1	206.7	264.9	308.3	333.7	361.7	383.2	409.5	421.1	443.4	449.4	447.5
JAB214M	157.0	163.3	220.7	287.8	347.1	398.7	442.3	466.1	501.0	533.4	557.4	580.5	587.1
JAB079M	191.9	192.1	253.0	328.0	380.8	417.0	452.0	479.5	509.9	541.3	554.2	576.1	564.1
JAB082M	206.4	209.9	262.0	319.8	368.5	399.2	437.4	452.2	481.7	500.2	519.3	522.8	519.5
JAB217M	187.4	189.0	256.6	332.0	391.8	445.0	496.9	528.6	566.8	591.0	619.6	637.3	643.8
JAB085M	194.4	197.4	255.1	307.9	345.9	379.7	404.7	426.7	450.2	467.7	480.8	493.6	492.6
JAB088M	162.2	171.6	238.4	303.7	360.6	403.7	446.7	475.9	508.8	528.9	555.4	572.5	573.1
JAB220M	173.7	184.0	238.5	306.2	359.1	401.0	435.0	461.5	483.6	501.4	518.1	527.2	524.5
JAB222M	165.9	174.9	232.1	303.3	370.8	423.8	472.2	518.7	561.6	591.5	612.3	637.7	638.5
JAB068M	213.4	221.6	283.5	364.9	433.2	486.9	533.1	568.1	610.6	646.8	631.6	639.9	667.2
JAB210M	76.8	81.8	128.0	190.7	250.2	312.2	366.8	404.3	415.2	457.3	490.8	518.0	520.4
JAB071M	171.4	187.4	249.2	306.5	358.2	397.6	435.5	466.1	492.3	514.6	544.3	559.5	572.1
JAB215M	168.0	172.2	226.9	293.6	346.9	394.7	442.4	472.8	497.8	521.4	543.6	552.4	559.2
JAB206M	180.4	186.6	238.6	309.0	355.8	395.7	431.7	446.6	475.4	503.0	522.3	537.3	526.1
JAB086M	201.7	203.4	260.0	320.4	370.7	406.5	443.1	465.1	491.7	512.4	534.0	543.1	553.1
JAB090M	165.7	173.6	243.4	309.9	376.2	419.4	466.2	503.2	538.8	564.1	580.1	596.5	614.8
JAB207M	166.2	173.9	227.7	292.7	344.2	382.2	427.9	454.2	485.1	505.9	521.2	534.9	537.2
JAB014M	196.4	205.7	256.8	321.9	377.0	409.1	440.0	466.5	491.8	512.1	528.9	532.4	526.0
JAB087M	199.2	198.8	246.3	304.8	340.9	371.9	403.3	426.8	454.5	463.2	482.3	496.4	495.4
JAB081M	198.8	196.6	260.1	336.3	393.1	438.9	482.3	507.1	544.0	578.6	590.5	603.9	602.6
JAB015M	201.4	207.4	260.0	332.6	376.4	412.9	442.6	456.0	481.1	496.9	509.1	524.7	520.0
JAB069M	206.4	213.6	275.3	347.0	421.0	471.4	523.9	561.5	576.9	582.9	575.3	575.8	578.7
MEAN	176.4	182.5	235.2	306.2	360.1	403.0	443.7	471.3	500.4	524.6	541.7	557.1	559.1
STD.DEV.	30.8	30.3	38.8	35.3	36.6	36.4	38.2	41.4	45.0	46.7	42.8	43.9	48.4
N	30	30	30	30	30	30	30	30	30	30	30	30	30

APPENDIX OO - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 MALES (CON'T)
(GRAMS)
DOSE: 160MG/KG (CON'T)

TIME=	84 DAYS	91 DAYS	98 DAYS	105 DAYS	112 DAYS	119 DAYS	126 DAYS	133 DAYS	140 DAYS	147 DAYS	154 DAYS	161 DAYS	168 DAYS
JAB202M	616.2	627.7	649.3	660.0	677.9	700.0	710.9	714.0	711.3	722.5	720.7	727.9	718.9
JAB013M	593.9	611.1	619.5	620.0	638.6	651.3	667.2	669.5	681.5	694.7	698.9	694.9	704.7
JAB067M	579.0	596.6	604.6	616.3	624.1	637.0	642.9	649.1	654.8	666.3	670.3	661.9	675.2
JAB205M	534.1	550.7	560.8	567.7	578.8	587.9	598.9	606.2	603.6	614.2	622.3	617.7	636.5
JAB070M	594.0	610.5	626.6	634.6	645.2	656.8	671.3	670.1	675.3	677.5	683.6	685.6	691.0
JAB073M	577.1	595.5	615.7	608.2	630.7	641.1	657.0	664.8	672.7	684.3	690.8	699.3	700.1
JAB208M	572.4	603.1	621.6	637.8	654.0	664.9	680.0	687.0	693.3	699.9	703.8	696.4	709.8
JAB211M	573.6	593.1	600.2	615.5	627.8	641.4	655.1	662.1	672.4	682.6	694.6	681.1	705.5
JAB076M	470.7	486.1	497.5	506.5	519.0	529.8	536.0	541.8	557.4	565.9	565.5	563.4	576.9
JAB214M	600.5	619.1	642.2	660.3	563.9	551.1	597.1	607.4	643.2	660.4	649.2	654.1	664.3
JAB079M	587.6	608.1	626.1	637.6	653.2	642.6	670.4	688.8	694.1	698.9	706.1	692.6	698.3
JAB082M	536.2	552.4	565.6	575.8	583.1	596.1	611.6	606.9	618.7	623.3	630.7	631.5	652.4
JAB217M	642.3	647.7	669.9	690.7	708.5	723.3	736.6	747.2	747.6	756.7	759.6	758.7	752.2
JAB085M	506.6	520.6	530.0	529.6	543.4	553.1	568.5	565.7	566.4	579.9	585.8	584.0	588.6
JAB088M	594.8	614.8	618.1	635.0	658.5	677.6	696.3	706.2	708.5	718.7	729.1	719.8	739.8
JAB220M	533.4	544.7	553.5	554.6	568.0	581.1	596.8	597.4	594.6	605.4	610.6	608.7	607.7
JAB222M	650.0	680.3	694.0	706.2	729.6	739.9	756.2	769.6	786.3	805.4	813.9	800.8	826.3
JAB068M	676.4	673.6	710.2	731.4	757.0	770.5	802.2	821.8	834.9	856.4	860.9	856.3	885.1
JAB210M	535.1	557.8	578.3	586.3	601.4	605.5	610.0	622.2	619.7	625.4	619.8	620.2	628.7
JAB071M	583.6	595.4	610.8	629.0	645.3	657.0	676.6	681.4	697.1	706.1	710.7	707.8	726.0
JAB215M	576.1	594.9	609.8	617.9	637.9	656.2	665.3	671.0	675.0	690.3	708.7	703.7	697.1
JAB206M	539.6	567.1	577.4	591.4	592.5	619.2	627.4	634.5	633.6	642.1	651.8	646.8	634.4
JAB086M	560.8	582.7	597.8	609.4	628.5	632.7	643.5	644.0	646.8	647.1	652.1	626.5	636.8
JAB090M	614.0	630.3	650.9	659.1	687.9	698.9	711.1	722.9	733.2	740.3	748.2	741.7	757.2
JAB207M	556.7	570.0	581.8	597.5	608.1	618.5	627.1	634.8	639.1	643.4	455.3	653.3	664.3
JAB014M	545.2	541.7	567.5	575.5	581.0	596.2	600.0	607.7	610.4	618.0	621.4	614.8	625.4
JAB087M	501.8	509.2	527.0	530.6	548.5	558.6	560.1	565.1	576.7	587.5	586.1	584.7	589.9
JAB081M	616.4	638.7	653.3	665.5	690.5	708.8	713.2	721.2	732.8	736.8	741.7	734.8	748.3
JAB015M	535.4	538.5	550.4	552.5	563.0	564.0	580.2	579.8	583.8	592.0	593.7	594.3	600.9
JAB069M	602.7	602.4	624.9	634.4	669.8	699.5	688.8	699.5	693.0	720.1	733.2	750.3	764.9
MEAN	573.5	588.8	604.5	614.6	627.2	638.7	652.0	658.7	665.3	675.4	674.0	677.1	686.9
STD.DEV.	45.4	45.9	48.8	52.3	57.1	60.0	61.0	64.0	64.8	66.8	79.6	67.9	71.2
N	30	30	30	30	30	30	30	30	30	30	30	30	30

APPENDIX OO - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 MALES (CON'T)
(GRAMS)
DOSE: 160MG/KG (CON'T)

TIME=	1 7 5 D A Y S	1 8 2 D A Y S	1 8 9 D A Y S	1 9 6 D A Y S	2 0 3 D A Y S	2 1 0 D A Y S
JAB202M	741.6	742.4	711.5	756.0	750.9	X$
JAB013M	713.5	719.6	728.0	738.0	750.1	X$
JAB067M	679.7	669.6	662.9	667.0	687.1	X$
JAB205M	634.6	633.2	640.4	646.6	664.4	X$
JAB070M	695.2	704.9	713.1	713.0	667.4	X$
JAB073M	715.2	722.7	719.6	738.0	736.8	X$
JAB208M	716.6	727.6	735.3	746.3	753.3	X$
JAB211M	710.2	719.2	721.6	724.1	748.4	X$
JAB076M	596.7	587.7	580.1	596.4	612.3	X$
JAB214M	675.4	686.1	668.8	662.7	677.5	X$
JAB079M	711.0	717.3	730.1	740.0	746.4	X$
JAB082M	651.1	661.9	659.0	658.1	670.8	X$
JAB217M	763.3	765.2	764.2	775.4	778.4	X$
JAB085M	574.5	574.7	574.5	588.3	603.1	X$
JAB088M	746.8	754.2	758.3	770.7	784.3	X$
JAB220M	609.3	611.0	614.3	628.7	645.7	X$
JAB222M	827.9	834.5	841.9	855.3	852.7	X$
JAB068M	893.1	906.2	908.3	916.2	926.8	X$
JAB210M	630.8	631.4	620.2	636.6	647.6	X$
JAB071M	728.5	738.6	755.2	766.5	773.3	X$
JAB215M	710.8	718.6	724.6	727.3	741.7	758.9
JAB206M	643.3	658.0	667.9	679.1	692.5	716.3
JAB086M	650.9	643.3	645.8	663.9	673.0	680.1
JAB090M	761.5	772.3	777.6	780.1	786.6	805.8
JAB207M	672.2	663.9	679.4	682.7	683.8	704.5
JAB014M	614.9	617.2	628.7	629.3	637.8	654.0
JAB087M	601.3	609.8	613.4	623.5	627.4	645.0
JAB081M	754.4	764.5	771.9	728.1	769.2	731.3
JAB015M	598.7	600.1	592.5	595.6	597.5	609.3
JAB069M	746.3	795.1	805.7	814.3	830.2	855.6
MEAN	692.3	698.4	700.5	708.3	717.2	716.1
STD.DEV.	72.2	76.9	79.0	78.5	78.0	75.5
N	30	30	30	30	30	10

APPENDIX OO - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 MALES (CON'T)
(GRAMS)
DOSE: 500MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
JAB223M	93.3	98.9	152.5	213.4	269.2	321.7	365.5	395.4	412.0	443.1	443.2	449.0	427.1
JAB227M	124.3	129.4	176.6	238.5	299.9	327.3	361.5	386.6	412.6	438.8	457.5	476.2	477.0
JAB016M	150.0	157.6	203.8	267.4	320.0	361.4	393.6	413.5	440.7	463.6	486.3	502.8	505.4
JAB229M	115.1	120.2	166.8	226.1	274.8	308.0	342.3	371.3	396.7	421.1	441.8	457.4	460.7
JAB091M	213.8	221.5	281.8	359.0	412.5	453.1	497.2	522.9	555.2	582.3	606.1	628.7	626.7
JAB093M	168.0	185.4	237.4	305.1	350.6	396.5	445.9	471.3	503.5	532.0	557.2	571.9	562.5
JAB232M	169.2	177.1	224.1	291.5	349.3	393.5	428.1	459.0	498.7	534.0	553.2	573.9	584.2
JAB018M	170.4	179.2	228.7	298.2	350.4	394.7	436.4	458.3	483.0	505.0	522.6	540.4	535.0
JAP022M	107.8	114.0	153.3	201.4	244.3	277.1	299.2	316.0	337.1	351.6	366.1	376.1	381.5
JAB238M	144.9	148.8	202.8	268.0	321.4	365.8	404.3	428.0	454.2	484.1	499.3	514.1	515.7
JAB242M	52.3	56.7	95.8	155.2	214.0	263.8	321.9	366.5	401.2	431.7	454.4	481.5	478.5
JAB239M	143.5	151.2	203.7	263.3	304.3	340.8	370.0	394.1	422.0	440.2	454.5	465.5	473.4
JAB225M	98.8	103.1	156.5	212.8	272.6	324.9	368.4	403.9	434.6	457.9	477.3	500.5	502.9
JAB240M	145.5	151.7	200.2	262.3	308.4	343.7	376.2	399.2	423.9	444.0	457.7	475.8	472.1
JAB231M	129.8	138.0	189.7	247.7	294.8	337.1	367.7	391.5	404.2	417.9	432.3	450.4	442.4
JAB235M	157.6	166.5	216.1	276.9	335.1	374.0	415.2	447.9	477.1	474.6	460.2	512.7	512.2
JAB021M	184.9	192.9	246.9	317.6	366.5	409.9	444.2	466.4	494.7	515.7	526.8	536.4	532.8
JAB237M	129.5	135.6	180.7	236.5	281.6	323.4	366.4	391.2	419.2	449.3	465.7	493.1	494.0
JAB241M	143.5	150.7	204.0	260.9	311.3	355.6	387.1	399.8	417.5	442.9	467.4	484.5	489.6
JAB230M	134.1	139.6	187.5	246.2	290.2	331.8	367.1	382.3	410.4	423.9	439.9	454.6	454.7
JAB236M	138.4	144.7	179.9	229.2	283.4	329.4	365.3	392.7	423.4	445.5	460.2	476.4	480.7
JAB092M	222.0	227.4	288.1	353.0	406.0	442.8	484.2	510.5	541.2	568.1	579.9	596.4	596.8
JAB025M	126.9	132.9	179.3	232.0	281.6	317.4	352.8	375.8	400.2	416.2	437.5	448.3	454.7
JAB224M	94.8	100.9	153.2	216.7	271.6	324.4	367.8	379.7	409.6	426.6	443.7	459.4	462.3
JAB024M	115.4	119.7	161.9	214.8	259.1	303.1	327.4	357.4	379.4	400.4	418.9	433.8	435.0
JAB019M	158.1	163.6	215.8	274.1	326.4	361.7	393.4	414.6	439.5	458.1	472.0	483.6	484.2
JAB017M	148.1	155.5	197.4	251.7	303.8	346.6	386.8	413.5	429.3	451.6	470.7	497.0	499.7
JAB233M	133.6	140.0	188.3	243.3	289.3	325.1	356.9	381.8	411.3	429.2	451.1	473.3	465.0
JAB228M	104.1	109.6	155.2	209.3	252.1	280.2	314.9	334.4	360.6	373.1	392.0	407.8	398.3
JAB234M	142.0	145.2	190.0	248.7	297.2	334.3	366.8	386.6	413.8	434.9	449.2	464.3	455.2
MEAN	138.7	145.3	193.9	254.0	304.4	345.6	382.5	407.1	433.6	455.2	471.5	489.5	488.7
STD.DEV.	35.0	36.0	39.4	43.9	44.4	44.5	46.3	46.7	49.0	51.7	52.2	53.8	54.5
N	30	30	30	30	30	30	30	30	30	30	30	30	30

APPENDIX OO - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 MALES (CON'T)
(GRAMS)
DOSE: 500MG/KG (CON'T)

TIME=	84 DAYS	91 DAYS	98 DAYS	105 DAYS	112 DAYS	119 DAYS	126 DAYS	133 DAYS	140 DAYS	147 DAYS	154 DAYS	161 DAYS	168 DAYS
JAB223M	455.1	464.1	478.8	485.4	492.3	509.1	529.3	532.6	529.9	534.7	534.3	525.0	541.2
JAB227M	446.0	474.6	481.8	482.4	509.6	508.6	524.7	523.8	530.1	535.8	543.1	529.6	514.9
JAB016M	513.3	534.0	545.5	556.5	565.6	576.4	589.6	591.0	597.5	610.5	609.4	601.8	593.8
JAB229M	483.3	498.7	508.9	520.7	546.3	549.3	560.1	561.1	573.2	578.5	589.6	576.9	552.6
JAB091M	639.2	650.3	665.7	675.6	685.3	697.6	707.5	712.0	714.9	720.3	733.9	725.4	737.3
JAB093M	580.8	600.9	613.5	626.0	641.1	648.3	668.6	678.2	680.5	693.0	695.1	688.7	686.2
JAB232M	599.9	582.3	624.8	636.4	656.5	644.7	657.9	650.8	662.3	669.1	694.0	690.4	698.0
JAB018M	548.2	548.7	566.5	576.3	598.4	607.8	621.4	628.6	631.8	634.6	633.4	620.4	622.5
JAB022M	393.5	401.5	408.6	416.0	425.5	430.7	435.6	434.4	440.5	447.1	453.1	457.3	467.8
JAB238M	528.5	531.2	545.4	556.5	566.7	571.0	577.6	590.5	587.0	597.3	600.6	597.9	599.3
JAB242M	508.7	540.4	557.6	570.1	586.7	598.7	616.5	622.9	618.7	625.3	637.4	640.7	614.6
JAB239M	486.9	491.4	502.9	511.1	523.0	536.8	555.5	556.9	564.5	571.8	580.8	582.3	586.9
JAB225M	523.0	530.8	541.2	553.8	577.6	587.9	605.1	608.8	620.9	625.4	632.4	635.2	642.3
JAB240M	489.0	505.5	508.7	515.3	527.7	536.4	550.1	551.8	553.8	557.8	563.9	556.4	550.7
JAB231M	471.8	465.9	475.7	483.7	488.3	505.8	502.3	511.0	477.0	500.8	525.1	522.0	531.7
JAB235M	530.7	556.9	559.2	569.2	570.1	589.6	608.5	601.8	610.4	605.0	615.9	606.6	623.7
JAB021M	547.4	561.6	574.7	578.1	587.6	595.5	610.2	611.9	614.8	618.3	621.9	615.2	637.1
JAB237M	516.2	531.2	544.9	554.5	572.8	573.1	597.7	604.0	601.9	605.4	612.5	602.9	624.1
JAB241M	508.3	514.7	527.6	536.8	541.2	547.0	560.1	560.0	565.0	566.4	575.0	575.3	576.8
JAB230M	461.5	486.2	490.6	500.6	510.3	516.3	534.2	534.2	536.6	543.1	549.2	536.1	557.6
JAB236M	497.1	X$											
JAB092M	616.5	635.5	651.2	662.0	675.5	682.6	684.3	696.9	718.3	726.4	739.2	726.7	747.7
JAB025M	477.1	479.3	497.2	503.5	510.9	519.6	532.7	536.1	538.2	540.0	544.6	542.3	537.4
JAB224M	487.5	502.7	509.3	520.6	505.8	530.7	541.5	536.3	539.3	547.9	541.1	546.1	540.0
JAB024M	453.5	470.5	482.8	497.3	511.4	515.3	524.3	523.8	519.8	527.8	540.3	538.7	540.9
JAB019M	489.3	493.0	495.4	511.7	535.4	537.3	549.5	554.5	526.9	548.8	550.8	552.0	543.3
JAB017M	520.0	540.9	558.6	564.0	579.2	584.8	604.2	606.9	610.7	613.8	603.8	601.4	609.3
JAB233M	474.5	491.4	503.3	505.4	523.7	533.4	537.2	536.7	536.5	541.9	553.6	543.5	531.3
JAB228M	423.8	438.2	444.1	441.3	432.6	438.2	462.9	452.5	450.2	447.7	453.9	442.7	471.1
JAB234M	463.9	467.7	475.4	476.3	489.0	496.2	509.5	507.4	501.0	501.9	498.5	489.4	502.4
MEAN	504.5	516.9	529.0	537.5	549.5	557.5	571.0	573.0	574.2	580.6	587.1	581.7	585.6
STD.DEV.	54.6	55.4	59.0	60.8	63.4	62.5	62.8	65.2	69.7	69.6	71.0	70.4	71.2
N	30	29	29	29	29	29	29	29	29	29	29	29	29

APPENDIX OO - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 MALES (CON'T)
(GRAMS)
DOSE: 500MG/KG (CON'T)

TIME=	1 7 5 DAYS	1 8 2 DAYS	1 8 9 DAYS	1 9 6 DAYS	2 0 3 DAYS	2 1 0 DAYS
JAB223M	535.5	541.7	526.8	517.9	526.7	X$
JAB227M	508.9	510.9	492.3	514.1	532.1	X$
JAB016M	599.7	578.8	490.7	564.7	591.8	X$
JAB229M	561.8	573.0	586.9	605.5	620.8	X$
JAB091M	741.4	739.0	716.2	727.4	751.9	X$
JAB093M	685.8	690.6	696.8	713.3	724.2	X$
JAB232M	716.7	709.9	718.5	727.1	739.0	X$
JAB018M	631.8	637.4	641.7	642.7	651.8	X$
JAB022M	469.6	471.1	469.6	471.3	476.7	X$
JAB238M	603.8	604.5	611.2	622.0	619.1	X$
JAB242M	634.6	624.2	626.7	655.1	655.8	X$
JAB239M	596.8	595.2	596.6	606.0	620.1	X$
JAB225M	657.1	647.5	653.5	671.4	682.8	X$
JAB240M	546.7	552.2	558.5	571.2	584.0	X$
JAB231M	537.8	533.8	542.2	555.7	563.6	X$
JAB235M	626.8	[illegible]1.2	593.1	598.6	610.2	X$
JAB021M	631.3	636.1	640.3	643.5	649.2	X$
JAB237M	622.9	614.2	619.0	630.5	636.4	X$
JAB241M	580.3	585.2	592.5	599.4	596.0	X$
JAB230M	552.0	560.0	565.8	577.2	579.4	X$
JAB236M						
JAB092M	753.7	726.7	711.0	737.6	755.5	774.5
JAB025M	545.1	542.1	562.0	563.5	576.0	589.9
JAB224M	559.7	556.1	562.2	578.1	587.6	608.6
JAB024M	540.5	554.7	563.3	569.1	569.3	576.0
JAB019M	551.3	547.2	554.7	571.2	578.0	586.6
JAB017M	630.5	632.1	633.6	636.2	649.8	657.0
JAB233M	527.7	517.4	514.0	540.4	545.2	563.1
JAB228M	455.3	453.1	430.2	423.9	433.8	461.5
JAB234M	502.4	493.2	477.7	488.7	492.5	502.2
MEAN	589.9	587.6	584.4	597.4	606.9	592.2
STD.DEV.	74.8	72.1	75.7	76.6	78.5	90.4
N	29	29	29	29	29	9

NOTE: $ - VALUE EXCLUDED
X - ANIMAL DEAD

APPENDIX PP - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2A)
(GRAMS)
DOSE: 0MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
JAB245F	149.7	159.5	187.8	205.7	238.7	253.4	276.3	295.7	303.6	309.1	322.1	335.7	C$
JAB248F	140.1	146.5	177.8	194.7	220.5	251.2	270.2	277.0	293.5	299.6	314.2	327.0	C$
JAB026F	116.8	124.2	143.7	158.5	178.5	191.4	196.1	215.0	223.1	234.1	238.8	245.7	237.6
JAB251F	172.7	177.1	207.9	238.3	262.0	281.5	294.1	315.7	324.0	338.6	340.4	353.0	356.1
JAB095F	138.0	138.3	222.9	242.4	275.5	301.8	315.2	340.1	342.5	354.9	381.3	376.9	395.7
JAB097F	154.0	165.6	185.0	210.8	231.2	235.5	257.1	269.2	273.5	277.4	295.4	303.4	C$
JAB254F	147.9	150.4	176.3	202.7	220.9	239.3	251.6	273.9	289.6	293.5	307.6	320.1	C$
JAB100F	178.8	180.3	201.7	222.4	238.2	261.6	277.9	280.4	293.9	307.1	320.9	337.0	323.8
JAB257F	94.5	102.1	132.7	163.2	182.0	195.6	214.7	238.9	246.0	246.6	265.7	285.6	C$
JAB260F	161.5	165.2	188.2	223.0	251.0	267.3	278.3	298.4	307.5	311.5	330.2	320.7	337.3
JAB263F	135.2	140.5	172.4	200.4	223.5	246.4	271.6	283.4	295.6	311.8	323.8	335.5	338.0
JAB266F	N$	134.3	164.3	179.8	205.8	216.1	229.9	246.4	242.3	255.7	256.6	259.2	269.3
JAB269F	147.0	153.2	181.5	195.2	213.7	219.4	240.6	251.7	260.2	257.3	277.0	289.6	C$
JAB101F	165.8	171.4	202.2	227.3	239.7	252.4	272.4	285.0	303.0	312.8	314.1	327.9	332.8
JAB270F	171.8	175.3	214.8	234.2	271.2	289.8	326.3	321.8	327.5	369.3	365.2	367.5	380.3
JAB273F	148.8	150.3	184.8	214.2	237.2	268.0	284.4	295.6	297.2	323.0	334.4	340.2	339.9
JAB252F	165.8	174.6	211.5	234.9	259.8	289.2	306.5	333.2	336.1	331.0	348.4	358.7	C$
JAB028F	137.2	140.9	174.6	196.9	212.3	234.0	246.5	253.7	265.5	274.0	274.3	292.7	290.2
JAB275F	143.0	149.8	174.6	205.6	225.7	245.6	247.8	260.1	284.3	286.7	282.6	290.9	296.8
JAB255F	156.7	160.7	191.1	204.9	234.1	255.1	270.0	288.7	301.7	293.2	316.3	308.5	C$
JAB264F	118.8	123.8	153.0	182.9	196.2	216.5	229.0	232.6	248.1	264.2	268.2	279.2	276.8
JAB267F	134.7	136.7	159.4	188.5	200.1	220.4	231.1	244.5	245.4	257.6	268.5	269.0	275.7
JAB262F	160.2	166.6	182.9	212.3	231.9	262.3	271.2	282.9	298.6	295.7	311.6	326.0	C$
JAB102F	159.4	166.4	190.9	222.2	248.1	264.0	280.0	295.9	304.8	314.6	323.1	329.0	333.5
JAB246F	135.8	143.9	168.6	214.9	211.8	230.0	243.6	261.5	271.7	273.3	287.9	292.3	313.0
JAB256F	158.5	162.8	190.5	217.5	236.4	263.3	277.3	281.5	297.4	314.6	324.2	323.7	326.3
JAB098F	170.3	173.4	195.0	208.4	236.0	256.0	274.5	280.5	297.8	314.6	322.4	321.5	339.0
JAB249F	139.3	144.7	182.0	212.5	237.0	257.8	280.2	299.0	309.3	316.4	337.1	347.8	C$
JAB253F	163.8	165.2	198.4	218.9	249.2	259.8	283.2	280.5	296.4	310.3	313.2	313.0	322.8
JAB271F	184.2	190.1	217.6	264.8	303.8	299.7	325.5	322.1	336.8	X$			
MEAN	150.0	154.5	184.5	209.9	232.4	250.8	267.4	280.2	290.6	298.2	309.2	316.5	320.3
STD.DEV.	19.8	19.5	21.1	22.6	27.1	27.7	30.7	29.8	29.9	31.9	33.0	31.8	38.8
N	29	30	30	30	30	30	30	30	30	29	29	29	19

APPENDIX PP - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2A) (CON'T)
(GRAMS)
DOSE: 0MG/KG (CON'T)

TIME=	8 4 DAYS	9 1 DAYS	9 8 DAYS	1 0 5 DAYS	1 1 2 DAYS	1 1 9 DAYS	1 2 6 DAYS	1 3 3 DAYS
JAB245F					362.7	368.0	377.4	383.9
JAB248F							338.1	354.6
JAB026F	C$						285.2	281.0
JAB251F	C$						405.9	368.1
JAB095F	C$				414.7	411.0	435.8	439.8
JAB097F							311.4	322.9
JAB254F							364.3	371.3
JAB100F	329.8	C$						375.0
JAB257F							300.8	297.0
JAB260F	C$						364.3	359.3
JAB263F	C$						328.9	338.9
JAB266F	C$						311.6	301.7
JAB269F							308.3	330.0
JAB101F	C$						367.5	359.1
JAB270F	C$						398.1	394.4
JAB273F	359.4	384.7	453.8	L$			363.1	368.0
JAB252F							372.1	378.0
JAB028F	C$						327.3	322.4
JAB275F	C$						334.0	334.1
JAB255F							334.6	337.3
JAB264F	C$						298.4	300.3
JAB267F	C$						310.3	312.4
JAB262F							339.4	343.9
JAB102F	C$						371.5	370.7
JAB246F	331.2	C$			360.6	352.2	344.8	357.6
JAB256F	C$						352.9	344.1
JAB098F	C$						371.6	359.5
JAB249F							322.4	329.9
JAB253F	350.4	351.3	C$					
JAB271F								
MEAN	342.7	368.0	453.8		379.3	377.1	345.9	347.7
STD.DEV.	14.6	23.6	N/A	N/A	30.6	30.4	35.9	33.9
N	4	2	1		3	3	27	28

APPENDIX PP - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2A) (CON'T)
(GRAMS)
DOSE: 50MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
JAB029F	160.8	154.8	186.7	211.0	221.5	237.0	249.3	259.8	262.2	275.4	277.7	281.4	290.8
JAB032F	163.7	164.4	188.8	222.2	240.2	256.2	273.7	285.8	292.1	301.0	315.1	324.7	327.0
JAB276F	155.8	160.5	176.0	210.9	237.9	249.3	274.0	284.6	287.5	304.9	310.0	306.7	306.4
JAB279F	136.9	147.0	177.6	197.4	212.7	230.7	252.4	260.2	266.2	280.8	293.7	299.1	285.8
JAB104F	140.2	143.6	176.1	204.8	232.7	249.4	267.9	280.3	285.3	294.9	303.2	308.3	C$
JAB282F	145.5	148.1	178.9	202.1	227.5	242.2	255.9	267.4	282.5	292.4	291.7	300.2	311.6
JAB285F	119.8	123.7	160.4	197.4	229.0	253.8	273.5	286.9	300.5	313.5	325.2	328.0	319.6
JAB288F	152.7	158.4	190.8	228.3	253.6	271.9	287.1	299.8	314.4	325.7	334.4	342.5	350.3
JAB035F	150.1	150.9	175.8	204.4	211.8	239.0	250.9	265.6	277.6	294.5	293.4	321.6	320.0
JAB291F	158.9	167.5	195.6	245.0	282.0	316.0	324.8	346.6	362.9	381.3	388.2	407.6	399.2
JAB107F	175.4	184.6	214.4	238.3	256.9	267.3	284.5	290.8	307.3	311.7	329.9	337.1	C$
JAB292F	176.1	182.6	211.6	248.1	266.1	291.0	315.6	326.9	341.2	351.4	363.7	370.3	363.7
JAB295F	140.7	144.9	169.5	198.9	226.7	253.7	265.0	295.6	310.5	324.2	322.4	334.6	325.8
JAB347F	89.2	95.1	141.9	187.6	223.2	245.6	272.6	285.9	310.0	325.8	326.7	333.8	324.2
JAB298F	136.7	140.3	169.2	196.1	216.5	238.5	251.2	258.9	269.4	279.1	288.7	297.9	C$
JAB299F	133.9	137.9	168.1	187.8	215.1	239.1	251.7	275.4	280.2	298.8	307.2	326.4	C$
JAB348F	94.8	100.2	152.5	197.6	237.8	257.1	280.5	298.8	298.2	325.3	334.7	343.2	322.2
JAB277F	165.0	169.2	189.3	227.5	252.6	270.3	291.3	299.8	323.9	334.3	349.8	355.5	C$
JAB293F	110.8	171.9	215.7	247.0	273.4	291.5	317.5	331.6	339.3	346.1	363.8	371.2	C$
JAB037F	146.2	151.3	165.1	194.5	216.2	226.2	227.8	244.6	261.2	265.3	269.2	284.2	286.7
JAB343F	95.8	101.7	148.8	191.7	226.8	251.8	282.0	288.8	309.3	326.0	328.6	342.5	C$
JAB278F	151.0	156.7	179.7	207.6	231.4	248.1	269.6	276.3	283.4	285.2	294.3	308.3	C$
JAB300F	147.6	151.9	186.3	209.7	243.4	264.0	282.3	292.1	306.0	319.3	340.4	339.4	345.2
JAB034F	150.4	158.8	189.9	223.9	253.2	262.4	278.1	293.6	302.9	310.4	325.5	344.3	C$
JAB105F	139.9	145.2	170.0	190.5	213.6	226.3	241.0	242.9	256.0	269.4	273.4	272.4	275.7
JAB289F	170.1	173.4	199.9	244.4	276.7	292.2	312.8	320.9	338.0	363.4	362.4	376.9	390.6
JAB297F	133.8	137.8	161.2	190.2	218.4	234.5	259.5	273.7	286.4	290.4	314.2	320.5	C$
JAB106F	147.8	155.6	176.5	199.2	221.4	226.8	247.4	257.7	271.7	272.8	283.6	296.3	C$
JAB281F	149.0	162.6	200.9	231.1	252.5	261.1	289.1	297.5	310.9	315.4	326.5	327.5	C$
JAB290F	172.0	177.2	215.0	244.9	277.7	294.5	309.7	323.2	332.5	336.9	352.3	353.8	348.7
MEAN	143.7	150.6	181.1	212.7	238.3	256.3	274.6	287.1	299.0	310.5	319.7	328.5	327.4
STD.DEV.	22.7	22.3	19.4	20.2	21.5	22.8	24.4	25.3	26.8	28.5	29.8	30.5	34.3
N	30	30	30	30	30	30	30	30	30	30	30	30	18

APPENDIX PP - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2A) (CON'T)
(GRAMS)
DOSE: 50MG/KG (CON'T)

TIME=	8 4	9 1	9 8	1 0 5	1 1 2	1 1 9	1 2 6	1 3 3
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
JAB029F	C$						315.8	316.3
JAB032F	345.1	C$						
JAB276F	C$				330.1	332.3	334.9	342.9
JAB279F	287.1	C$						298.0
JAB104F							346.8	345.9
JAB282F	C$						343.9	350.0
JAB285F	C$						353.3	358.6
JAB288F	C$						324.3	348.6
JAB035F	C$						329.1	356.6
JAB291F	C$				445.1	435.9	454.1	465.7
JAB107F							362.3	366.4
JAB292F	C$				379.3	383.7	407.1	386.9
JAB295F	C$						342.3	354.6
JAB347F	C$						343.5	359.8
JAB298F							358.3	360.2
JAB299F					365.5	358.6	378.9	379.9
JAB348F	C$						379.9	369.2
JAB277F					399.8	391.3	410.4	409.1
JAB293F							392.4	397.9
JAB037F	C$						311.5	304.6
JAB349F							380.7	394.7
JAB278F							347.8	350.2
JAB300F	360.7	385.6	384.0	390.5	383.2	391.5	392.9	397.0
JAB034F					365.9	370.5	381.6	393.2
JAB105F	300.0	322.6	391.9	L$			310.7	312.6
JAB299F	420.6	416.7	C$			429.4	413.9	429.0
JAB297F							332.2	338.9
JAB106F							329.2	333.4
JAB281F							353.8	375.6
JAB290F	C$						377.1	376.8
MEAN	342.7	375.0	388.0	390.5	381.3	386.7	361.0	364.6
STD.DEV.	53.2	47.9	5.6	N/A	35.4	34.5	35.0	36.7
N	5	3	2	1	7	8	28	29

APPENDIX PP - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2A) (CON'T)
(GRAMS)
DOSE: 160MG/KG

TIME=	0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
JAB302F	166.5	171.3	206.9	243.6	271.5	288.6	307.4	318.0	328.6	339.3	344.9	356.1	358.4
JAB038F	152.6	155.8	177.3	204.9	226.4	248.8	260.7	275.5	285.7	297.0	295.2	303.1	302.8
JAB110F	140.1	141.4	168.5	192.8	211.6	233.1	245.1	256.3	263.6	275.9	285.8	285.4	C$
JAB305F	142.5	146.5	166.3	197.8	212.4	226.8	242.8	251.3	261.8	268.1	272.3	278.6	282.0
JAB113F	146.7	144.2	171.5	200.4	225.8	246.7	254.8	273.2	284.0	300.1	308.3	315.6	C$
JAB116F	181.7	181.6	216.0	260.0	288.0	316.8	341.7	356.1	363.9	386.8	411.1	427.8	414.4
JAB308F	77.8	79.6	124.9	169.4	202.8	237.5	255.8	283.8	298.4	318.9	328.3	341.8	332.7
JAB311F	137.0	140.3	158.9	179.0	198.7	201.7	225.2	235.3	247.9	242.7	261.7	269.5	C$
JAB118F	124.8	125.4	152.6	177.9	198.9	213.3	235.1	245.0	243.7	261.5	273.2	274.8	284.2
JAB314F	148.8	152.8	186.5	214.4	245.1	266.4	278.4	275.8	285.1	313.5	320.3	310.2	321.0
JAB121F	153.3	153.6	178.6	202.8	231.9	247.9	260.8	262.4	286.7	288.1	307.1	307.1	C$
JAB124F	150.1	155.3	173.6	200.5	222.1	231.6	253.6	265.9	273.2	285.6	292.9	290.4	290.3
JAB316F	151.9	151.8	183.0	X$									
JAB127F	141.0	145.2	176.0	192.2	217.9	237.5	249.5	259.8	258.3	277.5	280.6	287.1	C$
JAB130F	158.0	159.6	192.0	219.3	250.4	274.4	292.7	294.2	319.4	337.0	346.8	355.0	350.2
JAB319F	143.8	149.6	175.0	201.5	220.7	231.6	254.3	264.1	265.9	270.8	292.0	290.2	317.2
JAB322F	135.5	139.6	175.0	205.5	231.4	252.6	276.7	278.7	300.9	310.3	326.8	343.5	352.9
JAB320F	148.3	151.5	191.5	212.4	229.2	241.1	256.9	264.8	271.5	273.7	288.8	287.8	C$
JAB114F	151.4	152.1	165.4	199.8	225.8	245.4	251.7	257.8	276.4	281.8	284.6	290.9	296.1
JAB306F	135.8	140.7	171.0	200.2	225.9	248.1	268.3	280.8	294.9	303.2	317.5	329.0	C$
JAB313F	146.0	147.3	178.0	202.1	224.6	241.6	255.1	262.1	276.5	286.6	298.7	300.4	303.3
JAB323F	130.7	134.7	160.6	190.8	206.1	230.3	239.8	252.0	267.6	267.3	284.3	276.8	285.1
JAB310F	76.8	80.9	123.4	154.6	182.1	206.8	224.3	230.9	250.5	270.6	276.3	254.8	260.5
JAB117F	128.9	132.9	148.3	168.9	190.8	209.7	214.9	223.9	237.6	247.9	249.1	260.3	C$
JAB040F	167.8	170.3	186.7	216.9	238.8	247.2	269.0	267.2	283.8	284.9	286.7	299.0	303.7
JAB309F	78.7	83.0	125.1	163.2	191.1	221.0	237.7	245.3	268.7	274.8	290.2	302.0	C$
JAB039F	161.1	163.7	194.2	222.3	229.8	242.9	254.6	262.2	255.8	269.0	261.2	270.4	288.6
JAB317F	139.5	146.2	163.7	199.5	228.5	247.5	266.0	278.8	298.4	304.8	314.8	320.2	C$
JAB120F	141.6	141.8	173.7	199.3	222.1	240.5	260.0	269.9	280.6	293.1	300.5	306.2	300.2
JAB112F	161.3	158.1	182.4	216.1	241.4	262.2	273.8	286.8	298.9	312.2	317.3	321.6	323.9
MEAN	140.7	143.2	171.6	200.3	223.9	242.7	258.9	268.2	280.3	291.1	300.6	305.4	314.1
STD.DEV.	24.6	24.1	21.5	22.2	22.8	23.9	25.3	25.7	26.8	29.8	32.0	35.5	35.8
N	30	30	30	29	29	29	29	29	29	29	29	29	19

APPENDIX PP - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2A) (CON'T)
(GRAMS)
DOSE: 160MG/KG (CON'T)

TIME=	8 4 DAYS	9 1 DAYS	9 8 DAYS	1 0 5 DAYS	1 1 2 DAYS	1 1 9 DAYS	1 2 6 DAYS	1 3 3 DAYS
JAB302F	C$						366.8	361.3
JAB038F	C$						373.7	332.4
JAB110F							304.8	314.5
JAB305F	C$						295.7	291.5
JAB113F							326.9	325.7
JAB116F	425.1	C$						
JAB308F	C$				355.8	366.6	375.0	375.4
JAB311F							300.1	303.9
JAB118F	C$				311.0	308.5	328.6	343.0
JAB314F	C$				355.5	370.0	364.4	374.3
JAB121F							317.1	337.0
JAB124F	308.3	C$				338.7	348.4	357.7
JAB316F								
JAB127F					291.2	286.1	298.5	299.2
JAB130F	C$				380.3	390.8	409.9	414.3
JAB319F	C$						355.5	337.6
JAB322F	C$						360.7	361.0
JAB320F							325.1	327.8
JAB114F	307.5	319.5	313.7	312.3	307.0	315.7	317.9	329.5
JAB306F							330.8	353.1
JAB313F	C$						321.5	333.5
JAB323F	C$						333.7	337.7
JAB310F	C$						313.0	316.2
JAB117F							283.8	299.1
JAB040F	C$						325.0	334.9
JAB309F							315.6	330.9
JAB039F	C$						293.4	312.1
JAB317F							333.2	337.0
JAB120F	299.3	C$			330.6	344.8	345.6	348.3
JAB112F	C$						365.7	362.5
MEAN	335.1	319.5	313.7	312.3	333.1	340.2	333.2	337.6
STD.DEV.	60.2	N/A	N/A	N/A	32.1	35.3	29.9	26.8
N	4	1	1	1	7	8	28	28

APPENDIX PP - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2A) (CON'T)
(GRAMS)
DOSE: 500MG/KG

	TIME= 0	1	7	14	21	28	35	42	49	56	63	70	77
	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
JAB325F	107.8	118.4	151.3	193.7	24.0	251.3	274.5	281.1	309.3	318.8	334.1	343.3	C$
JAB133F	123.4	128.7	161.7	199.7	231.1	246.7	276.4	301.1	312.6	312.5	324.3	343.3	C$
JAB327F	103.9	105.8	139.4	164.6	186.0	205.7	227.9	240.1	237.9	258.8	267.5	272.9	268.6
JAB041F	103.0	107.0	134.2	159.7	174.3	179.6	199.0	213.3	221.9	215.4	229.1	230.3	C$
JAB331F	126.9	132.6	165.2	186.8	212.9	225.5	240.4	254.2	265.5	259.0	274.2	289.7	289.2
JAB135F	177.2	183.9	220.8	252.3	271.8	288.1	312.8	320.9	326.8	333.4	346.8	358.2	C$
JAB136F	142.3	146.0	164.8	200.4	228.8	249.8	266.9	287.3	301.9	316.7	316.8	332.3	331.5
JAB334F	133.4	137.3	172.6	201.9	222.2	247.3	275.7	285.6	285.5	300.1	314.2	313.1	303.7
JAB045F	132.5	137.4	160.8	184.0	209.9	215.1	237.2	240.5	255.1	257.9	275.2	276.1	C$
JAB335F	91.8	93.8	112.5	141.4	164.8	178.4	187.2	199.5	208.4	213.4	216.7	228.1	224.2
JAB050F	102.9	104.5	132.6	158.1	181.3	194.2	212.4	205.1	211.4	214.0	212.3	225.7	228.7
JAB336F	124.1	127.3	160.4	189.4	219.6	243.3	260.1	272.2	285.2	296.8	296.2	298.0	288.8
JAB339F	48.6	51.4	84.2	126.0	155.7	182.6	213.5	232.9	252.7	269.0	269.6	283.7	285.8
JAB329F	96.3	99.6	131.7	158.1	173.7	188.1	196.9	207.2	218.3	220.7	232.5	235.3	C$
JAB330F	100.0	103.4	126.3	145.9	165.2	185.1	197.0	201.0	212.4	221.7	231.0	230.1	230.3
JAB343F	48.5	49.1	82.9	120.4	147.2	174.1	206.3	227.3	236.0	250.2	265.1	283.4	276.0
JAB046F	124.3	128.8	154.9	188.0	213.3	232.6	246.7	252.5	260.8	269.8	282.4	285.6	C$
JAB138F	103.6	136.9	164.7	196.0	218.7	239.3	252.8	261.7	277.7	295.5	310.3	317.9	C$
JAB043F	130.2	133.9	149.7	174.3	197.4	206.7	210.5	230.4	241.6	246.0	240.9	256.7	257.5
JAB332F	109.3	114.1	145.2	173.9	187.6	204.1	224.5	225.1	239.5	248.0	248.9	257.2	258.2
JAB337F	115.0	119.2	147.1	173.5	199.6	219.2	227.9	241.5	251.2	253.1	257.3	264.3	265.8
JAB140F	120.5	121.1	153.2	192.0	217.9	242.2	255.9	271.2	288.7	297.3	304.2	313.3	301.5
JAB328F	104.0	105.9	139.1	166.0	183.2	206.6	218.4	222.7	237.7	248.6	253.6	261.6	256.6
JAB042F	137.7	140.4	176.7	207.2	236.1	260.0	277.7	279.8	301.2	314.2	321.7	314.9	312.6
JAB047F	135.5	135.9	160.9	179.0	205.5	221.2	231.6	240.2	250.8	268.3	273.2	276.1	271.5
JAB134F	141.3	142.8	183.0	212.2	230.9	254.2	276.0	285.2	293.8	306.5	318.5	316.5	308.1
JAB048F	129.8	134.3	163.9	187.3	211.8	230.0	251.5	267.2	279.0	299.1	308.1	320.0	C$
JAB341F	45.3	44.7	80.6	123.1	156.8	189.6	213.9	239.1	250.9	267.3	283.5	289.8	284.3
JAB333F	111.6	117.3	144.3	170.9	197.8	216.4	239.1	246.5	258.7	274.6	281.0	286.4	284.8
JAB338F	122.1	124.6	155.4	186.4	209.4	232.2	254.7	261.9	270.9	284.4	296.9	299.9	298.1
MEAN	114.1	117.5	147.3	177.1	201.2	220.3	238.8	249.8	261.4	271.0	279.5	286.8	277.4
STD.DEV.	28.5	29.4	29.5	28.3	28.4	28.8	30.6	31.1	32.3	34.5	36.2	36.5	28.4
N	30	30	30	30	30	30	30	30	30	30	30	30	21

APPENDIX PP - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2A) (CON'T)
(GRAMS)
DOSE: 500MG/KG (CON'T)

TIME=	8 4 DAYS	9 1 DAYS	9 8 DAYS	1 0 5 DAYS	1 1 2 DAYS	1 1 9 DAYS	1 2 6 DAYS	1 3 3 DAYS
JAB325F							382.0	387.1
JAB133F					354.0	354.9	365.3	369.9
JAB327F	C$				302.7	309.0	301.1	309.0
JAB041F					276.3	266.1	277.8	277.2
JAB331F	C$				309.0	317.8	336.2	332.3
JAB135F							383.1	395.8
JAB136F	C$						295.6	315.8
JAB334F	303.3	314.2	305.8	298.2	304.5	277.7	307.2	292.4
JAB045F							306.0	318.2
JAB335F	235.7	228.9	234.2	238.5	229.7	229.6	240.5	244.0
JAB050F	C$				264.1	267.1	267.5	270.6
JAB336F	C$				328.3	331.8	341.3	342.7
JAB339F	308.2	323.9	C$			332.9	345.0	348.3
JAB329F							243.9	268.4
JAB330F	C$				271.5	260.2	260.8	264.1
JAB343F	302.3	296.9	302.5	313.9	329.6	329.4	336.5	342.9
JAB046F							289.6	307.5
JAB138F					350.3	342.7	360.7	371.1
JAB043F	C$				295.1	293.0	291.1	301.9
JAB332F	262.9	264.1	269.9	271.2	273.6	278.2	277.9	282.7
JAB337F	264.8	C$				287.8	290.2	289.3
JAB140F	C$				334.6	329.6	343.4	339.9
JAB328F	C$				305.8	299.7	298.5	294.3
JAB042F	314.2	313.0	310.9	316.9	332.8	338.6	360.6	373.1
JAB047F	286.3	299.6	287.6	272.4	289.8	287.1	284.9	302.6
JAB134F	C$				351.8	350.9	357.1	359.7
JAB048F					342.6	348.6	362.5	374.2
JAB341F	C$				339.6	329.2	341.5	348.6
JAB333F	C$				303.5	312.0	328.9	333.8
JAB338F	305.3	317.5	303.0	305.8	322.7	324.7	335.6	339.3
MEAN	287.0	294.8	287.7	288.1	309.6	308.3	317.1	323.2
STD.DEV.	26.8	32.5	27.4	28.6	32.7	33.4	40.1	40.1
N	9	8	7	7	22	24	30	30

NOTE: $ - VALUE EXCLUDED
N - NOT MEASURED DUE TO TECHNICIAN OVERSIGHT
C - ANIMAL CONFIRMED MATED, SEE GESTATION BODY WEIGHTS
L - SEE LACTATION BODY WEIGHTS
X - ANIMAL DEAD

APPENDIX QQ - INDIVIDUAL GESTATION BODY WEIGHTS - P2/F2A
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 1 - 0 MG/KG						
JAB245c						
JAB248	332	361	374	385	405	451
JAB026	231	270	280	291	316	389
JAB251	351	385	405	415	444	506
JAB095c						
JAB097	301	336	349	351	382	437
JAB254	324	376	392	400	424	462
JAB100	335	350	370	366	413	470
JAB257	284	300	306	318	343	399
JAB260	347	375	395	412	429	503
JAB263	339	347	356	371	384	443
JAB266	267	292	302	320	346	408
JAB269	293	318	339	347	377	443
JAB101	335	371	383	409	442	519
JAB270	378	411	419	433	453	523
JAB273b						
JAB252	359	387	398	410	442	521
JAB028	288	319	329	349	377	452
JAB275	278	327	342	357	383	442
JAB255	306	345	342	354	385	451
JAB264	275	296	304	319	340	405
JAB267	274	311	322	334	370	443
JAB262	328	352	365	381	402	470
JAB102	334	358	373	387	405	478
JAB246	326	342	342	356	366	400
JAB256	331	340	350	365	379	423
JAB098	343	392	405	430	454	514
JAB249	334	357	373	386	401	450
JAB253	350	378	374	406	423	489
JAB271a						

NOTES: G = Gestation
a = Animal Dead; Not Mated.
b = No Confirmed Date Of Mating
c = Animal Did Not Deliver

APPENDIX QQ - INDIVIDUAL GESTATION BODY WEIGHTS - P2/F2A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 2 - 50 MG/KG						
JAB029	288	313	319	339	370	429
JAB032	340	358	377	377	413	457
JAB276c						
JAB279	287	305	314	326	340	406
JAB104	315	337	348	360	385	436
JAB282	308	348	352	367	388	462
JAB285	319	345	342	360	387	453
JAB288	354	367	373	392	414	407
JAB035	325	345	359	372	384	446
JAB291c						
JAB107	340	350	363	373	393	459
JAB292	367	393	416	434	430	466
JAB295	332	368	373	369	376	417
JAB347	330	347	363	373	400	456
JAB298	297	326	344	359	367	403
JAB299c						
JAB348	337	354	359	372	397	485
JAB277c						
JAB293	368	401	409	424	447	491
JAB037	288	311	312	319	343	407
JAB349	337	360	375	386	420	493
JAB278	309	337	355	370	400	471
JAB300b,c						
JAB034c						
JAB105b						
JAB289c						
JAB297	316	356	366	384	404	461
JAB106	294	317	332	340	361	431
JAB281	333	356	367	371	394	456
JAB290	351	374	388	395	415	469

NOTES: G = Gestation
a = Animal Dead; Not Mated.
b = No Confirmed Date Of Mating
c = Animal Did Not Deliver

APPENDIX QQ - INDIVIDUAL GESTATION BODY WEIGHTS - P2/F2A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 3 - 160 MG/KG						
JAB302	357	358	361	378	387	466
JAB038	312	342	341	349	380	427
JAB110	267	307	318	332	368	432
JAB305	281	303	307	316	347	401
JAB113	306	325	343	357	389	465
JAB116	416	447	453	471	519	598
JAB308c						
JAB311	266	290	301	316	339	401
JAB118c						
JAB314c						
JAB121	314	339	348	364	384	435
JAB124c						
JAB316a						
JAB127c						
JAB130c						
JAB319	307	340	348	371	400	462
JAB322	345	365	387	403	424	467
JAB320	291	323	339	347	358	384
JAB114b,c						
JAB306	327	351	364	383	396	450
JAB313	305	323	336	352	381	441
JAB323	288	319	316	329	357	424
JAB310	250	299	284	308	332	397
JAB117	253	282	292	311	334	391
JAB040	305	335	342	354	382	415
JAB309	293	331	345	358	373	432
JAB039	277	311	323	332	347	410
JAB317	327	357	375	382	410	471
JAB120c						
JAB112	327	352	369	392	408	480

NOTES: G = Gestation
a = Animal Dead; Not Mated.
b = No Confirmed Date Of Mating
c = Animal Did Not Deliver

APPENDIX QQ - INDIVIDUAL GESTATION BODY WEIGHTS - P2/F2A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 4 - 500 MG/KG						
JAB325	348	377	397	414	417	471
JAB133c						
JAB327	266	285	287	301	313	352
JAB041	233	260	270	284	310	350
JAB331c						
JAB135	358	378	387	407	430	464
JAB136	330	338	341	353	353	387
JAB334b,c						
JAB045	265	309	314	331	355	417
JAB335b,c						
JAB050	231	255	267	282	307	335
JAB336	295	315	320	335	360	394
JAB339c						
JAB329	234	259	271	278	286	320
JAB330	231	256	269	276	301	335
JAB343b,c						
JAB046	287	308	315	329	356	405
JAB138c						
JAB043c						
JAB332b,c						
JAB337c						
JAB140c						
JAB328	259	286	298	312	339	380
JAB042b,c						
JAB047b,c						
JAB134	312	341	354	370	386	437
JAB048c						
JAB341	292	311	317	337	360	407
JAB333c						
JAB338b,c						

NOTES: G = Gestation
a = Animal Dead; Not Mated.
b = No Confirmed Date Of Mating
c = Animal Did Not Deliver

APPENDIX RR - INDIVIDUAL LACTATION BODY WEIGHTS - P2/F2A
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 1 - 0 MG/KG						
JAB245b						
JAB248	362	352	356	357	331	330
JAB026	272	281	299	306	327	298
JAB251	416	407	417	408	427	408
JAB095b						
JAB097	336	339	348	356	378	362
JAB254	339	389	377	377	388	375
JAB100	357	352	361	350	392	361
JAB257	306	295	317	328	355	337
JAB260	383	376	370	383	386	405
JAB263	346	350	334	342	379	372
JAB266	293	292	312	316	328	328
JAB269	322	340	341	360	321	335
JAB101	392	397	411	432	431	393
JAB270	400	402	416	418	428	418
JAB273	325	339	345	380	388	358
JAB252	402	392	376	393	407	391
JAB028	333	329	327	335	353	358
JAB275	315	317	338	345	385	408
JAB255	343	339	350	365	378	343
JAB264	300	307	319	328	333	328
JAB267	318	310	333	337	369	355
JAB262	378	373	324	386	395	378
JAB102	368	356	367	381	401	394
JAB246c	354	358				
JAB256	345	346	357	367	380	380
JAB098	415	412	417	401	419	404
JAB249	363	364	358	357	362	356
JAB253	358	360	366	381	383	393
JAB271a						

NOTES: L = Lactation
a = Animal Dead; Not Mated
b = Animal Did Not Deliver
c = No Pups Remain In Litter
NR = Body Weight Not Recorded Due To Technician Oversight

APPENDIX RR - INDIVIDUAL LACTATION BODY WEIGHTS - P2/F2A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 2 - 50 MG/KG						
JAB029	316	318	319	338	354	338
JAE032	344	340	350	351	370	354
JAB276b						
JAB279	307	298	311	311	293	331
JAB104	344	341	351	361	365	350
JAB282	347	346	356	371	392	382
JAB285	346	347	347	383	387	359
JAB288	315	290	308	327	351	355
JAB035	360	362	355	356	373	367
JAB291b						
JAB107	347	358	367	384	397	412
JAB292c	400					
JAB295	369	352	340	359	382	382
JAB347	348	352	358	360	366	376
JAB298	351	347	355	358	393	391
JAB299b						
JAB348	371	359	364	378	393	409
JAB277b						
JAB293	425	414	426	420	417	413
JAB037	312	306	315	341	352	359
JAB349	386	380	397	403	405	410
JAB278	362	357	362	380	380	377
JAB300b						
JAB034b						
JAB105	305	305	317	329	358	355
JAB289b						
JAB297	358	356	353	363	377	338
JAB106	324	319	338	346	374	374
JAB281	377	371	386	393	396	378
JAB290	364	365	378	362	398	411

NOTES: L = Lactation
a = Animal Dead; Not Mated
b = Animal Did Not Deliver
c = No Pups Remain In Litter
NR = Body Weight Not Recorded Due To Technician Oversight

APPENDIX RR - INDIVIDUAL LACTATION BODY WEIGHTS - P2/F2A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 3 - 160 MG/KG						
JAB302	354	360	362	372	382	392
JAB038	341	3[illegible]	357	363	378	383
JAB110	325	331	335	335	360	333
JAB305	299	295	295	308	324	323
JAB113	355	350	356	358	376	359
JAB116	435	442	437	461	424	402
JAB308b						
JAB311	296	302	304	317	337	346
JAB118b						
JAB314b						
JAB121	345	345	338	339	368	360
JAB124b						
JAB316a						
JAB127b						
JAB130b						
JAB319	372	362	367	368	372	381
JAB322	372	372	360	371	377	386
JAB320	344	334	343	352	349	346
JAB114b						
JAB306	345	335	350	342	371	347
JAB313	334	336	332	340	349	355
JAB323	334	327	341	343	374	377
JAB310	283	287	310	323	325	344
JAB117	300	298	303	322	333	318
JAB040	324	332	335	349	367	389
JAB309	326	334	349	357	350	329
JAB039	298	287	331	330	350	360
JAB317	364	357	371	385	386	342
JAB120b						
JAB112	374	371	383	384	388	395

NOTES: L = Lactation
a = Animal Dead; Not Mated
b = Animal Did Not Deliver
c = No Pups Remain In Litter
NR = Body Weight Not Recorded Due To Technician Oversight

APPENDIX RR - INDIVIDUAL LACTATION BODY WEIGHTS - P2/F2A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 4 - 500 MG/KG						
JAB325	375	374	365	368	386	393
JAB133b						
JAB327c	273	267				
JAB041c	262	263				
JAB331b						
JAB135	407	383	390	401	402	404
JAB136	327	333	329	329	330	312
JAB334b						
JAB045	320	318	313	329	347	350
JAB335b						
JAB050c	258	249	252			
JAB336c	312	315				
JAB339b						
JAB329	249	245	255	269	289	301
JAB330c	257	262				
JAB343b						
JAB046	315	306	291	298	326	326
JAB138b						
JAB043b						
JAB332b						
JAB337b						
JAB140b						
JAB328c	292	287				
JAB042b						
JAB047b						
JAB134c	328	327				
JAB048b						
JAB341c	325	319				
JAB333b						
JAB338b						

NOTES: L = Lactation
a = Animal Dead; Not Mated
b = Animal Did Not Deliver
c = No Pups Remain In Litter
NR = Body Weight Not Recorded Due To Technician Oversight

APPENDIX SS - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2B)
(GRAMS)
DOSE: 0MG/KG

TIME=	140 DAYS	147 DAYS	154 DAYS	161 DAYS	168 DAYS
JAB245F	398.4	400.3	386.7	403.7	420.8
JAB248F	367.3	371.9	371.9	387.0	C$
JAB026F	273.6	281.4	278.5	275.9	C$
JAB251F	376.5	394.9	399.1	404.2	C$
JAB095F	438.1	460.2	460.1	470.3	470.0
JAB097F	331.6	341.0	330.4	342.1	C$
JAB254F	364.3	376.1	375.0	C$	
JAB100F	367.7	375.2	363.0	374.2	380.0
JAB257F	295.2	291.5	295.8	C$	
JAB260F	358.0	371.5	374.1	380.1	376.1
JAB263F	352.3	355.2	367.6	366.7	C$
JAB266F	311.2	303.1	304.5	C$	
JAB269F	328.0	331.2	323.3	C$	
JAB101F	366.9	381.2	391.3	392.3	C$
JAB270F	397.6	420.7	415.2	409.7	C$
JAB273F	371.8	371.1	366.2	379.2	C$
JAB252F	383.9	393.9	378.8	375.4	C$
JAB028F	336.7	347.4	331.3	338.2	C$
JAB275F	334.7	343.2	343.1	337.3	C$
JAB255F	342.4	344.0	330.3	342.1	C$
JAB264F	316.3	324.2	316.8	C$	
JAB267F	317.0	317.2	306.6	C$	
JAB262F	342.7	364.0	348.4	360.8	C$
JAB102F	358.0	368.6	366.0	C$	
JAB246F	368.5	373.2	369.6	379.4	410.4
JAB256F	357.2	361.4	355.8	360.4	364.1
JAB098F	381.3	378.6	381.3	C$	
JAB249F	353.1	365.9	354.3	373.6	C$
JAB253F	357.6	345.5	355.0	353.5	C$
JAB271F	X$				
MEAN	353.4	360.5	356.6	371.7	403.6
STD.DEV.	33.3	37.3	38.0	37.4	39.0
N	29	29	29	21	6

APPENDIX SS - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2B) (CON'T)
(GRAMS)
DOSE: 0MG/KG (CON'T)

TIME=	1 7 5 DAYS	1 8 2 DAYS	1 8 9 DAYS	1 9 6 DAYS	2 0 3 DAYS	2 1 0 DAYS	2 1 7 DAYS	2 2 4 DAYS
JAB245F	426.5	C$				449.5	X$	
JAB248F						404.2	399.9	X$
JAB026F						319.4	X$	
JAB251F						409.7	406.8	X$
JAB095F	476.3	476.7	479.9	476.1	475.6	499.2	X$	
JAB097F						355.6	X$	
JAB254F						431.1	X$	
JAB100F	C$					390.1	401.7	X$
JAB257F						315.2	317.1	X$
JAB260F	C$						410.3	X$
JAB263F				373.0	378.2	382.9	X$	
JAB266F				362.7		338.4	326.8	X$
JAB269F						367.3	350.3	X$
JAB101F						430.4	420.8	X$
JAB270F						446.6	437.4	X$
JAB273F						377.4	377.0	X$
JAB252F							380.0	X$
JAB028F						361.9	375.2	X$
JAB275F						384.2	355.7	X$
JAB255F						377.5	381.3	411.8
JAB264F						334.5	X$	
JAB267F				335.9	336.8	343.6	X$	
JAB262F						407.6	345.2	367.4
JAB102F						394.0	392.6	405.7
JAB246F	419.0	411.7	447.6	447.1	408.1	405.7	X$	
JAB256F	C$							392.4
JAB098F						422.2	420.0	444.2
JAB249F						324.1	371.5	380.8
JAB253F						373.6	339.2	347.0
JAB271F								
MEAN	440.6	444.2	463.8	399.0	399.7	386.4	379.4	392.8
STD.DEV.	31.1	46.0	22.8	59.7	58.5	44.6	33.7	31.8
N	3	2	2	5	4	26	19	7

APPENDIX SS - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2B) (CON'T)
(GRAMS)
DOSE: 50MG/KG

TIME=	140 DAYS	147 DAYS	154 DAYS	161 DAYS	168 DAYS
JAB029F	325.2	322.7	316.7	327.0	C$
JAB032F	353.4	350.1	349.7	353.1	C$
JAB276F	346.5	345.3	334.7	339.2	C$
JAB279F	294.6	295.5	300.1	304.3	312.9
JAB104F	345.7	348.2	342.2	C$	
JAB282F	350.8	348.4	342.0	C$	
JAB285F	363.6	370.7	362.2	362.2	C$
JAB288F	353.2	351.8	351.5	360.6	C$
JAB035F	371.1	387.4	381.1	403.3	C$
JAB291F	472.0	491.0	493.9	502.2	505.4
JAB107F	365.7	376.5	365.3	C$	
JAB292F	408.8	422.6	414.1	396.9	406.4
JAB295F	356.1	374.1	365.6	C$	
JAB347F	367.6	370.8	361.4	365.8	C$
JAB298F	360.0	350.7	348.7	351.9	C$
JAB299F	386.9	396.7	390.6	395.8	400.2
JAB348F	386.0	378.6	372.1	382.1	C$
JAB277F	415.8	426.8	406.4	426.6	C$
JAB293F	403.5	411.8	426.5	434.0	453.6
JAB037F	324.6	340.4	326.4	C$	
JAB349F	395.9	398.3	402.9	408.3	C$
JAB278F	358.4	352.4	353.0	355.8	367.4
JAB300F	399.5	411.3	409.8	413.5	404.4
JAB034F	388.6	380.1	370.2	C$	
JAB105F	317.7	314.8	320.2	319.8	C$
JAB289F	438.4	441.8	449.3	C$	
JAB297F	346.0	363.0	362.9	365.6	C$
JAB106F	327.0	327.7	331.5	324.6	C$
JAB281F	374.7	379.5	378.5	376.8	C$
JAB290F	379.5	389.6	379.5	391.6	C$
MEAN	369.2	374.2	370.3	376.6	407.2
STD.DEV.	37.0	40.5	41.4	44.2	61.0
N	30	30	30	23	7

APPENDIX SS - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2B) (CON'T)
(GRAMS)
DOSE: 50MG/KG (CON'T)

TIME=	1 7 5 DAYS	1 8 2 DAYS	1 8 9 DAYS	1 9 6 DAYS	2 0 3 DAYS	2 1 0 DAYS	2 1 7 DAYS	2 2 4 DAYS
JAB029F						343.8	351.7	X$
JAB032F						391.9	371.5	X$
JAB276F				347.1	346.6	360.3	X$	
JAB279F	330.4	402.6	L$			331.5	324.6	X$
JAB104F						388.8	X$	
JAB282F				380.8	377.7	385.8	X$	
JAB285F				372.5	371.0	373.1	X$	
JAB288F						367.1	377.7	X$
JAB035F							392.8	X$
JAB291F	496.4	C$				530.4	X$	
JAB107F						388.1	394.5	X$
JAB292F	C$						425.6	X$
JAB295F						382.4	391.8	X$
JAB347F						378.9	395.6	X$
JAB298F				353.0	346.0	344.1	X$	
JAB299F	412.7	412.0	430.3	406.0	410.3	422.7	X$	
JAB348F						424.7	439.2	X$
JAB277F				439.6	447.2	454.5	X$	
JAB293F	479.5	581.9	L$			456.3	452.8	X$
JAB037F						364.2	X$	
JAB349F						434.4	447.0	X$
JAB278F	374.3	C$						407.1
JAB300F	433.2	446.9	C$				X$	
JAB034F				406.3	412.9	424.6	X$	
JAB105F						336.7	338.0	X$
JAB289F						380.6	435.9	448.8
JAB297F						374.0	373.6	379.8
JAB106F						362.6	356.0	375.2
JAB281F				395.3	403.8	413.4	X$	
JAB290F						417.2	395.6	422.0
MEAN	421.1	460.9	430.3	387.6	389.4	393.5	392.0	406.6
STD.DEV.	62.8	82.9	N/A	30.6	35.3	44.2	38.2	30.5
N	6	4	1	8	8	26	17	5

APPENDIX SS - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2B) (CON'T)
(GRAMS)
DOSE: 160MG/KG

TIME=	140 DAYS	147 DAYS	154 DAYS	161 DAYS	168 DAYS
JAB302F	377.1	373.3	373.4	383.7	C$
JAB038F	347.9	356.3	356.4	C$	
JAB110F	323.9	330.5	330.6	331.6	C$
JAB305F	309.0	315.3	306.2	314.[illegible]	C$
JAB113F	339.8	338.0	341.1	344.3	C$
JAB116F	411.3	432.7	441.0	C$	
JAB308F	384.7	379.6	371.7	364.2	C$
JAB311F	301.2	312.6	316.8	312.7	C$
JAB118F	352.1	361.7	365.8	363.2	C$
JAB314F	380.0	403.2	378.1	414.7	435.8
JAB121F	337.8	346.1	352.4	361.1	C$
JAB124F	360.0	367.6	371.7	382.8	383.2
JAB316F	X$				
JAB127F	297.7	306.5	312.3	309.3	C$
JAB130F	415.9	426.6	429.2	42[illegible]	C$
JAB319F	357.7	355.0	369.6	C$	
JAB322F	377.0	391.2	399.7	3[illegible].2	C$
JAB320F	328.2	323.5	327.9	333.2	C$
JAB114F	327.4	323.6	333.1	335.2	C$
JAB306F	366.9	366.0	380.2	391.2	405.2
JAB313F	353.7	360.4	355.3	361.5	C$
JAB323F	346.1	312.1	324.8	C$	
JAB310F	324.1	331.5	334.5	330.8	C$
JAB117F	307.1	306.7	313.3	306.0	C$
JAB040F	347.2	354.7	342.5	345.8	C$
JAB309F	340.1	353.5	342.5	C$	
JAB039F	316.1	305.2	322.0	312.5	C$
JAB317F	351.4	366.0	373.9	386.6	C$
JAB120F	356.0	358.4	364.6	C$	
JAB112F	365.9	372.6	379.1	375.8	C$
MEAN	348.4	352.8	355.5	355.8	408.1
STD.DEV.	29.8	33.9	33.0	34.9	26.4
N	29	29	29	23	3

APPENDIX SS - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2B) (CON'T)
(GRAMS)
DOSE: 160MG/KG (CON'T)

TIME=	1 7 5 DAYS	1 8 2 DAYS	1 8 9 DAYS	1 9 6 DAYS	2 0 3 DAYS	2 1 0 DAYS	2 1 7 DAYS	2 2 4 DAYS
JAB302F						401.8	397.6	X$
JAB038F						389.2	X$	
JAB110F						332.2	348.2	X$
JAB305F						322.9	317.2	X$
JAB113F						366.0	362.6	X$
JAB116F						458.8	467.3	X$
JAB308F						356.9	378.8	X$
JAB311F						339.4	331.0	X$
JAB118F				356.6	354.0	365.6	X$	
JAB314F	435.5	435.5	449.6	434.6	448.4	468.7	X$	
JAB121F						363.6	357.5	X$
JAB124F	381.7	C$				403.0	X$	
JAB316F								
JAB127F						340.0	320.2	X$
JAB130F							406.0	X$
JAB319F						397.2	397.4	X$
JAB322F				409.2	410.4	419.0	X$	
JAB320F						363.3	358.3	X$
JAB114F				337.6	333.5	338.0	X$	
JAB306F	C$			410.8	428.5	42[illegible].9	X$	
JAB313F						38[illegible].2	388.7	X$
JAB323F				354.5	363.8	36[illegible].8	X$	
JAB310F				339.8	360.6	365.3	X$	
JAB117F				311.3	234.8	266.0	X$	
JAB040F						401.1	369.3	401.5
JAB309F						373.9	370.0	389.5
JAB039F						359.9	350.8	344.7
JAB317F				411.5	406.2	427.4	X$	
JAB120F				386.7	391.9	404.3	X$	
JAB112F						326.3	394.9	403.5
MEAN	408.6	435.5	449.6	375.3	373.2	375.8	371.5	384.8
STD.DEV.	38.0	N/A	N/A	40.7	60.4	43.2	36.5	27.4
N	2	1	1	10	10	28	17	4

APPENDIX SS - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2B) (CON'T)
(GRAMS)
DOSE: 500MG/KG

TIME=	1 4 0 DAYS	1 4 7 DAYS	1 5 4 DAYS	1 6 1 DAYS	1 6 8 DAYS
JAB325F	400.7	417.1	423.3	421.2	425.1
JAB133F	376.3	406.4	399.4	412.3	C$
JAB327F	313.1	316.7	321.8	318.8	C$
JAB041F	280.3	275.5	268.7	270.7	C$
JAB331F	335.3	350.0	348.4	357.8	362.9
JAB135F	392.8	405.6	399.7	C$	
JAB136F	343.5	358.0	364.3	364.1	367.5
JAB334F	325.1	347.2	356.8	355.8	364.1
JAB045F	316.3	324.0	325.3	C$	
JAB335F	242.4	246.3	247.7	245.5	247.5
JAB050F	265.2	269.3	271.6	267.0	295.5
JAB336F	341.0	345.9	337.9	C$	
JAB339F	351.3	356.5	364.2	357.1	C$
JAB329F	268.3	276.2	274.4	271.7	C$
JAB330F	263.1	275.8	271.6	C$	
JAB342F	342.9	348.5	354.6	358.0	366.3
JAB046F	312.7	327.6	333.5	339.2	347.3
JAB138F	379.1	392.7	395.4	391.0	399.4
JAB043F	315.2	313.3	312.9	311.1	C$
JAB332F	281.1	285.7	291.8	295.7	302.0
JAB337F	290.0	299.0	298.9	294.3	C$
JAB140F	344.1	358.3	359.4	C$	
JAB328F	299.9	309.1	300.1	296.4	C$
JAB042F	382.3	392.6	395.2	406.2	404.9
JAB047F	303.4	321.2	318.6	320.2	332.1
JAB134F	360.8	370.2	360.6	353.7	366.7
JAB048F	376.3	389.9	393.6	387.4	394.9
JAB341F	363.4	350.0	346.0	342.0	354.3
JAB333F	333.1	346.6	349.8	343.0	C$
JAB338F	349.6	359.1	360.3	353.2	359.2
MEAN	328.3	337.8	338.2	337.3	355.6
STD.DEV.	42.0	45.1	45.7	47.6	44.7
N	30	30	30	25	16

APPENDIX SS - INDIVIDUAL WEEKLY BODY WEIGHTS - P2 FEMALES (F2B) (CON'T)
(GRAMS)
DOSE: 500MG/KG (CON'T)

TIME=	1 7 5 DAYS	1 8 2 DAYS	1 8 9 DAYS	1 9 6 DAYS	2 0 3 DAYS	2 1 0 DAYS	2 1 7 DAYS	2 2 4 DAYS
JAB325F	419.2	C$				462.7	X$	
JAB133F				438.7	453.5	439.6	X$	
JAB327F				328.0	354.1	347.0	X$	
JAB041F				270.6	273.9	272.3	X$	
JAB331F	361.1	370.6	368.5	360.7	359.6	365.5	X$	
JAB135F				419.6	422.0	439.1	X$	
JAB136F	C$				398.2	412.6	X$	
JAB334F	364.1	362.7	360.2	367.0	367.4	381.8	X$	
JAB045F						356.6	361.4	X$
JAB335F	255.7	258.5	259.0	251.3	253.7	265.4	X$	
JAB050F	C$				257.9	250.3	X$	
JAB336F			360.3	358.9	369.4	365.5	X$	
JAB339F			372.4	364.0	378.8	381.6	375.7	X$
JAB329F			265.6	276.5	275.3	283.9	279.8	X$
JAB330F			289.5	297.3	293.0	289.0	290.9	X$
JAB343F	383.0	361.0	373.0	371.6	366.2	380.9	380.9	X$
JAB046F	349.8	C$				365.4	370.7	X$
JAB138F	399.3	C$				391.6	389.7	X$
JAB043F				318.5	334.0	344.8	341.2	X$
JAB332F	305.0	C$				310.6	289.7	X$
JAB337F			311.2	311.1	305.2	311.6	307.1	X$
JAB140F				362.3	358.9	365.5	X$	
JAB328F			323.5	325.6	319.2	329.6	328.6	X$
JAB042F	395.4	397.9	403.5	409.9	410.2	426.5	420.7	X$
JAB047F	329.1	325.1	334.8	334.5	342.8	351.9	344.4	X$
JAB134F	388.3	416.8	360.8	364.0	371.8	363.0	365.4	362.3
JAB048F	396.6	385.3	392.9	387.9	404.3	418.7	415.4	437.9
JAB341F	365.2	364.8	370.3	352.3	356.7	365.0	363.8	376.5
JAB333F				368.5	373.5	381.7	381.4	392.4
JAB338F	357.3	342.8	354.5	358.3	366.6	376.6	376.4	395.0
MEAN	361.4	358.6	343.8	347.7	350.6	359.9	354.6	392.8
STD.DEV.	42.4	43.8	43.0	46.5	51.5	53.4	41.5	28.4
N	14	10	16	23	25	30	18	5

NOTE: $ - VALUE EXCLUDED
N - NOT MEASURED
X - ANIMAL DEAD
C - ANIMAL CONFIRMED MATED, SEE GESTATION BODY WEIGHTS.
L - SEE LACTATION BODY WEIGHTS

APPENDIX TT - INDIVIDUAL GESTATION BODY WEIGHTS - P2/F2B
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 1 - 0 MG/KG						
JAB245	426	448	461	476	519	586
JAB248	387	414	428	438	455	522
JAB026	271	302	309	325	363	427
JAB251	399	427	436	457	478	554
JAB095a,b						
JAB097	339	371	381	390	433	501
JAB254	382	416	452	458	491	515
JAB100c						
JAB257	305	323	335	346	358	411
JAB260	384	431	438	451	485	561
JAB263b						
JAB266	311	330	344	364	382	436
JAB269	336	361	380	388	417	465
JAB101	394	430	441	453	489	547
JAB270	423	447	461	477	521	605
JAB273	379	386	399	421	438	529
JAB252	374	397	417	428	446	513
JAB028	343	378	395	410	439	503
JAB275	330	362	366	381	399	449
JAB255	342	360	366	371	406	476
JAB264	319	338	357	367	401	448
JAB267b						
JAB262	394	407	422	434	459	535
JAB102	374	379	396	411	456	502
JAB246a,b						
JAB256	367	386	398	411	448	491
JAB098	390	433	456	472	491	552
JAB249	373	394	401	414	430	491
JAB253	367	399	411	424	447	520
JAB271d						

NOTES: G = Gestation
a = No confirmed date of mating
b = Animal did not deliver
c = Animal delivered prior to Day 21G
d = Animal dead
e = Not recorded due to technician oversight

APPENDIX TT - INDIVIDUAL GESTATION BODY WEIGHTS - P2/F2B (CONT.)
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 2 - 50 MG/KG						
JAB029	314	345	360	373	402	459
JAB032	356	383	400	416	440	495
JAB276b						
JAB279a						
JAB104	356	367	389	395	429	495
JAB282b						
JAB285b						
JAB288	358	380	352	393	407	475
JAB035	410	436	453	455	477	531
JAB291b						
JAB107	365	377	407	405	429	454
JAB292	397	446	471	488	513	582
JAB295	371	392	419	425	449	477
JAB347	378	390	397	408	422	488
JAB298b						
JAB299a,b						
JAB348	381	420	425	435	479	545
JAB277b						
JAB293a						
JAB037	345	373	388	399	436	500
JAB349	405	427	438	447	471	554
JAB278	369	382	393	412	435	497
JAB300b						
JAB034b						
JAB105	321	345	352	364	395	464
JAB289	457	482	509	511	541	584
JAB297	359	401	415	426	443	503
JAB106	334	371	379	389	424	497
JAB281b						
JAB290	394	426	429	443	462	513

NOTES: G = Gestation
a = No confirmed date of mating
b = Animal did not deliver
c = Animal delivered prior to Day 21G
d = Animal dead
e = Not recorded due to technician oversight

APPENDIX TT - INDIVIDUAL GESTATION BODY WEIGHTS - P2/F2B (CONT.)
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 3 - 160 MG/KG						
JAB302	376	388	398	415	434	523
JAB038	365	369	394	400	435	477
JAB110	324	353	360	377	407	471
JAB305	304	337	344	351	371	435
JAB113	337	363	381	394	413	486
JAB116	457	469	489	504	535	554
JAB308	352	388	390	402	408	465
JAB311	314	341	346	363	386	464
JAB118b						
JAB314a,b						
JAB121	359	386	398	414	432	477
JAB124b						
JAB316d						
JAB127	310	337	343	350	373	4[illegible]
JAB130	438	469	485	464	508	57[illegible]
JAB319	369	387	407	416	467	52[illegible]
JAB322b						
JAB320	328	361	371	388	398	487
JAB114b						
JAB306b						
JAB313	354	378	391	409	439	487
JAB323b						
JAB310b						
JAB117b						
JAB040	352	380	388	408	424	489
JAB309	344	371	397	406	434	486
JAB039	301	342	343	352	369	(e)
JAB317b						
JAB120b						
JAB112	381	400	420	440	464	536

NOTES: G = Gestation
a = No confirmed date of mating
b = Animal did not deliver
c = Animal delivered prior to Day 21G
d = Animal dead
e = Not recorded due to technician oversight

APPENDIX TT - INDIVIDUAL GESTATION BODY WEIGHTS - P2/F2B (CONT.)
(GRAMS)

P.I.N. NUMBER	DAY 0G	DAY 6G	DAY 9G	DAY 12G	DAY 16G	DAY 20G
GROUP 4 - 500 MG/KG						
JAB325b						
JAB133	402	444	460	462	464	486
JAB327	307	333	340	345	361	401
JAB041b						
JAB331a,b						
JAB135b						
JAB136b						
JAB334a,b						
JAB045	332	357	370	381	411	461
JAB335a,b						
JAB050b						
JAB336	334	355	379	383	393	404
JAB339	356	382	400	410	438	480
JAB329	273	301	308	314	331	362
JAB330	266	287	305	310	344	372
JAB343a,b						
JAB046b						
JAB138b						
JAB043b						
JAB332b						
JAB337	296	320	328	338	355	384
JAB140b						
JAB328	302	332	338	349	372	417
JAB042a,b						
JAB047a,b						
JAB134a						
JAB048a,b						
JAB341a,b						
JAB333b						
JAB338a,b						

NOTES: G = Gestation
a = No confirmed date of mating
b = Animal did not deliver
c = Animal delivered prior to Day 21G
d = Animal dead
e = Not recorded due to technician oversight

APPENDIX UU - INDIVIDUAL LACTATION BODY WEIGHTS - P2/F2B
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 1 - 0 MG/KG						
JAB245b	445	442				
JAB248	425	421	417	414	423	417
JAB026	321	319	329	340	335	364
JAB251	458	466	454	468	467	396
JAB095a						
JAB097	384	369	407	353	396	404
JAB254	441	435	433	446	426	431
JAB100	393	405	391	398	411	424
JAB257	297	309	323	327	334	357
JAB260	437	436	433	436	436	444
JAB263a						
JAB266	357	351	348	352	361	363
JAB269	375	384	400	406	400	388
JAB101	429	448	466	464	486	464
JAB270	459	452	450	455	463	451
JAB273	387	384	387	392	369	358
JAB252	423	429	419	402	436	420
JAB028	388	384	370	371	375	378
JAB275	349	366	376	382	378	383
JAB255	361	370	389	384	415	426
JAB264	345	344	351	346	351	354
JAB267a						
JAB262	421	422	421	416	428	388
JAB102	400	406	424	440	426	437
JAB246a						
JAB256	383	384	404	408	427	408
JAB098	473	477	471	462	483	446
JAB249	403	404	371	386	390	386
JAB253	392	370	415	385	407	422
JAB271c						

NOTES: L = Lactation
a = Animal did not deliver
b = No pups remain
c = Animal dead
d = Not recorded due to technician oversight

APPENDIX UU - INDIVIDUAL LACTATION BODY WEIGHTS - P2/F2B (CONT.)
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 2 - 50 MG/KG						
JAB029	365	363	362	354	377	352
JAB032	382	384	384	389	393	386
JAB276a						
JAB279	306	318	335	343	370	348
JAB104	374	365	375	389	405	416
JAB282a						
JAB285a						
JAB288	360	351	312	375	398	382
JAB035	408	417	435	419	417	409
JAB291a						
JAB107	410	411	417	414	410	425
JAB292	466	(d)	464	479	459	438
JAB295	420	407	405	404	408	419
JAB347	381	384	404	398	404	365
JAB298a						
JAB299a						
JAB348	403	407	410	406	434	440
JAB277a						
JAB293	456	447	462	467	476	499
JAB037	378	379	379	377	382	401
JAB349	446	440	465	452	465	426
JAB27[illegible]	409	403	40[illegible]	403	417	430
JAB300a						
JAB034a						
JAB105	342	348	349	352	360	335
JAB289	476	458	478	468	419	435
JAB297	406	407	401	394	419	404
JAB106	377	377	352	382	395	401
JAB281a						
JAB290	404	406	420	420	416	403

NOTES: L = Lactation
a = Animal did not deliver
b = No pups remain
c = Animal dead
d = Not recorded due to technician oversight

APPENDIX UU - INDIVIDUAL LACTATION BODY WEIGHTS - P2/F2B (CONT.)
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 3 - 160 MG/KG						
JAB302	404	399	402	349	422	381
JAB038	384	396	415	417	413	427
JAB110	368	364	373	376	392	375
JAB305	325	327	334	296	358	334
JAB113	383	394	395	399	411	360
JAB116	514	507	493	488	480	457
JAB308	375	378	373	341	386	417
JAB311	353	345	351	347	362	379
JAB118a						
JAB314a						
JAB121	406	393	385	394	400	354
JAB124a						
JAB316c						
JAB127	345	348	360	360	373	326
JAB130	451	446	445	418	429	441
JAB319	411	413	417	416	427	415
JAB322a						
JAB320	382	383	383	392	402	395
JAB114a						
JAB306a						
JAB313	411	410	386	383	382	391
JAB323a						
JAB310a						
JAB117a						
JAB040	382	378	393	390	411	375
JAB309	380	375	386	383	394	395
JAB039	329	330	361	334	379	406
JAB317a						
JAB120a						
JAB112	422	434	435	437	425	363

NOTES: L = Lactation
a = Animal did not deliver
b = No pups remain
c = Animal dead
d = Not recorded due to technician oversight

APPENDIX UU - INDIVIDUAL LACTATION BODY WEIGHTS - P2/F2B (CONT.)
(GRAMS)

P.I.N. NUMBER	DAY 0L	DAY 1L	DAY 4L	DAY 7L	DAY 14L	DAY 21L
GROUP 4 - 500 MG/KG						
JAB325a						
JAB133b						
JAB327b	317	314				
JAB041a						
JAB331a						
JAB135a						
JAB136a						
JAB334a						
JAB045	370	368	361	359	373	382
JAB335a						
JAB050a						
JAB336b	356	352				
JAB339b	370	371				
JAB329b	281	273				
JAB330b	285	287				
JAB343a						
JAB046a						
JAB138a						
JAB043a						
JAB332a						
JAB337b	321	308				
JAB140a						
JAB328b	326	321				
JAB042a						
JAB047a						
JAB134b	353	347				
JAB048a						
JAB341a						
JAB333a						
JAB338a						

NOTES: L = Lactation
a = Animal did not deliver
b = No pups remain
c = Animal dead
d = Not recorded due to technician oversight

APPENDIX VV - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 MALES
(GRAMS)
DOSE: 0MG/KG

TIME=	1	2	3	4	5	6	7	8	9	10	15	16	17
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
JAB141M	150.4	168.4	184.8	192.5	190.2	195.4	172.4	198.7	193.9	193.4	192.2	199.8	201.9
JAB144M	154.3	176.3	190.1	199.9	199.0	205.7	167.3	201.0	194.6	188.1	188.9	192.2	197.4
JAB001M	153.8	172.3	177.8	182.0	183.0	191.1	166.2	189.5	$S	190.2	$S	164.4	176.9
JAB147M	168.9	187.6	210.2	209.1	213.5	223.4	201.9	217.5	217.9	226.0	223.1	217.7	212.7
JAB051M	138.5	147.0	143.7	166.3	160.0	164.6	135.7	156.9	173.1	175.0	155.8	164.4	162.3
JAB052M	176.5	195.7	201.9	199.9	196.6	209.4	195.1	192.2	204.2	217.3	202.3	200.2	205.8
JAB149M	157.8	181.9	189.4	196.4	202.1	199.9	181.9	195.6	201.2	201.8	204.1	207.5	203.8
JAB055M	145.3	158.1	178.5	184.0	178.6	181.5	164.3	183.3	182.1	181.4	183.8	169.5	165.3
JAB152M	113.9	153.8	164.0	176.1	173.5	180.2	178.3	187.1	183.8	185.3	180.0	167.0	164.6
JAB155M	173.5	202.3	212.6	202.8	219.3	234.7	228.6	240.1	254.1	256.4	215.6	219.8	226.2
JAB158M	138.7	168.3	178.2	187.7	182.8	185.3	180.8	194.7	198.9	188.9	203.2	196.2	207.7
JAB161M	152.3	172.2	186.2	193.7	192.5	206.6	199.5	203.4	204.5	197.3	208.3	201.2	199.9
JAB164M	158.3	185.2	205.4	210.6	205.6	208.3	193.1	204.2	200.7	200.5	223.4	208.3	203.2
JAB058M	163.2	191.5	201.2	201.5	202.3	206.6	193.7	211.4	210.5	196.0	204.8	233.3	200.3
JAB167M	179.5	205.3	227.0	230.7	221.1	224.1	212.0	221.1	215.7	213.0	223.4	219.5	225.8
JAB170M	155.2	186.2	196.8	204.9	202.5	203.8	201.5	215.2	212.9	213.4	210.4	208.3	216.7
JAB162M	158.2	179.4	187.1	197.1	198.4	194.4	186.4	202.2	200.9	200.4	209.4	206.5	200.6
JAB002M	170.6	191.8	209.3	212.6	209.2	211.6	212.4	216.7	224.0	221.9	$S	$S	203.3
JAB059M	168.8	187.7	195.4	199.8	194.6	212.1	193.6	208.0	198.3	196.7	194.9	194.2	191.8
JAB146M	150.4	175.4	198.3	153.9	173.5	187.4	176.6	177.2	179.5	205.6	188.3	178.3	179.6
JAB143M	152.3	175.1	183.6	186.5	188.5	199.3	186.0	198.2	198.2	202.0	203.4	197.7	199.3
JAB172M	148.9	169.6	193.1	198.4	191.3	208.2	$S	203.4	$S	200.4	195.9	188.2	193.8
JAB156M	165.0	188.6	197.3	201.6	189.6	203.3	192.2	202.6	200.2	199.2	200.9	191.3	194.7
JAB053M	152.5	239.3	181.6	183.4	185.9	200.9	191.7	194.1	203.0	205.0	199.7	203.3	201.1
JAB168M	171.2	190.1	203.0	203.9	199.7	205.3	204.5	214.6	213.2	211.9	220.5	200.6	208.6
JAB160M	123.2	146.6	163.1	167.6	161.6	173.9	179.0	187.6	181.8	185.1	174.5	169.7	186.0
JAB145M	138.6	176.5	200.5	207.0	204.8	219.9	205.7	207.0	201.7	207.3	201.3	198.0	191.7
JAB166M	145.7	178.9	194.3	199.4	191.4	196.2	173.0	202.9	153.1	183.0	195.1	189.2	201.0
JAB060M	156.4	187.1	201.5	204.1	195.1	209.5	184.1	$S	$S	214.3	195.1	201.2	193.1
JAB154M	129.7	164.9	185.6	199.2	198.7	205.2	187.8	193.7	191.7	194.3	192.2	191.6	183.8
MEAN	153.7	180.1	191.4	195.1	193.5	201.6	187.8	200.7	199.8	201.7	199.7	195.8	196.6
STD.DEV.	15.4	18.3	16.5	15.4	14.6	15.1	18.1	15.4	18.6	16.1	15.4	17.3	15.8
N	30	30	30	30	30	30	29	29	27	30	28	29	30

APPENDIX VV - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 MALES (CON'T)
(GRAMS)
DOSE: 0MG/KG (CON'T)

TIME=	1 8	1 9	2 0	2 1	2 2	2 8	2 9	3 0
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
JAB141M	190.5	190.4	194.8	193.9	195.6	191.2	191.6	$X
JAB144M	193.7	187.7	181.6	191.8	196.6	193.4	198.8	$X
JAB001M	176.9	171.0	176.1	180.5	179.5	173.8	176.7	$X
JAB147M	222.3	212.9	208.5	223.4	231.1	208.1	216.7	$X
JAB051M	172.8	187.0	164.9	173.1	172.4	166.6	173.2	$X
JAB052M	207.4	207.9	214.2	208.7	204.8	216.0	$S	$X
JAB149M	200.9	196.6	204.1	201.1	201.1	181.1	205.5	$X
JAB055M	160.9	176.8	184.7	186.8	179.2	172.4	164.8	$X
JAB152M	172.2	170.3	165.1	172.2	175.0	155.9	174.6	$X
JAB155M	218.8	234.3	232.2	223.9	238.3	236.0	225.9	$X
JAB158M	203.6	201.6	195.0	194.4	198.1	199.4	188.8	200.4
JAB161M	191.7	196.9	194.4	194.6	198.7	189.8	192.9	192.0
JAB164M	195.0	203.5	202.9	205.4	184.6	209.1	214.2	204.2
JAB058M	195.7	200.0	201.6	189.4	199.6	204.6	206.0	201.3
JAB167M	216.4	$N	214.2	217.9	215.7	231.5	232.4	220.2
JAB170M	201.1	199.8	203.0	200.9	203.9	196.5	197.1	195.6
JAB162M	199.8	204.6	187.8	201.2	199.8	193.4	191.5	176.2
JAB002M	$S	212.7	235.7	$S	194.8	183.7	203.5	200.6
JAB059M	192.1	203.6	198.7	202.7	198.1	202.4	214.3	204.8
JAB146M	196.2	185.8	189.2	123.4	199.3	123.6	151.8	$S
JAB143M	191.3	195.8	$S	190.2	192.6	194.3	191.1	199.0
JAB172M	190.8	201.5	199.3	201.1	197.3	204.1	191.4	199.0
JAB156M	191.6	200.5	188.1	196.2	193.4	205.2	211.0	202.0
JAB053M	192.7	198.9	197.3	202.8	197.7	198.6	211.8	204.4
JAB168M	198.5	205.4	204.0	208.8	205.8	208.0	207.1	214.4
JAB160M	174.7	185.1	182.3	160.0	168.2	181.2	169.5	177.2
JAB145M	192.4	192.8	199.6	191.8	190.1	194.6	204.8	200.5
JAB166M	195.7	198.1	203.5	176.3	203.2	177.5	186.6	199.8
JAB060M	192.4	201.5	188.9	220.3	199.5	213.8	212.4	203.9
JAB154M	184.4	135.1	173.0	179.9	179.0	197.2	184.2	176.1
MEAN	193.5	196.8	196.0	193.5	196.4	193.4	196.2	198.5
STD.DEV.	13.6	13.1	16.5	20.5	15.1	21.9	18.8	11.5
N	29	29	29	29	30	30	29	19

APPENDIX VV - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 MALES (CON'T)
(GRAMS)
DOSE: 50MG/KG

TIME=	1 WEEKS	2 WEEKS	3 WEEKS	4 WEEKS	5 WEEKS	6 WEEKS	7 WEEKS	8 WEEKS	9 WEEKS	10 WEEKS	15 WEEKS	16 WEEKS	17 WEEKS
JAB004M	144.3	168.0	177.6	177.1	174.7	180.4	168.3	176.7	174.8	184.3	183.8	180.5	178.5
JAB007M	164.1	176.6	187.9	186.0	181.4	196.7	182.0	197.1	185.0	185.0	198.8	185.1	187.9
JAB173M	159.9	184.6	195.1	193.4	194.9	198.5	182.4	199.1	204.1	197.8	199.0	190.8	191.8
JAB176M	155.3	171.4	177.5	185.2	185.9	193.0	183.9	192.8	181.9	182.9	176.2	176.4	175.6
JAB061M	170.0	189.9	192.6	198.2	210.8	216.5	188.9	214.6	203.0	203.6	207.6	202.7	202.4
JAB179M	158.9	182.7	183.0	186.2	$X	$X	$X	$X	$X	$X	$X	$X	$X
JAB182M	122.3	161.8	175.5	180.5	180.3	197.5	175.9	192.6	188.6	$S	$S	196.2	194.4
JAB185M	166.9	198.7	208.4	204.0	195.8	205.7	186.2	189.5	136.6	177.9	193.2	192.2	178.6
JAB010M	150.7	174.3	183.2	187.4	189.3	188.8	173.4	188.5	181.8	181.7	189.2	181.6	182.5
JAB188M	164.5	198.8	201.7	203.8	203.4	205.1	189.9	207.0	204.2	202.7	212.5	206.4	204.7
JAB064M	177.1	189.0	192.5	196.9	184.3	182.5	167.5	190.9	185.0	186.3	190.4	191.6	189.6
JAB191M	174.0	200.8	217.6	214.1	211.8	205.4	191.7	238.4	235.4	229.1	235.7	233.6	232.9
JAB194M	153.8	177.1	195.3	205.6	195.2	197.8	189.9	191.0	197.4	193.4	186.7	194.1	192.4
JAB344M	121.2	151.2	163.9	185.2	186.2	191.2	181.1	187.9	187.2	$S	$S	$S	290.1
JAB197M	134.6	156.4	168.6	171.0	169.3	177.9	165.7	176.0	171.9	174.6	180.3	175.5	173.5
JAB199M	147.0	174.1	192.1	199.8	190.7	252.0	440.5	201.1	199.6	195.2	195.2	187.0	197.4
JAB201M	151.7	178.2	184.5	198.0	200.9	206.4	190.0	206.9	205.2	202.7	197.0	$S	204.0
JAB189M	159.9	191.9	210.3	221.2	216.3	221.4	209.9	229.3	223.9	229.3	223.2	230.2	232.7
JAB200M	142.6	162.2	179.0	178.7	177.2	186.1	180.7	188.2	188.2	186.5	195.4	198.9	191.5
JAB174M	160.2	180.7	193.1	198.9	194.8	203.2	184.4	198.3	194.8	$S	184.0	194.3	192.6
JAB184M	145.0	178.3	195.5	201.4	191.5	200.0	191.0	$S	$S	207.0	$S	210.5	196.8
JAB196M	157.5	186.2	203.1	208.8	210.2	215.2	199.8	210.1	208.5	210.2	208.7	211.8	211.4
JAB008M	154.2	166.2	179.2	187.0	188.5	185.5	178.9	186.4	$S	187.0	189.1	192.2	189.1
JAB175M	153.8	174.9	187.5	194.0	185.6	191.5	182.9	196.4	189.6	198.4	191.1	190.6	190.1
JAB009M	153.3	178.1	184.4	184.9	186.3	193.1	185.2	188.7	195.9	193.9	196.4	200.0	197.1
JAB198M	143.5	166.6	176.2	181.8	176.5	179.3	178.7	180.0	169.6	180.4	186.9	185.0	184.8
JAB187M	173.3	195.6	206.8	211.0	193.7	198.7	185.3	195.1	194.1	182.6	181.0	183.9	181.8
JAB177M	158.8	176.7	183.0	181.4	186.4	196.8	175.5	190.5	184.7	185.9	186.7	187.0	187.3
JAB193M	160.0	188.9	201.1	200.0	198.7	224.5	191.4	201.8	205.2	202.0	206.4	209.1	220.7
JAB181M	152.7	176.7	192.6	204.1	208.3	214.5	216.4	223.2	221.0	215.8	220.3	228.1	225.0
MEAN	154.4	178.6	189.6	194.2	192.0	200.2	193.7	197.8	193.2	195.2	196.7	196.9	199.2
STD.DEV.	13.2	12.5	12.7	12.1	12.0	15.8	48.7	14.8	19.2	14.6	14.4	15.6	23.5
N	30	30	30	30	29	29	29	28	27	26	26	27	29

APPENDIX VV - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 MALES (CON'T)
(GRAMS)
DOSE: 50MG/KG (CON'T)

TIME=	1 8	1 9	2 0	2 1	2 2	2 8	2 9	3 0
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
JAB004M	171.5	183.0	180.1	189.7	179.9	183.8	176.7	$X
JAB007M	186.2	187.8	187.1	187.4	190.6	193.3	190.0	$X
JAB173M	186.3	189.4	193.0	194.9	184.0	195.1	186.3	$X
JAB176M	175.1	173.8	178.4	172.9	176.0	189.7	176.8	$X
JAB061M	200.7	195.1	194.9	196.7	196.0	202.1	193.8	$X
JAB179M	$X	$X	$X	$X	$X	$X	$X	$X
JAB182M	196.3	197.9	196.5	203.0	188.1	201.1	186.8	$X
JAB185M	186.9	190.7	192.4	141.1	157.1	149.2	156.6	$X
JAB010M	171.8	169.5	171.4	172.6	172.2	193.2	184.4	$X
JAB188M	209.6	207.5	207.1	212.2	218.6	219.7	225.1	$X
JAB064M	185.8	185.8	182.5	194.3	191.5	189.6	204.2	$X
JAB191M	226.6	221.1	218.3	225.5	219.7	220.5	219.3	200.5
JAB194M	193.0	198.3	203.8	197.5	188.9	201.2	193.5	194.8
JAB344M	$S	185.9	186.6	192.9	$S	185.8	183.4	187.2
JAB197M	172.9	179.6	177.4	184.4	178.2	178.4	171.0	167.9
JAB199M	195.3	195.7	190.4	199.4	200.7	207.3	201.4	189.9
JAB201M	203.5	208.5	228.7	$S	210.2	225.9	222.6	222.6
JAB189M	216.3	213.0	223.8	216.3	205.9	223.9	224.5	218.1
JAB200M	192.9	199.6	195.9	203.5	195.1	194.9	195.5	199.1
JAB174M	193.3	202.6	184.7	175.1	184.7	194.8	189.0	181.6
JAB184M	196.3	202.8	205.1	212.3	205.2	202.7	204.4	205.8
JAB196M	211.4	216.4	217.1	214.2	217.3	221.3	214.2	216.0
JAB008M	186.0	193.7	181.1	176.9	175.2	183.2	182.5	181.8
JAB175M	180.0	177.6	181.1	179.5	180.9	177.5	178.0	172.9
JAB009M	191.3	198.3	193.8	199.1	179.8	205.7	209.6	202.1
JAB198M	182.8	189.9	185.9	189.4	183.4	190.7	196.5	188.1
JAB187M	182.5	183.6	191.1	191.2	186.8	189.5	190.0	184.9
JAB177M	186.3	186.4	189.8	185.8	183.7	202.5	195.9	185.1
JAB193M	221.1	214.3	240.8	221.1	215.0	223.7	220.7	211.7
JAB181M	221.0	219.2	225.0	230.7	210.9	220.1	213.2	202.6
MEAN	193.7	195.4	196.7	195.0	192.0	198.8	196.1	195.4
STD.DEV.	15.3	13.6	17.5	18.9	16.0	17.3	17.5	15.3
N	28	29	29	28	28	29	29	19

APPENDIX VV - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 MALES (CON'T)
(GRAMS)
DOSE: 160MG/KG

TIME=	1	2	3	4	5	6	7	8	9	10	15	16	17
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
JAB202M	158.4	178.2	192.6	199.5	192.2	197.4	185.8	193.3	189.2	189.1	195.1	197.4	207.1
JAB013M	161.6	188.8	197.0	197.8	192.5	194.6	191.9	187.6	186.7	182.1	$S	$S	241.6
JAB067M	146.2	163.7	182.4	189.5	185.2	190.6	182.6	183.7	174.6	172.6	185.9	176.0	180.0
JAB205M	145.0	160.8	170.9	173.6	175.2	164.6	155.8	166.2	164.3	169.8	164.3	162.5	160.5
JAB070M	160.3	173.9	181.7	192.7	187.5	195.3	186.3	191.6	182.7	188.9	182.5	188.6	190.0
JAB073M	145.3	168.2	179.5	185.6	183.5	163.5	157.5	192.4	186.8	190.5	179.9	190.1	191.8
JAB208M	112.6	147.9	167.3	191.4	201.7	207.2	207.1	207.8	199.9	202.1	211.8	209.3	198.6
JAB211M	153.5	177.2	184.8	194.3	193.9	196.7	184.1	196.8	184.1	196.9	194.9	187.9	193.9
JAB076M	139.0	155.7	162.3	163.9	168.5	170.9	172.7	170.1	173.3	171.5	180.6	175.1	180.1
JAB214M	145.2	176.3	191.2	209.5	203.1	200.8	198.2	209.0	205.7	206.7	223.6	119.0	73.3
JAB079M	165.5	191.0	200.6	195.1	183.5	189.9	185.5	194.0	185.6	190.9	194.2	191.5	177.6
JAB082M	159.7	178.5	187.2	186.4	192.3	190.3	189.4	190.7	188.5	187.8	199.5	190.1	203.4
JAB217M	167.9	196.1	210.0	220.3	221.3	222.1	221.0	220.7	215.0	211.6	228.5	222.5	223.2
JAB085M	156.0	166.2	169.5	186.0	172.4	177.7	175.7	175.1	169.7	173.2	171.3	173.7	176.7
JAB088M	158.3	168.6	182.5	193.8	192.8	194.3	$S	$S	$S	188.6	205.5	260.7	209.6
JAB220M	153.1	171.6	178.9	184.3	181.7	185.2	175.6	179.3	172.5	171.3	181.8	177.7	181.3
JAB222M	153.7	186.2	205.6	215.2	213.2	223.1	218.5	217.4	211.5	206.6	220.5	$S	214.2
JAB068M	169.4	199.6	210.9	217.7	212.5	215.3	204.1	218.9	194.8	163.1	224.3	223.8	226.5
JAB210M	103.2	133.3	153.2	179.1	184.3	191.2	180.3	190.3	198.4	192.9	190.7	183.2	182.3
JAB071M	159.5	168.3	178.7	187.8	190.3	195.6	186.9	193.2	192.1	189.1	201.0	199.9	196.7
JAB215M	144.5	167.9	180.8	188.6	197.4	196.1	185.9	189.3	184.0	179.4	195.6	197.1	200.7
JAB206M	160.2	176.8	183.5	195.9	184.9	181.4	177.4	192.8	190.7	$S	201.7	$S	$S
JAB086M	156.4	176.7	184.6	189.8	194.9	192.2	183.9	193.4	192.5	185.8	206.7	204.7	204.6
JAB090M	173.9	180.7	$S	209.1	219.0	222.5	214.2	$S	200.3	202.8	217.7	221.7	217.9
JAB207M	148.1	164.8	171.3	175.9	186.3	187.1	183.0	181.1	173.2	171.3	186.9	185.8	179.7
JAB014M	159.3	176.0	187.1	189.3	190.9	190.8	183.5	187.7	177.9	175.0	189.1	183.0	187.2
JAB087M	152.5	165.7	169.6	171.7	173.7	182.3	175.2	175.1	167.4	171.7	176.3	176.0	202.0
JAB081M	176.3	198.4	206.0	207.1	208.2	202.2	$S	211.9	$S	$S	208.7	212.9	211.5
JAB015M	156.4	179.2	181.2	183.4	181.2	174.0	171.0	169.5	170.0	173.7	167.7	176.9	165.6
JAB069M	174.2	208.6	229.5	229.2	234.8	239.9	201.2	199.0	269.6	164.3	213.3	228.3	243.1
MEAN	153.8	174.8	185.5	193.1	193.3	194.5	186.9	192.1	189.3	184.6	196.5	193.2	193.8
STD.DEV.	15.6	15.6	16.4	15.1	15.4	17.4	15.9	14.7	20.5	13.6	17.5	26.2	30.8
N	30	30	29	30	30	30	28	28	28	28	29	27	29

APPENDIX VV - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 MALES (CON'T)
(GRAMS)
DOSE: 160MG/KG (CON'T)

TIME=	1 8	1 9	2 0	2 1	2 2	2 8	2 9	3 0
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
JAB202M	198.9	197.5	194.7	194.1	201.3	207.9	209.7	$X
JAB013M	183.1	185.7	194.2	193.3	192.0	201.1	195.0	$X
JAB067M	175.2	177.7	182.4	180.5	184.3	189.0	185.0	$X
JAB205M	152.3	158.5	153.6	168.1	167.9	167.8	171.1	$X
JAB070M	187.3	190.0	186.1	177.7	185.0	178.5	110.6	$X
JAB073M	190.4	207.9	194.2	193.0	190.6	203.5	173.2	$X
JAB208M	197.3	208.0	206.5	200.6	201.7	215.0	198.5	$X
JAB211M	189.3	191.1	198.6	193.8	197.6	196.9	199.8	$X
JAB076M	167.1	173.6	187.3	192.2	184.8	188.5	192.0	$X
JAB214M	174.5	190.7	220.1	213.3	184.9	136.3	188.9	$X
JAB079M	187.6	196.5	198.3	188.7	187.7	196.2	190.8	201.0
JAB082M	197.7	192.6	201.1	200.0	201.1	193.0	194.1	199.0
JAB217M	207.4	207.0	207.8	208.2	205.9	206.7	201.5	206.1
JAB085M	$S	166.5	166.8	175.6	177.8	169.9	183.6	174.8
JAB088M	198.9	210.7	202.0	195.3	$S	209.2	214.0	223.5
JAB220M	182.0	178.7	177.6	174.5	177.8	182.8	187.3	181.2
JAB222M	211.0	213.0	219.1	214.7	221.1	237.3	$S	$S
JAB068M	235.1	236.8	233.5	238.6	229.0	223.7	220.9	217.4
JAB210M	174.2	177.8	169.0	168.6	169.5	183.3	179.0	179.2
JAB071M	200.4	203.8	204.9	203.6	196.2	216.1	206.1	207.5
JAB215M	193.4	196.3	194.6	197.9	204.8	196.6	204.1	204.3
JAB206M	$S	196.2	184.8	188.1	$S	206.0	198.4	210.7
JAB086M	198.9	198.7	198.8	194.8	195.0	209.3	195.6	193.7
JAB090M	204.1	218.0	215.2	207.9	212.8	210.7	215.4	210.3
JAB207M	176.9	176.0	176.4	173.1	176.7	182.7	177.4	182.2
JAB01[illegible]	178.5	$S	178.5	189.2	189.8	180.7	181.0	194.7
JAB087M	$S	229.1	181.5	180.6	171.9	186.7	175.9	181.0
JAB081M	$S	$S	$S	205.8	204.9	$S	$S	$S
JAB015M	167.9	159.8	172.1	179.9	169.7	162.7	160.2	163.6
JAB069M	191.5	223.1	197.0	215.5	228.0	230.4	227.1	243.3
MEAN	189.3	195.0	193.0	193.6	193.2	195.5	190.6	198.5
STD.DEV.	16.7	19.8	17.6	15.9	16.8	21.4	22.2	19.6
N	26	28	29	30	28	29	28	18

APPENDIX VV - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 MALES (CON'T)
(GRAMS)
DOSE: 500MG/KG

TIME=	1	2	3	4	5	6	7	8	9	10	15	16	17
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
JAB223M	110.9	145.3	162.2	184.7	184.6	194.1	175.6	186.5	167.2	152.2	182.7	202.7	188.8
JAB227M	138.6	162.0	171.1	181.7	174.7	183.9	172.5	186.0	176.4	185.3	171.4	$S	230.2
JAB016M	139.5	164.4	171.7	189.7	190.8	189.3	183.2	186.5	190.5	184.7	184.1	190.0	185.6
JAB229M	123.0	147.8	163.0	169.6	165.1	177.7	166.8	180.5	170.9	179.0	191.5	192.2	189.2
JAB091M	172.2	190.0	205.2	198.7	202.7	205.5	200.5	204.7	207.0	211.8	$S	200.9	199.5
JAB093M	159.6	181.6	192.5	203.9	206.0	207.1	200.8	201.9	200.8	199.5	202.7	197.0	195.8
JAB232M	150.5	178.9	195.3	208.9	$S	213.7	214.3	$S	$S	215.7	$S	$S	$S
JAB018M	153.2	185.5	205.8	208.1	212.7	217.3	209.8	206.9	207.9	209.1	216.4	221.7	216.1
JAB022M	125.5	136.4	146.2	158.5	152.9	155.3	$S	156.7	148.6	151.2	158.3	148.5	148.7
JAB238M	145.4	162.1	180.1	189.8	182.4	178.6	172.1	185.0	175.4	179.0	179.1	181.7	179.0
JAB242M	90.9	129.5	157.7	176.6	185.5	202.4	186.1	201.6	191.8	194.9	214.0	214.4	210.9
JAB239M	144.9	160.7	167.1	171.3	173.1	173.8	181.0	173.2	169.7	171.8	190.4	175.3	185.0
JAB225M	112.1	140.7	158.7	178.9	182.1	189.3	183.3	190.7	189.7	189.4	189.3	194.8	191.2
JAB240M	135.2	156.8	172.7	173.8	170.0	184.3	162.4	170.7	160.1	176.2	188.3	$S	178.4
JAB231M	138.2	157.5	170.6	173.3	174.3	183.2	156.0	160.8	157.7	177.6	183.9	186.9	188.2
JAB235M	142.7	162.1	184.7	186.0	192.2	193.0	191.0	168.8	104.8	189.2	214.1	187.9	$S
JAB021M	161.3	191.0	202.1	206.1	205.4	203.1	203.6	199.6	193.5	180.8	190.0	190.2	190.0
JAB237M	128.6	149.5	164.4	181.5	190.7	195.9	195.3	198.1	$S	198.5	213.3	215.8	207.5
JAB241M	145.4	162.5	176.0	187.7	183.0	148.3	$S	$S	184.2	189.9	194.9	184.7	186.5
JAB230M	137.5	162.8	181.6	211.7	193.0	186.8	195.7	$S	184.1	179.5	198.5	195.1	192.6
JAB236M	102.4	121.9	173.3	176.8	167.8	180.4	176.6	175.0	175.9	170.5	$X	$X	$X
JAB092M	174.1	188.9	201.1	205.3	203.6	210.3	205.9	209.5	206.9	209.2	205.4	214.5	218.4
JAB025M	140.7	159.5	167.8	171.2	169.9	176.4	173.2	176.8	$S	172.2	194.1	181.1	180.9
JAB224M	111.0	147.1	159.8	181.2	184.1	182.5	167.4	162.5	164.3	175.8	$S	160.9	180.7
JAB024M	128.8	152.2	161.9	176.5	175.4	186.2	184.5	188.1	183.1	180.9	206.4	196.7	194.6
JAB019M	147.4	171.2	186.2	187.8	189.7	192.2	182.9	189.7	180.7	184.9	195.2	202.4	188.6
JAB017M	132.6	150.5	165.2	176.3	182.4	187.0	167.3	174.4	169.5	177.0	199.5	199.7	197.4
JAB233M	133.0	157.5	166.7	174.0	173.5	177.7	171.6	173.7	175.6	180.6	177.4	183.6	183.0
JAB228M	127.0	147.8	157.6	168.3	178.3	190.2	175.9	169.5	174.6	169.0	196.2	162.7	143.5
JAB234M	136.2	160.4	175.9	190.4	186.4	189.9	192.2	204.0	193.4	197.7	206.0	202.5	199.5
MEAN	136.3	159.5	175.1	184.9	183.9	188.5	183.8	184.5	177.9	184.4	194.0	191.7	191.1
STD.DEV.	19.0	17.2	15.7	14.0	13.7	15.2	15.2	15.2	21.2	15.5	14.1	17.2	18.0
N	30	30	30	30	29	30	28	27	27	30	26	26	27

DRAFT

APPENDIX VV - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 MALES (CON'T)
(GRAMS)
DOSE: 500MG/KG (CON'T)

TIME=	1 8	1 9	2 0	2 1	2 2	2 8	2 9	3 0
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
JAB223M	196.7	188.8	170.1	185.3	189.2	162.9	164.8	$X
JAB227M	$S	$S	169.5	$S	179.6	192.4	198.1	$X
JAB016M	179.9	180.6	178.4	202.5	178.1	208.4	219.1	$X
JAB229M	179.2	177.4	188.9	183.7	197.0	215.9	206.3	$X
JAB091M	197.8	198.0	198.6	227.4	199.7	195.7	207.0	$X
JAB093M	199.0	199.0	186.8	190.6	186.6	204.1	209.0	$X
JAB232M	$S	197.1	198.9	$S	$S	214.5	220.5	$X
JAB018M	214.1	214.9	215.1	202.7	201.4	205.5	207.3	$X
JAB022M	142.8	151.9	152.8	149.8	146.4	156.3	152.1	$X
JAB238M	174.3	175.5	173.3	179.0	178.0	184.4	178.6	$X
JAB242M	200.0	202.6	198.3	198.3	211.3	219.4	206.9	209.0
JAB239M	188.2	186.8	183.9	179.9	187.7	194.4	201.9	197.1
JAB225M	193.9	194.2	197.3	187.4	194.1	198.5	205.5	194.5
JAB240M	177.8	177.5	183.1	172.0	$S	183.7	$S	180.4
JAB231M	$S	178.5	$S	179.6	208.3	192.7	192.4	173.0
JAB235M	$S	$S	189.8	175.6	194.2	189.5	187.6	168.2
JAB021M	186.6	$S	182.7	187.1	$S	187.6	191.8	182.4
JAB237M	205.5	202.5	193.3	200.6	200.3	212.5	216.4	209.7
JAB241M	174.0	173.5	173.2	$S	178.6	189.5	189.4	179.8
JAB230M	194.1	185.4	180.7	186.2	188.9	199.1	200.2	192.1
JAB236M	$X	$X	$X	$X	$X	$X	$X	$X
JAB092M	$S	227.2	220.3	218.4	216.1	221.9	230.6	222.2
JAB025M	180.6	175.2	187.2	162.9	179.0	203.4	188.3	190.2
JAB224M	192.1	172.3	170.1	169.4	149.4	184.1	187.9	180.4
JAB024M	186.0	186.8	179.9	175.9	182.5	201.4	189.0	180.3
JAB019M	185.0	179.9	$S	171.1	$S	192.7	189.6	181.7
JAB017M	201.5	198.4	197.4	195.8	170.3	195.3	215.0	208.4
JAB233M	177.4	175.1	171.4	167.6	169.0	181.1	185.0	177.6
JAB228M	184.5	$S	176.3	150.3	188.6	122.5	$S	179.9
JAB234M	202.4	193.1	187.8	177.5	180.4	191.1	181.6	173.1
MEAN	188.1	187.7	185.4	183.7	185.8	193.1	197.1	188.4
STD.DEV.	14.4	15.6	14.5	18.1	16.6	20.1	17.3	14.8
N	24	25	27	26	25	29	27	19

NOTE: $ - VALUE EXCLUDED
S - EXCESSIVE SPILLAGE
F - FECES IN FEEDER
N - NOT MEASURED DUE TO TECHNICIAN OVERSIGHT
X - ANIMAL DEAD

APPENDIX WW - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 FEMALES (F2A)
(GRAMS)
DOSE: 0MG/KG

TIME=	1 WEEKS	2 WEEKS	3 WEEKS	4 WEEKS	5 WEEKS	6 WEEKS	7 WEEKS	8 WEEKS	9 WEEKS	10 WEEKS
JAB245F	126.0	124.1	137.7	147.7	156.7	151.6	145.8	146.4	146.1	146.8
JAB248F	119.9	119.9	129.6	141.5	143.9	143.0	130.0	145.0	149.6	143.7
JAB026F	92.7	96.4	103.5	106.8	106.4	110.8	111.7	114.4	115.6	115.8
JAB251F	114.7	128.9	138.2	134.9	135.0	146.2	125.3	146.1	138.9	136.2
JAB095F	108.9	125.7	143.4	150.2	154.7	157.6	133.3	145.3	152.4	145.0
JAB097F	104.3	114.5	115.3	115.4	120.5	128.1	119.2	122.2	126.7	126.5
JAB254F	112.6	119.6	135.2	133.7	143.2	164.9	$S	292.6	159.4	153.6
JAB100F	104.7	118.2	128.0	141.6	132.2	129.4	131.7	134.8	146.6	145.1
JAB257F	102.5	109.4	111.0	113.6	122.2	128.8	127.3	124.2	123.9	135.5
JAB260F	117.9	124.0	138.6	138.8	136.3	151.8	138.7	140.7	150.3	131.6
JAB263F	106.1	117.2	128.7	135.7	140.7	147.4	139.8	148.7	153.9	146.4
JAB266F	111.5	109.0	113.6	116.5	117.8	122.3	116.5	110.8	113.0	106.7
JAB269F	117.2	116.0	115.3	113.6	124.7	129.7	124.3	117.6	130.6	137.5
JAB101F	120.5	120.5	125.1	127.2	129.4	144.0	142.4	138.6	136.2	139.6
JAB270F	138.3	138.5	152.3	161.8	170.5	155.8	142.5	175.5	168.8	155.0
JAB273F	115.8	124.7	131.3	143.9	142.5	141.6	129.3	148.7	146.7	142.4
JAB252F	128.8	135.0	139.3	151.8	151.0	156.9	145.2	130.7	146.4	156.5
JAB028F	109.1	115.0	119.0	118.5	123.0	128.4	123.8	124.5	127.6	136.5
JAB275F	110.7	120.3	129.0	128.7	120.7	128.5	141.6	137.3	134.3	$S
JAB255F	114.3	117.6	128.0	139.6	138.4	155.0	150.1	138.1	139.1	132.6
JAB264F	93.4	106.3	109.9	116.6	116.1	115.8	119.9	122.5	121.9	127.9
JAB267F	102.7	113.0	115.5	122.0	124.2	131.3	118.9	120.6	126.5	117.7
JAB262F	108.3	115.8	122.8	134.3	129.5	135.9	133.3	127.0	132.2	139.1
JAB102F	109.9	125.2	130.7	131.5	133.8	137.1	132.6	132.1	129.7	136.4
JAB246F	110.6	134.2	106.4	119.0	133.8	129.3	123.5	126.6	127.7	131.0
JAB256F	116.1	121.2	129.2	136.7	$S	139.4	134.7	144.1	136.8	134.0
JAB098F	105.7	118.1	128.0	137.0	135.6	144.5	141.1	146.4	134.8	150.2
JAB249F	121.0	128.9	134.2	145.9	149.1	158.5	147.4	148.1	162.1	155.3
JAB253F	108.6	123.4	125.9	134.3	138.4	128.1	130.7	140.1	139.7	130.6
JAB271F	131.1	162.0	182.1	128.8	166.4	125.5	135.9	$X	$X	$X
MEAN	112.8	121.4	128.2	132.3	135.7	138.9	132.3	141.0	138.5	137.7
STD.DEV.	10.1	11.6	15.3	13.3	15.0	13.7	10.1	32.2	13.7	12.1
N	30	30	30	30	29	30	29	29	29	28

APPENDIX WW - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 FEMALES (F2A) (CON'T)
(GRAMS)
DOSE: 50MG/KG

TIME=	1	2	3	4	5	6	7	8	9	10
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
JAB029F	$S	117.1	116.0	121.0	119.4	116.7	107.3	121.1	108.7	110.3
JAB032F	113.8	120.3	119.3	126.0	126.0	129.4	122.0	128.7	136.7	133.8
JAB276F	107.1	118.5	126.1	129.0	139.5	138.5	115.9	145.3	132.2	125.8
JAB279F	115.1	113.5	114.3	125.8	132.5	125.2	114.2	129.6	135.9	125.5
JAB104F	113.2	123.5	134.5	138.0	162.3	150.0	133.8	141.4	138.4	137.2
JAB282F	119.5	123.0	136.7	135.4	140.7	140.3	134.9	143.2	126.6	128.4
JAB285F	114.2	131.1	143.4	146.2	146.1	152.0	143.7	146.9	151.4	150.7
JAB288F	120.0	138.4	148.0	147.1	144.3	144.8	138.3	139.5	129.5	139.0
JAB035F	108.7	116.7	122.7	134.1	141.5	142.1	143.8	151.7	149.1	156.6
JAB291F	131.8	157.3	169.8	182.9	172.9	180.7	174.3	186.7	177.8	173.1
JAB107F	123.4	130.1	130.1	134.3	140.9	138.0	136.2	142.5	150.8	149.2
JAB292F	133.4	137.6	139.6	153.8	163.5	163.5	155.2	162.5	167.5	151.9
JAB295F	115.3	119.2	128.1	138.3	144.6	162.2	155.5	146.5	139.6	142.8
JAB347F	109.6	140.4	148.1	153.4	160.0	162.8	162.8	161.6	154.3	152.6
JAB298F	107.3	113.5	117.3	171.6	125.2	124.9	123.5	134.7	130.1	127.1
JAB299F	103.7	106.7	116.8	132.9	131.0	133.4	127.0	138.2	135.6	144.4
JAB348F	119.5	143.6	156.4	155.7	155.9	161.7	150.6	158.3	164.2	159.6
JAB277F	116.6	121.7	133.8	133.5	143.9	144.4	143.4	145.3	152.0	144.8
JAB293F	133.8	139.7	139.9	143.4	160.4	154.0	140.5	151.5	162.1	152.4
JAB037F	101.1	113.7	127.1	121.3	121.5	133.5	138.2	130.6	137.2	143.9
JAB349F	107.7	129.8	140.7	149.5	152.8	149.7	148.7	149.7	145.9	145.8
JAB278F	111.2	107.9	118.4	128.2	135.3	131.3	121.1	123.7	116.6	129.1
JAB300F	121.5	123.3	139.2	143.9	146.7	141.0	143.0	147.1	155.9	147.4
JAB034F	122.9	136.8	141.9	138.9	143.2	162.5	138.7	143.2	143.2	156.2
JAB105F	112.2	118.0	131.5	131.1	132.6	126.1	133.2	139.9	128.2	127.8
JAB289F	137.0	153.7	161.8	172.4	170.3	163.8	165.9	171.9	161.4	164.0
JAB297F	116.5	124.8	133.2	144.1	151.6	157.5	151.6	146.1	165.7	149.6
JAB106F	113.3	115.2	120.4	121.7	132.5	131.2	134.9	129.6	138.1	136.6
JAB281F	138.5	147.8	148.3	138.0	155.4	155.2	155.6	149.3	152.5	144.2
JAB290F	139.6	152.0	158.7	161.2	164.6	164.2	155.8	151.9	157.5	149.1
MEAN	118.2	127.8	135.4	141.8	145.2	146.0	140.3	145.3	144.8	143.3
STD.DEV.	10.6	14.0	14.7	15.6	14.4	15.5	15.9	13.9	15.9	13.4
N	29	30	30	30	30	30	30	30	30	30

APPENDIX WW - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 FEMALES (F2A) (CON'T)
(GRAMS)
DOSE: 160MG/KG

TIME=	1 WEEKS	2 WEEKS	3 WEEKS	4 WEEKS	5 WEEKS	6 WEEKS	7 WEEKS	8 WEEKS	9 WEEKS	10 WEEKS
JAB302F	131.2	138.9	148.6	145.8	145.5	143.0	133.2	135.5	133.0	137.9
JAB038F	103.4	109.4	119.0	119.9	133.5	124.8	115.9	119.9	115.4	117.8
JAB110F	98.3	103.4	107.1	116.7	120.0	111.9	108.9	118.7	116.8	101.1
JAB305F	111.2	120.9	116.1	121.1	129.5	120.3	118.0	123.0	123.9	127.3
JAB113F	105.0	114.0	122.1	130.1	127.6	131.1	130.8	137.2	132.2	130.6
JAB116F	134.1	157.3	163.4	164.3	173.0	172.8	162.7	164.8	168.0	192.5
JAB308F	102.5	123.6	139.7	153.2	153.4	155.9	150.2	158.8	155.2	164.3
JAB311F	112.1	111.0	117.4	114.4	129.0	126.8	124.2	125.0	131.6	134.9
JAB118F	108.5	118.1	128.7	127.7	$S	158.2	127.7	161.5	$S	153.1
JAB314F	119.4	133.2	139.8	142.0	141.3	136.8	142.9	162.2	$S	$S
JAB121F	113.1	122.2	133.9	135.7	128.2	130.0	132.8	131.0	134.2	126.3
JAB124F	121.8	122.6	129.6	131.0	136.1	142.2	132.8	146.9	148.9	137.0
JAB316F	121.4	$X	$X	$X	$X	$X	$X	$X	$X	$X
JAB127F	119.4	116.7	126.5	128.0	126.5	126.9	119.5	127.6	122.9	125.5
JAB130F	129.9	138.1	162.0	168.5	160.9	158.4	157.0	160.2	157.0	157.8
JAB319F	114.9	132.1	145.7	123.9	141.2	133.2	136.1	123.7	135.9	140.1
JAB322F	124.4	133.4	136.5	145.5	153.7	138.0	146.6	147.7	152.1	151.9
JAB320F	135.1	125.9	123.5	126.6	131.4	129.0	120.9	127.3	131.6	123.6
JAB114F	104.5	118.7	124.9	151.4	119.6	116.8	123.9	119.2	125.2	120.2
JAB306F	114.1	120.6	127.7	133.5	137.6	131.8	129.1	128.3	136.0	135.3
JAB313F	120.2	127.2	136.5	133.2	140.6	131.9	143.5	143.3	144.0	134.7
JAB323F	124.9	144.9	146.8	135.9	141.1	145.3	141.6	143.3	145.5	131.0
JAB310F	106.9	120.8	134.2	134.0	137.5	132.1	135.1	144.7	135.2	93.7
JAB117F	103.0	112.0	114.5	121.2	124.0	119.1	117.0	124.8	114.6	121.9
JAB040F	116.1	129.8	133.7	131.0	135.1	124.9	136.3	126.0	127.8	128.5
JAB309F	106.8	121.5	121.7	131.8	129.3	124.7	131.0	127.0	128.7	134.2
JAB039F	125.2	129.7	125.1	107.9	119.9	125.7	114.1	118.0	106.8	101.9
JAB317F	106.3	126.3	136.1	137.5	158.8	144.9	146.4	134.7	131.7	138.1
JAB120F	117.4	134.6	137.5	139.8	152.9	146.9	146.3	148.0	147.5	142.8
JAB112F	109.3	127.9	132.1	148.7	140.8	141.7	138.1	143.4	142.9	135.7
MEAN	115.3	125.3	132.1	134.5	138.1	135.3	133.2	137.0	135.0	133.6
STD.DEV.	10.1	11.3	13.1	14.1	13.4	13.9	13.2	14.7	14.3	19.6
N	30	29	29	29	28	29	29	29	27	28

APPENDIX WW - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 FEMALES (F2A) (CON'T)
(GRAMS)
DOSE: 500MG/KG

TIME=	1	2	3	4	5	6	7	8	9	10
	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS	WEEKS
JAB325F	107.3	124.9	133.7	143.3	149.2	148.4	150.7	154.3	149.0	151.8
JAB133F	122.6	135.0	146.4	154.7	165.0	175.3	158.6	155.1	157.4	162.6
JAB327F	112.2	118.8	120.8	129.5	142.0	136.6	123.8	140.9	126.1	117.0
JAB041F	109.1	113.0	109.0	111.6	122.2	121.0	115.6	112.5	110.6	109.9
JAB331F	123.8	132.3	131.4	193.0	146.9	143.3	128.0	140.9	141.4	170.6
JAB135F	129.4	145.4	141.9	143.7	150.5	147.6	133.8	140.2	148.4	152.0
JAB136F	108.5	132.2	$S	169.5	205.8	198.8	187.7	167.0	$S	142.2
JAB334F	129.4	130.1	137.6	149.8	$S	154.9	143.2	158.6	143.2	137.2
JAB045F	105.6	119.0	129.4	126.0	180.2	144.6	195.7	$S	145.2	167.9
JAB335F	91.9	105.2	108.9	106.8	113.3	112.6	106.8	103.8	104.4	112.7
JAB050F	111.1	121.8	127.5	126.1	124.3	110.6	102.6	112.7	109.1	121.2
JAB336F	121.2	132.5	140.7	163.3	187.0	$S	163.6	150.4	133.0	$S
JAB339F	75.5	102.7	122.7	132.0	182.0	146.3	140.1	144.6	137.3	$S
JAB329F	104.2	111.9	102.3	119.8	123.5	128.5	123.5	120.9	120.5	121.8
JAB330F	96.8	103.7	109.2	118.6	120.7	127.[illegible]	120.5	122.8	123.0	121.9
JAB343F	78.5	107.5	112.9	126.0	$S	164.[illegible]	138.7	169.0	139.4	143.5
JAB046F	107.6	127.6	135.8	142.9	138.2	139.0	128.7	129.2	135.0	125.1
JAB138F	125.6	134.6	134.8	144.4	151.9	139.3	151.2	154.3	159.3	165.5
JAB043F	103.6	107.7	124.7	109.9	117.5	132.9	129.5	117.1	106.9	131.4
JAB332F	113.4	121.5	114.4	$S	133.8	122.3	136.0	125.4	121.9	129.4
JAB337F	112.2	121.3	139.7	145.9	135.0	131.4	128.2	120.0	126.5	$S
JAB140F	114.6	132.3	141.5	149.4	146.1	142.5	147.4	138.8	133.3	135.5
JAB328F	89.6	112.5	115.2	121.3	$S	127.4	153.5	132.7	$S	133.5
JAB042F	133.9	136.4	139.8	146.2	139.5	135.2	140.3	135.6	132.3	142.3
JAB047F	106.0	113.1	126.8	126.8	132.1	131.4	135.6	141.8	145.1	137.0
JAB134F	142.6	149.8	157.7	159.0	172.3	160.0	153.7	155.5	150.2	155.5
JAB048F	115.1	123.2	128.3	$S	161.1	183.1	158.0	158.4	159.2	159.9
JAB341F	77.6	113.0	125.6	134.6	144.7	146.2	139.6	139.8	143.5	137.9
JAB333F	114.6	124.0	127.3	130.2	146.0	141.4	141.6	141.0	151.4	151.0
JAB338F	125.6	134.3	136.2	147.4	151.2	149.9	145.6	150.8	151.1	152.2
MEAN	110.3	122.9	128.4	138.3	147.5	142.8	140.7	139.1	135.8	140.3
STD.DEV.	16.3	12.3	13.0	19.4	22.9	19.7	20.3	17.1	16.0	17.3
N	30	30	29	28	27	29	30	29	28	27

APPENDIX WW - INDIVIDUAL WEEKLY FOOD CONSUMPTION -- P2 FEMALES (F2A) (CON'T)
(GRAMS)
DOSE: 500MG/KG (CON'T)

NOTE: $ - VALUE EXCLUDED
S - EXCESSIVE SPILLAGE
F - FECES IN FEEDER
N - NOT MEASURED DUE TO TECHNICIAN OVERSIGHT
X - ANIMAL DEAD
T - ANIMAL NOT SCHEDULED FOR FC MEASUREMENT

APPENDIX XX - INDIVIDUAL GESTATION FOOD CONSUMPTION - P2/F2A
(GRAMS)

P.I.N. NUMBER	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
GROUP 1 - 0 MG/KG					
JAB245c					
JAB248	163	84	84	111	113
JAB026	136	74	NM	114	118
JAB251	163	98	91	130	145
JAB095c					
JAB097	155	84	71	110	114
JAB254	202	109	100	144	155
JAB100	109	93	79	119	119
JAB257	125	73	67	96	111
JAB260	167	105	104	136	134
JAB263	126	75	74	93	102
JAB266	140	79	76	109	111
JAB269	145	89	85	117	121
JAB101	169	102	98	136	136
JAB270	167	94	94	117	132
JAB273b					
JAB252	162	92	91	131	152
JAB028	148	84	86	126	138
JAB275	163	85	83	116	106
JAB255	161	74	67	114	132
JAB264	135	73	73	99	108
JAB267	161	88	89	136	124
JAB262	164	90	88	111	124
JAB102	152	86	88	118	125
JAB246	147	74	73	105	119
JAB256	132	76	86	112	115
JAB098	196	116	115	143	142
JAB249	145	88	86	116	114
JAB253	160	83	84	126	117
JAB271a					

NOTES: a = Animal Dead, Not Mated
b = No Confirmed Date Of Mating
c = Animal Did Not Deliver
NM = Food Consumption Not Measured Due To Excessive Spillage

APPENDIX XX -- INDIVIDUAL GESTATION FOOD CONSUMPTION - P2/F2A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
GROUP 2 - 50 MG/KG					
JAB029	124	68	76	114	106
JAB032	153	84	79	107	114
JAB276c					
JAB279	125	73	69	85	107
JAB104	143	87	85	114	108
JAB282	160	79	81	99	112
JAB285	138	72	80	120	126
JAB288	132	70	75	96	29
JAB035	141	88	91	83	121
JAB291c					
JAB107	153	72	83	117	133
JAB292	170	113	103	118	136
JAB295	165	89	65	95	121
JAB347	153	91	86	118	118
JAB298	142	79	84	115	130
JAB299c					
JAB348	151	78	78	116	141
JAB277c					
JAB293	180	94	100	144	159
JAB037	150	79	75	112	119
JAB349	154	85	83	123	142
JAB278	159	85	85	119	143
JAB300b,c					
JAB034c					
JAB105b					
JAB289c					
JAB297	169	96	95	122	119
JAB106	162	85	76	105	120
JAB281	157	83	73	121	168
JA[illegible]290	163	87	81	119	115

NOTES: a = Animal Dead, Not Mated
b = No Confirmed Date Of Mating
c = Animal Did Not Deliver
NM = Food Consumption Not Measured Due To Excessive Spillage

APPENDIX XX - INDIVIDUAL GESTATION FOOD CONSUMPTION - P2/F2A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
GROUP 3 - 160 MG/KG					
JAB302	123	69	65	95	117
JAB038	142	70	71	109	114
JAB110	126	73	73	110	131
JAB305	132	72	70	107	116
JAB113	137	69	71	106	125
JAB116	179	92	100	141	147
JAB308c					
JAB311	147	75	76	101	120
JAB118c					
JAB314c					
JAB121	147	79	85	106	123
JAB124c					
JAB316a					
JAB127c					
JAB130c					
JAB319	137	86	93	125	145
JAB322	143	94	93	117	101
JAB320	155	84	83	116	120
JAB114b,c					
JAB306	128	71	85	97	111
JAB313	156	91	83	110	116
JAB323	156	77	71	100	137
JAB310	149	48	63	100	116
JAB117	138	71	82	104	117
JAB040	151	82	81	110	111
JAB309	155	84	82	96	123
JAB039	148	72	57	79	111
JAB317	157	89	89	126	13[illegible]
JAB120c					
JAB112	141	88	90	120	133

NOTES: a = Animal Dead, Not Mated
b = No Confirmed Date Of Mating
c = Animal Did Not Deliver
NM = Food Consumption Not Measured Due To Excessive Spillage

APPENDIX XX - INDIVIDUAL GESTATION FOOD CONSUMPTION - P2/F2A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 0-6	DAY 6-9	DAY 9-12	DAY 12-16	DAY 16-20
GROUP 4 - 500 MG/KG					
JAB325	164	100	106	96	134
JAB133c					
JAB327	122	65	69	83	90
JAB041	151	85	102	110	109
JAB331c					
JAB135	162	80	88	117	123
JAB136	116	62	66	87	106
JAB334b,c					
JAB045	164	88	95	123	125
JAB335b,c					
JAB050	147	76	76	103	91
JAB336	139	73	75	110	116
JAB339c					
JAB329	138	73	73	97	101
JAB330	145	78	79	102	99
JAB343b,c					
JAB046	142	70	77	111	112
JAB138c					
JAB043c					
JAB332b,c					
JAB337c					
JAB140c					
JAB328	142	82	84	111	117
JAB042b,c					
JAB047b,c					
JAB134	169	88	87	121	111
JAB048c					
JAB341	145	76	83	117	113
JAB333c					
JAB338b,c					

NOTES: a = Animal Dead, Not Mated
b = No Confirmed Date Of Mating
c = Animal Did Not Deliver
NM = Food Consumption Not Measured Due To Excessive Spillage

APPENDIX YY - INDIVIDUAL [illegible]ATION FOOD CONSUMPTION - P2/F2A
[illegible]S)

P.I.N. NUMBER	DAY 1-4	DAY 4-7	DAY 7-10	DAY 10-14	[illegible]
GROUP 1 - 0 MG/KG					
JAB245a					
JAB248	83	132	172	232	596
JAB026	113	148	195	273	597
JAB251	97	114	156	271	583
JAB095a					
JAB097	113	129	159	248	451
JAB254	NM	89	141	233	565
JAB100	99	116	148	142	580
JAB257	115	141	151	271	578
JAB260	88	131	171	253	544
JAB263	83	107	158	251	521
JAB266	102	129	170	248	513
JAB269	128	148	183	236	565
JAB101	140	169	203	297	596
JAB270	108	131	161	253	594
JAB273	107	162	193	294	613
JAB252	81	76	148	275	519
JAB028	254	128	164	235	518
JAB275	110	147	183	276	563
JAB255	122	149	179	246	580
JAB264	107	131	161	227	461
JAB267	133	153	167	268	586
JAB262	121	133	168	263	564
JAB102	92	138	152	246	487
JAB246c					
JAB256	96	138	165	270	591
JAB098	110	122	180	257	485
JAB249	85	108	145	249	542
JAB253	127	119	159	256	509
JAB271b					

NOTES: NM = Food Consumption Not Measured Due To Excessive Spillage
a = Animal Did Not Deliver
b = Animal Dead; Not Mated
c = No Pups Remai[illegible] In Litter

APPENDIX YY - INDIVIDUAL LACTATION FOOD CONSUMPTION - P2/F2A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 1-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
GROUP 2 - 50 MG/KG					
JAB029	102	125	171	246	506
JAB032	117	131	141	257	563
JAB276a					
JAB279	75	95	132	177	502
JAB104	105	118	168	241	560
JAB282	93	129	165	246	538
JAB285	115	159	187	292	593
JAB288	71	76	135	223	398
JAB035	86	106	152	215	450
JAB291a					
JAB107	134	138	181	270	543
JAB292c					
JAB295	50	128	130	211	448
JAB347	97	124	139	224	521
JAB298	82	96	126	193	415
JAB299a					
JAB348	106	115	142	227	513
JAB277a					
JAB293	87	98	138	191	430
JAB037	90	136	153	255	573
JAB349	119	130	164	258	582
JAB278	120	147	201	292	600
JAB300a					
JAB034a					
JAB105	106	128	162	251	548
JAB289a					
JAB297	112	127	166	282	593
JAB106	122	152	190	279	573
JAB281	93	116	131	194	460
JAB290	99	115	165	271	617

NOTES: NM = Food Consumption Not Measured Due To Excessive Spillage
a = Animal Did Not Deliver
b = Animal Dead; Not Mated
c = No Pups Remain In Litter

APPENDIX YY - INDIVIDUAL LACTATION FOOD CONSUMPTION - P2/F2A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 1-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
GROUP 3 - 160 MG/KG					
JAB302	125	158	177	268	601
JAB038	103	98	130	210	434
JAB110	106	124	165	256	508
JAB305	88	119	156	242	537
JAB113	112	139	175	270	550
JAB116	145	175	191	275	595
JAB308a					
JAB311	103	142	160	255	512
JAB118a					
JAB314a					
JAB121	75	102	156	240	510
JAB124a					
JAB316b					
JAB127a					
JAB130a					
JAB319	102	132	155	252	532
JAB322	61	113	147	250	476
JAB32[redacted]	72	94	100	132	288
JAB1[redacted]a					
JAB306	88	98	144	234	514
JAB313	93	133	159	240	540
JAB323	100	139	167	269	560
JAB310	116	144	195	295	531
JAB117	116	144	166	254	518
JAB040	100	123	166	251	545
JAB309	126	155	178	277	587
JAB039	105	105	144	245	516
JAB317	118	146	177	297	641
JAB120a					
JAB112	131	122	159	239	544

NOTES: NM = Food Consumption Not Measured Due To Excessive Spillage
a = Animal Did Not Deliver
b = Animal Dead; Not Mated
c = No Pups Remain In Litter

APPENDIX YY - INDIVIDUAL LACTATION FOOD CONSUMPTION - P2/F2A CONT.
(GRAMS)

P.I.N. NUMBER	DAY 1-4	DAY 4-7	DAY 7-10	DAY 10-14	DAY 14-21
GROUP 4 - 500 MG/KG					
JAB325	66	72	94	125	255
JAB133a					
JAB327c					
JAB041c					
JAB331a					
JAB135	74	108	131	214	421
JAB136	52	64	72	128	279
JAB334a					
JAB045	87	127	153	262	523
JAB335a					
JAB050c	63				
JAB336c					
JAB339a					
JAB329	82	160	133	199	418
JAB330c					
JAB343a					
JAB046	56	91	127	227	483
JAB138a					
JAB043a					
JAB332a					
JAB337a					
JAB140a					
JAB328c					
JAB042a					
JAB047a					
JAB134c					
JAB048a					
JAB341c					
JAB333a					
JAB338a					

NOTES: NM = Food Consumption Not Measured Due To Excessive Spillage
a = Animal Did Not Deliver
b = Animal Dead; Not Mated
c = No Pups Remain In Litter

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX ZZ - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 FEMALES (F2B)
(GRAMS)
DOSE: 0MG/KG

	TIME= 20 WEEKS	21 WEEKS	22 WEEKS
JAB245F	166.4	153.3	109.5
JAB248F	168.7	163.2	126.5
JAB026F	112.7	119.9	94.4
JAB251F	168.2	169.5	145.1
JAB095F	153.4	162.4	150.0
JAB097F	140.7	139.3	123.2
JAB254F	151.9	162.9	$S
JAB100F	200.2	161.9	139.0
JAB257F	123.0	122.9	105.1
JAB260F	153.9	157.4	137.4
JAB263F	163.0	160.5	156.2
JAB266F	133.7	118.7	114.9
JAB269F	147.0	133.1	114.6
JAB101F	154.9	165.1	148.7
JAB270F	175.3	181.9	145.8
JAB273F	148.3	140.8	127.1
JAB252F	171.0	155.8	131.3
JAB028F	161.8	153.9	132.2
JAB275F	153.5	154.9	132.2
JAB255F	$F	132.3	106.4
JAB264F	149.3	146.8	117.4
JAB267F	141.2	142.6	109.5
JAB262F	143.4	165.3	127.1
JAB102F	130.2	137.1	134.8
JAB246F	154.5	129.8	126.1
JAB256F	160.6	148.1	130.5
JAB098F	177.8	161.6	144.0
JAB249F	166.5	172.2	141.0
JAB253F	$T	143.7	145.3
JAB271F	$X	$X	$X
MEAN	154.5	150.2	129.1
STD.DEV.	18.1	16.3	15.6
N	27	29	28

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APPENDIX ZZ - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 FEMALES (F2B) (CON'T)
(GRAMS)
DOSE: 50MG/KG

TIME=	2 0 WEEKS	2 1 WEEKS	2 2 WEEKS
JAB029F	134.0	131.4	117.1
JAB032F	169.2	148.4	131.5
JAB276F	132.5	122.4	92.4
JAB279F	123.7	120.9	107.7
JAB104F	144.7	142.9	121.7
JAB282F	144.6	139.1	115.0
JAB285F	169.7	149.5	134.6
JAB288F	162.2	149.3	130.8
JAB035F	189.3	182.2	161.7
JAB291F	189.3	184.9	173.7
JAB107F	168.3	171.4	131.4
JAB292F	165.1	163.8	126.9
JAB295F	167.8	160.9	134.6
JAB347F	183.2	160.1	136.9
JAB298F	153.7	137.1	129.9
JAB299F	146.0	148.5	115.5
JAB348F	188.4	166.1	149.1
JAB277F	156.1	149.3	112.6
JAB293F	159.8	168.4	170.6
JAB037F	172.1	165.6	141.1
JAB349F	158.5	161.7	139.8
JAB278F	147.6	135.9	118.6
JAB300F	159.4	157.4	136.3
JAB034F	137.5	132.0	104.8
JAB105F	146.8	139.7	141.7
JAB289F	166.1	161.0	152.9
JAB297F	167.8	167.7	143.4
JAB106F	138.2	130.3	132.1
JAB281F	168.8	155.8	133.0
JAB290F	176.2	175.2	144.2
MEAN	159.6	152.6	132.7
STD.DEV.	17.4	17.0	18.4
N	30	30	30

APPENDIX ZZ - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 FEMALES (F2B) (CON'T)
(GRAMS)
DOSE: 160MG/KG

	TIME= 20 WEEKS	21 WEEKS	22 WEEKS
JAB302F	160.2	148.6	150.9
JAB038F	148.0	138.1	129.4
JAB110F	133.5	127.0	127.5
JAB305F	133.9	126.0	122.0
JAB113F	151.5	146.3	140.6
JAB116F	$T	185.7	189.3
JAB308F	150.7	134.7	130.2
JAB311F	146.0	$S	149.2
JAB118F	$S	151.3	158.5
JAB314F	167.3	$S	$S
JAB121F	159.4	149.7	154.8
JAB124F	163.3	155.2	167.4
JAB316F	$X	$X	$X
JAB127F	124.6	119.0	130.6
JAB130F	154.5	147.3	151.9
JAB319F	162.1	161.1	169.8
JAB322F	171.0	164.0	166.0
JAB320F	135.1	128.3	138.0
JAB114F	125.9	118.7	126.0
JAB306F	163.7	146.7	156.3
JAB313F	179.4	166.1	158.4
JAB323F	$S	$S	$S
JAB310F	164.4	151.0	178.4
JAB117F	156.1	140.2	143.4
JAB040F	162.6	156.1	144.4
JAB309F	151.9	161.6	139.1
JAB039F	138.5	121.4	143.9
JAB317F	186.5	165.2	165.0
JAB120F	158.1	144.6	148.0
JAB112F	162.6	150.6	151.6
MEAN	154.3	146.3	149.2
STD.DEV.	15.4	16.5	16.7
N	26	26	27

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APPENDIX ZZ - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 FEMALES (F2B) (CON'T)
(GRAMS)
DOSE: 500MG/KG

TIME=	2 0 WEEKS	2 1 WEEKS	2 2 WEEKS
JAB325F	183.5	196.1	189.2
JAB133F	194.6	204.6	180.6
JAB327F	142.1	132.3	133.9
JAB041F	129.1	120.6	$S
JAB331F	167.4	172.5	164.9
JAB135F	167.3	166.7	152.8
JAB136F	$S	187.7	172.8
JAB334F	$S	185.1	$S
JAB045F	162.0	170.0	152.5
JAB335F	113.1	115.2	114.1
JAB050F	120.1	113.0	120.0
JAB336F	148.4	136.8	$S
JAB339F	154.8	148.8	151.7
JAB329F	141.4	142.0	139.0
JAB330F	139.7	132.2	129.0
JAB343F	$S	153.0	161.1
JAB046F	158.3	147.3	147.5
JAB138F	$S	162.3	161.8
JAB043F	150.1	126.7	121.3
JAB332F	150.2	159.1	159.4
JAB337F	139.9	$S	136.1
JAB140F	144.1	146.0	148.5
JAB328F	143.2	142.4	129.5
JAB042F	164.5	155.5	155.0
JAB047F	158.7	158.5	153.1
JAB134F	181.0	170.6	158.5
JAB048F	189.4	178.0	177.7
JAB341F	163.1	120.8	126.0
JAB333F	173.9	173.7	180.0
JAB338F	175.5	173.7	170.3
MEAN	156.0	154.9	151.3
STD.DEV.	20.3	24.4	20.3
N	26	29	27

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APPENDIX ZZ - INDIVIDUAL WEEKLY FOOD CONSUMPTION - P2 FEMALES (F2B) (CON'T)
(GRAMS)
DOSE: 500MG/KG (CON'T)

NOTE: $ - VALUE EXCLUDED
S - EXCESSIVE SPILLAGE
F - FECES IN FEEDER
N - NOT MEASURED DUE TO TECHNICIAN OVERSIGHT
X - ANIMAL DEAD
T - ANIMAL NOT SCHEDULED FOR FOOD CONSUMPTION MEASUREMENT

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APPENDIX AB - INDIVIDUAL GESTATION FOOD CONSUMPTION - P2/F2a
(GRAMS)

P.I.N. NUMBER	DAY 0-6G	DAY 6-9G	DAY 9-12G	DAY 12-16G	DAY 16-20G
GROUP 1 - 0 MG/KG					
JAB245	186	101	99	134	102
JAB248	168	91	88	119	126
JAB026	136	85	83	122	122
JAB251	161	95	97	128	151
JAB095a,b					
JAB097	158	72	75	106	112
JAB254	S	114	107	141	S
JAB100c					
JAB257	151	74	73	81	102
JAB260	199	99	92	130	134
JAB263b					
JAB266	150	76	81	106	123
JAB269	178	83	86	112	121
JAB101	191	105	99	137	118
JAB270	191	94	97	137	132
JAB273	152	84	91	126	129
JAB252	183	97	93	120	140
JAB028	181	103	97	136	133
JAB275	167	89	85	120	131
JAB255	141	77	81	101	113
JAB264	154	78	82	115	110
JAB267b					
JAB262	186	98	92	121	122
JAB102	150	78	81	124	S
JAB246a,b					
JAB256	159	84	85	108	105
JAB098	216	111	113	137	147
JAB249	169	93	92	109	123
JAB253	181	96	93	124	142
JAB271d					

NOTES: G = Gestation
S = Not measured due to excessive spillage
a = No confirmed date of mating
b = Animal did not deliver
c = Animal delivered prior to Day 21G
d = Animal dead

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APPENDIX AB - INDIVIDUAL GESTATION FOOD CONSUMPTION - P2/F2B (CONT.)
(GRAMS)

P.I.N. NUMBER	DAY 0-6G	DAY 6-9G	DAY 9-12G	DAY 12-16G	DAY 16-20G
GROUP 2 - 50 MG/KG					
JAB029	141	77	76	105	105
JAB032	162	95	92	116	118
JAB276b					
JAB279a					
JAB104	172	85	83	109	103
JAB282b					
JAB285b					
JAB288	146	42	79	102	98
JAB035	182	96	82	106	105
JAB291b					
JAB107	172	97	89	131	132
JAB292	218	124	112	124	155
JAB295	171	103	101	130	119
JAB347	167	82	89	106	122
JAB298b					
JAB299a,b					
JAB348	209	105	91	132	132
JAB277b					
JAB293a					
JAB037	207	100	102	132	134
JAB349	178	89	96	125	132
JAB278	135	87	87	114	137
JAB300b					
JAB034b					
JAB105	156	83	81	112	110
JAB289	197	107	97	129	116
JAB297	182	99	97	119	124
JAB106	187	100	96	118	125
JAB281b					
JAB290	184	96	89	127	119

NOTES: G = Gestation
S = Not measured due to excessive spillage
a = No confirmed date of mating
b = Animal did not deliver
c = Animal delivered prior to Day 21G
d = Animal dead

APPENDIX AB - INDIVIDUAL GESTATION FOOD CONSUMPTION - P2/F2B (CONT.)
(GRAMS)

P.I.N. NUMBER	DAY 0-6G	DAY 6-9G	DAY 9-12G	DAY 12-16G	DAY 16-20G
GROUP 3 - 160 MG/KG					
JAB302	142	84	131	105	120
JAB038	149	84	81	113	116
JAB110	139	78	77	105	110
JAB305	140	83	80	109	113
JAB113	141	83	75	99	115
JAB116	198	98	100	143	133
JAB308	139	77	75	108	132
JAB311	160	86	84	105	118
JAB118b					
JAB314a,b					
JAB121	157	86	83	114	103
JAB124b					
JAB316d					
JAB127	152	78	71	101	118
JAB130	180	102	80	120	112
JAB319	169	91	86	133	135
JAB322b					
JAB320	168	93	95	117	123
JAB114b					
JAB306b					
JAB313	158	91	93	128	126
JAB323b					
JAB310b					
JAB117b					
JAB040	161	90	83	107	108
JAB309	174	94	99	123	114
JAB039	168	57	85	98	108
JAB317b					
JAB120b					
JAB112	158	93	111	127	134

NOTES: G = Gestation
S = Not measured due to excessive spillage
a = No confirmed date of mating
b = Animal did not deliver
c = Animal delivered prior to Day 21G
d = Animal dead

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APPENDIX AB - INDIVIDUAL GESTATION FOOD CONSUMPTION - P2/F2B (CONT.)
(GRAMS)

P.I.N. NUMBER	DAY 0-6G	DAY 6-9G	DAY 9-12G	DAY 12-16G	DAY 16-20G
GROUP 4 - 500 MG/KG					
JAB325b					
JAB133	203	107	94	129	130
JAB327	148	S	76	91	93
JAB041b					
JAB331a,b					
JAB135b					
JAB136b					
JAB334a,b					
JAB045	182	96	97	122	116
JAB335a,b					
JAB050b					
JAB336	166	88	94	115	100
JAB339	156	97	96	122	112
JAB329	151	75	78	100	75
JAB330	171	82	82	123	116
JAB343a,b					
JAB046b					
JAB138b					
JAB043b					
JAB332b					
JAB337	145	76	60	110	112
JAB140b					
JAB328	155	82	89	105	107
JAB042a,b					
JAB047a,b					
JAB134a					
JAB048a,b					
JAB341a,b					
JAB333b					
JAB338a,b					

NOTES: G = Gestation
S = Not measured due to excessive spillage
a = No confirmed date of mating
b = Animal did not deliver
c = Animal delivered prior to Day 21G
d = Animal dead

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APPENDIX AC - INDIVIDUAL LACTATION FOOD CONSUMPTION - P2/F2B
(GRAMS)

P.I.N. NUMBER	DAY 1-4L	DAY 4-7L	DAY 7-10L	DAY 10-14L	DAY 14-21L
GROUP 1 - 0 MG/KG					
JAB245b					
JAB248	84	102	149	258	537
JAB026	113	130	187	298	548
JAB251	109	162	189	273	593
JAB095a					
JAB097	124	72	140	247	471
JAB254	67	92	101	170	398
JAB100	80	108	143	223	517
JAB257	78	95	112	201	397
JAB260	103	123	151	280	563
JAB263a					
JAB266	92	116	168	221	518
JAB269	119	123	163	271	450
JAB101	137	138	204	287	604
JAB270	106	128	167	304	572
JAB273	123	155	199	271	610
JAB252	79	106	129	237	479
JAB028	79	108	159	250	513
JAB275	114	155	213	299	592
JAB255	128	128	136	233	463
JAB264	88	104	137	171	442
JAB267a					
JAB262	108	146	191	287	573
JAB102	138	150	186	314	586
JAB246a					
JAB256	103	114	156	258	507
JAB098	105	122	160	262	497
JAB249	S	110	175	229	506
JAB253	106	93	141	237	476
JAB271c					

NOTES: 1. = Lactation
S = Not measured due to excessive spillage
a = Animal did not deliver
b = No pups remain
c = Animal dead
d = Not recorded due to technician oversight

APPENDIX AC - INDIVIDUAL LACTATION FOOD CONSUMPTION - P2/F2B (CONT.)
(GRAMS)

P.I.N. NUMBER	DAY 1-4L	DAY 4-7L	DAY 7-10L	DAY 10-14L	DAY 14-21L
GROUP 2 - 50 MG/KG					
JAB029	99	107	163	266	495
JAB032	142	137	147	229	518
JAB276a					
JAB279	116	128	191	397	476
JAB104	86	111	146	45	468
JAB282a					
JAB285a					
JAB288	23	119	172	247	558
JAB035	111	110	138	192	509
JAB291a					
JAB107	105	122	132	201	414
JAB292	(d)	137	202	277	631
JAB295	67	109	135	216	401
JAB347	116	144	194	273	558
JAB298a					
JAB299a					
JAB348	98	131	193	284	620
JAB277a					
JAB293	125	159	226	295	709
JAB037	83	123	157	268	550
JAB349	128	141	197	292	541
JAB278	98	108	130	212	441
JAB300a					
JAB034a					
JAB105	106	124	173	259	562
JAB289	73	98	103	182	400
JAB297	87	111	170	250	585
JAB106	75	136	177	301	563
JAB281a					
JAB290	(d)	126	165	244	561

NOTES: L = Lactation
S = Not measured due to excessive spillage
a = Animal did not deliver
b = No pups remain
c = Animal dead
d = Not recorded due to technician oversight

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APPENDIX AC - INDIVIDUAL LACTATION FOOD CONSUMPTION - P2/F2B (CONT.)
(GRAMS)

P.I.N. NUMBER	DAY 1-4L	DAY 4-7L	DAY 7-10L	DAY 10-14L	DAY 14-21L
GROUP 3 - 160 MG/KG					
JAB302	129	104	193	286	(d)
JAB038	111	123	153	271	504
JAB110	101	131	(d)	(d)	535
JAB305	91	109	174	255	538
JAB113	93	144	190	267	732
JAB116	82	92	(d)	(d)	376
JAB308	75	95	152	208	451
JAB311	95	101	126	199	437
JAB118a					
JAB314a					
JAB121	83	109	154	229	538
JAB124a					
JAB316c					
JAB127	114	130	157	255	567
JAB130	78	89	111	199	450
JAB319	113	134	148	283	545
JAB322a					
JAB320	120	133	153	243	522
JAB114a					
JAB306a					
JAB313	86	113	154	236	567
JAB323a					
JAB310a					
JAB117a					
JAB040	113	165	(d)	(d)	549
JAB309	98	131	186	287	555
JAB039	122	59	117	202	448
JAB317a					
JAB120a					
JAB112	(d)	88	220	289	527

NOTES: L = Lactation
S = Not measured due to excessive spillage
a = Animal did not deliver
b = No pups remain
c = Animal dead
d = Not recorded due to technician oversight

APPENDIX AC - INDIVIDUAL LACTATION FOOD CONSUMPTION - P2/F2B (CONT.)
(GRAMS)

P.I.N. NUMBER	DAY 1-4L	DAY 4-7L	DAY 7-10L	DAY 10-14L	DAY 14-21L
GROUP 4 - 500 MG/KG					
JAB325a					
JAB133c					
JAB327c					
JAB041a					
JAB331a					
JAB135a					
JAB136a					
JAB334a					
JAB045	75	114	132	257	535
JAB335a					
JAB050a					
JAB336c					
JAB339c					
JAB329c					
JAB330c					
JAB343a					
JAB046a					
JAB138a					
JAB043a					
JAB332a					
JAB337c					
JAB140a					
JAB328c					
JAB042a					
JAB047a					
JAB134c					
JAB048a					
JAB341a					
JAB333a					
JAB338a					

NOTES: L = Lactation
S = Not measured due to excessive spillage
a = Animal did not deliver
b = No pups remain
c = Animal dead
d = Not recorded due to technician oversight

APPENDIX AD - INDIVIDUAL MEASURED TEST MATERIAL CONSUMPTION - P2 MALES
DOSE: 50 MG/KG

TIME=	3 WEEKS	7 WEEKS
JAB004M	50.2	44.4
JAB007M	45.5	41.1
JAB173M	47.9	41.3
JAB176M	47.3	45.3
JAB061M	47.0	42.5
JAB179M	47.5	$X
JAB182M	57.3	49.1
JAB185M	49.8	44.6
JABC10M	49.2	44.7
JAB188M	51.2	44.5
JAB064M	44.5	39.4
JAB191M	48.3	41.9
JAB194M	51.7	45.5
JAB344M	58.2	51.0
JAB197M	48.8	44.5
JAB199M	56.1	112.3
JAB201M	50.3	46.4
JAB189M	53.7	48.1
JAB200M	51.8	47.1
JAB174M	47.3	41.2
JAB184M	56.8	48.0
JAB196M	54.0	47.1
JAB008M	43.3	41.6
JAB175M	49.2	45.4
JAB009M	46.9	44.5
JAB198M	48.4	45.5
JAB187M	48.5	42.4
JAB177M	49.4	44.6
JAB193M	48.7	43.2
JAB181M	50.9	50.6
RNG LOW	43.3	39.4
RNG HIGH	58.2	112.3
MEAN	50.0	47.2
STD.DEV.	3.7	12.8
N	30	29

APPENDIX AD - INDIVIDUAL MEASURED TEST MATERIAL CONSUMPTION - P2 MALES (CONT.)
DOSE: 160 MG/KG

TIME=	3 WEEKS	7 WEEKS
JAB202M	160.7	138.0
JAB013M	160.7	147.5
JAB067M	160.7	146.0
JAB205M	162.5	139.0
JAB070M	159.6	148.9
JAB073M	167.7	135.9
JAB208M	206.6	176.1
JAB211M	173.8	155.0
JAB076M	169.8	172.1
JAB214M	181.1	161.9
JAB079M	169.7	148.0
JAB082M	163.0	160.1
JAB217M	174.2	159.4
JAB085M	155.1	158.1
JAB088M	165.0	$S
JAB220M	161.4	146.5
JAB222M	183.6	159.9
JAB068M	158.7	136.8
JAB210M	210.2	173.3
JAB071M	161.3	153.9
JAB215M	169.5	151.1
JAB206M	165.4	151.9
JAB086M	160.2	151.7
JAB090M	$S	162.4
JAB207M	161.4	153.9
JAB014M	160.6	151.1
JAB087M	157.1	157.0
JAB081M	169.5	$S
JAB015M	153.0	144.0
JAB069M	177.1	139.2
RNG LOW	153.0	135.9
RNG HIGH	210.2	176.1
MEAN	169.2	152.8
STD.DEV.	13.4	10.7
N	29	28

APPENDIX AD - INDIVIDUAL MEASURED TEST MATERIAL CONSUMPTION - P2 MALES (CONT.)
DOSE: 500 MG/KG

TIME=	3 WEEKS	7 WEEKS
JAB223M	557.6	481.0
JAB227M	535.8	478.2
JAB016M	511.3	475.1
JAB229M	538.4	481.2
JAB091M	438.3	411.8
JAB093M	483.8	456.4
JAB232M	503.8	496.3
JAB018M	523.7	493.3
JAB022M	542.7	$S
JAB238M	505.1	432.0
JAB242M	713.2	538.0
JAB239M	485.4	491.4
JAB225M	543.0	484.6
JAB240M	499.5	436.9
JAB231M	519.6	433.3
JAB235M	499.2	457.4
JAB021M	487.0	469.1
JAB237M	524.3	534.0
JAB241M	508.3	$S
JAB230M	559.0	547.1
JAB236M	560.1	479.7
JAB092M	436.7	433.5
JAB025M	540.5	494.4
JAB224M	542.7	470.2
JAB024M	565.0	554.5
JAB019M	512.3	474.2
JAB017M	491.8	438.9
JAB233M	517.1	479.6
JAB228M	564.8	561.1
JAB234M	532.5	532.1
RNG LOW	436.7	411.8
RNG HIGH	713.2	561.1
MEAN	524.8	482.7
STD.DEV.	48.3	39.6
N	30	28

NOTE: $ - VALUE EXCLUDED
S - EXCESSIVE SPILLAGE
X - ANIMAL DEAD

APPENDIX AE - INDIVIDUAL MEASURED TEST MATERIAL CONSUMPTION - P2 FEMALES
DOSE: 50 MG/KG

TIME=	3	7
	WEEKS	WEEKS
JAB029F	45.6	39.3
JAB032F	43.9	40.4
JAB276F	48.0	38.7
JAB279F	47.4	41.5
JAB104F	52.5	45.2
JAB282F	54.3	47.0
JAB285F	57.6	46.9
JAB288F	52.4	43.2
JAB035F	50.0	50.7
JAB291F	55.1	47.1
JAB107F	44.7	43.7
JAB292F	46.2	44.5
JAB295F	51.4	49.2
JAB347F	61.8	52.5
JAB298F	48.5	44.8
JAB299F	49.6	43.7
JAB348F	61.6	48.2
JAB277F	47.5	44.2
JAB293F	45.9	40.1
JAB037F	52.8	52.4
JAB349F	57.6	47.7
JAB278F	46.0	41.4
JAB300F	52.6	45.8
JAB034F	50.8	44.5
JAB105F	55.6	51.2
JAB289F	53.0	48.3
JAB297F	55.8	51.9
JAB106F	48.8	48.9
JAB281F	52.3	49.0
JAB290F	51.9	45.5
RNG LOW	43.9	38.7
RNG HIGH	61.8	52.5
MEAN	51.4	45.9
STD.DEV.	4.7	3.9
N	30	30

APPENDIX AE - INDIVIDUAL MEASURED TEST MATERIAL CONSUMPTION - P2 FEMALES (CONT.)
DOSE: 160 MG/KG

TIME=	3 WEEKS	7 WEEKS
JAB302F	154.6	132.6
JAB038F	147.7	133.0
JAB110F	141.7	134.8
JAB305F	151.2	148.2
JAB113F	153.6	151.2
JAB116F	159.7	145.4
JAB311F	166.5	165.7
JAB118F	183.1	167.8
JAB314F	163.3	164.0
JAB121F	165.3	156.3
JAB124F	164.2	158.5
JAB127F	165.5	[illegible].1
JAB130F	185.1	[illegible]5.3
JAB319F	184.7	[illegible]64.9
JAB322F	167.5	163.4
JAB320F	149.5	[illegible]45.1
JAB114F	157.4	149.7
JAB306F	160.7	144.5
JAB313F	171.4	171.8
JAB323F	197.7	175.8
JAB310F	214.4	181.3
JAB117F	170.7	163.5
JAB040F	157.1	159.6
JAB309F	184.7	164.8
JAB039F	147.5	141.2
JAB317F	170.7	163.7
JAB120F	174.8	171.2
JAB112F	154.7	151.9
RNG LOW	141.7	132.6
RNG HIGH	214.4	181.3
MEAN	167.8	156.9
STD.DEV.	17.4	12.9
N	29	29

APPENDIX AE - INDIVIDUAL MEASURED TEST MATERIAL CONSUMPTION - P2 FEMALES (CONT.)
DOSE: 500 MG/KG

	TIME= 3 WEEKS	7 WEEKS
JAB325F	467.8	460.0
JAB133F	496.7	463.8
JAB327F	502.7	463.3
JAB041F	475.0	476.8
JAB331F	480.0	442.2
JAB135F	393.7	370.3
JAB136F	$S	572.3
JAB334F	472.5	448.8
JAB045F	479.6	709.8
JAB335F	520.1	470.1
JAB050F	548.7	441.9
JAB336F	502.9	527.1
JAB339F	639.6	519.5
JAB329F	448.9	521.5
JAB330F	512.2	523.8
JAB343F	619.1	537.3
JAB046F	493.9	449.8
JAB138F	473.8	503.9
JAB043F	489.6	492.8
JAB332F	460.2	526.3
JAB337F	547.0	467.1
JAB140F	503.8	473.4
JAB328F	480.5	599.6
JAB042F	460.4	434.5
JAB047F	431.7	495.9
JAB134F	517.9	476.2
JAB048F	469.1	519.4
JAB341F	660.4	511.7
JAB333F	504.6	503.4
JAB338F	501.9	490.3
RNG LOW	393.7	370.3
RNG HIGH	660.4	709.8
MEAN	503.6	496.4
STD.DEV.	55.9	60.1
N	29	30

NOTE: $ - VALUE EXCLUDED
S - EXCESSIVE SPILLAGE

APPENDIX AF - INDIVIDUAL REPRODUCTION DATA - P2/F2A

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibilized or Unsexed Day 0	Sex Ratio Live Day 0 Male	Female
0	JAB245	week 1 : JAB167	Y	N									
	JAB248	week 1 : JAB147	Y	Y	23	12	12	100.0	0	0.0		58.3	41.7
	JAB026	week 1 : JAB155	Y	Y	22	16	16	100.0	0	0.0		50.0	50.0
	JAB251	week 1 : JAB146	N										
		week 2 : JAB052	Y	Y	22	14	14	100.0	0	0.0		57.1	42.9
	JAB095	week 1 : JAB144	Y	N									
	JAB097	week 1 : JAB058	Y	Y	22	15	15	100.0	0	0.0		46.7	53.3
	JAB254	week 1 : JAB162	Y	Y	23	9	9	100.0	0	0.0		77.8	22.2
	JAB100	week 1 : JAB149	N										
		week 2 : JAB146	Y	Y	22	17	16	94.1	1	5.9		50.0	50.0
	JAB257	week 1 : JAB170	Y	Y	22	17	16	94.1	1	5.9		62.5	37.5
	JAB260	week 1 : JAB154	Y	Y	22	18	18	100.0	0	0.0		38.9	61.1
	JAB263	week 1 : JAB059	Y	Y	22	15	15	100.0	0	0.0		46.7	53.3
	JAB266	week 1 : JAB143	Y	Y	23	15	15	100.0	0	0.0		40.0	60.0
	JAB269	week 1 : JAB002	Y	Y	23	18	17	94.4	1	5.6	1	58.8	41.2
	JAB101	week 1 : JAB168	Y	Y	23	18	17	94.4	1	5.6		23.5	76.5
	JAB270	week 1 : JAB164	Y	Y	22	18	18	100.0	0	0.0		44.4	55.6
	JAB273 C	week 1 : JAB052	N										
		week 2 : JAB161	N										
		week 3 : JAB149	N	Y	C	15	15	100.0	0	0.0		40.0	60.0
	JAB252	week 1 : JAB172	Y	Y	22	16	16	100.0	0	0.0		50.0	50.0
	JAB028	week 1 : JAB053	Y	Y	22	18	17	94.4	1	5.6		58.8	41.2
	JAB275	week 1 : [illegible]152	Y	Y	22	18	18	100.0	0	0.0		38.9	61.1
	JAB255	week [illegible]41	Y	Y	23	16	16	100.0	0	0.0		68.8	31.3
	JAB264	week [illegible]45	Y	Y	22	15	15	100.0	0	0.0		60.0	40.0
	JAB267	week [illegible]60	Y	Y	23	17	17	100.0	0	0.0		29.4	70.6
	JAB262	week [illegible]158	Y	Y	22	17	17	100.0	0	0.0		35.3	64.7
	JAB102	week 1 : JAB001	Y	Y	23	17	14	82.4	3	17.6		71.4	28.6
	JAB246	week 1 : JAB161	N										
		week 2 : JAB051	Y	Y	24	2	1	50.0	1	50.0		100.0	0.0
	JAB256	week 1 : JAB055	Y	Y	23	10	10	100.0	0	0.0		40.0	60.0
	JAB098	week 1 : JAB156	Y	Y	22	15	15	100.0	0	0.0		60.0	40.0
	JAB249	week 1 : JAB166	Y	Y	22	15	15	100.0	0	0.0		46.7	53.3
	JAB253	week 1 : JAB051	N										
		week 2 : JAB149	N										
		week 3 : JAB161	Y	Y	22	18	18	100.0	0	0.0		55.6	44.4
	JAB271 X												

APPENDIX AF - INDIVIDUAL REPRODUCTION DATA - P2/F2A CONT.

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibilized or Unsexed Day 0	Sex Ratio Live Day 0 Male	Sex Ratio Live Day 0 Female
50	JAB029	week 1 : JAB010	Y	Y	22	17	17	100.0	0	0.0		70.6	29.4
	JAB032	week 1 : JAB175	N										
		week 2 : JAB187	N										
		week 3 : JAB189	Y	Y	23	17	17	100.0	0	0.0		23.5	76.5
	JAB276	week 1 : JAB194	Y	N									
	JAB279	week 1 : JAB189	N										
		week 2 : JAB064	Y	Y	22	14	12	85.7	2	14.3		50.0	50.0
	JAB104	week 1 : JAB174	Y	Y	23	13	12	92.3	1	7.7		66.7	33.3
	JAB282	week 1 : JAB007	Y	Y	22	13	13	100.0	0	0.0		46.2	53.8
	JAB285	week 1 : JAB344	Y	Y	23	16	15	93.8	1	6.3		40.0	60.0
	JAB288	week 1 : JAB197	Y	Y	22	17	17	100.0	0	0.0		58.8	41.2
	JAB035	week 1 : JAB181	Y	Y	22	14	13	92.9	1	7.1		76.9	23.1
	JAB291	week 1 : JAB191	N										
		week 2 : JAB193	Y	N									
	JAB107	week 1 : JAB184	Y	Y	22	19	19	100.0	0	0.0		52.6	47.4
	JAB292	week 1 : JAB176	Y	Y	24	1	0	0.0	1	100.0		0.0	0.0
	JAB295	week 1 : JAB064	Y	Y	22	7	7	100.0	0	0.0		71.4	28.6
	JAB347	week 1 : JAB009	Y	Y	22	16	16	100.0	0	0.0		75.0	25.0
	JAB298	week 1 : JAB201	Y	Y	22	5	5	100.0	0	0.0		20.0	80.0
	JAB299	week 1 : JAB177	Y	N									
	JAB348	week 1 : JAB182	Y	Y	23	19	19	100.0	0	0.0		47.4	52.6
	JAP277	week 1 : JAB061	Y	N									
	JAB293	week 1 : JAB198	Y	Y	23	5	5	100.0	0	0.0		60.0	40.0
	JAB037	week 1 : JAB173	Y	Y	22	14	13	92.9	1	7.1		38.5	61.5
	JAB349	week 1 : JAB196	Y	Y	22	16	16	100.0	0	0.0		25.0	75.0
	JAB278	week 1 : JAB185	Y	Y	22	16	15	93.8	1	6.3		46.7	53.3
	JAB300	week 1 : JAB187	N										
		week 2 : JAB008	N										
		week 3 : JAB187	N	N									
	JAB034	week 1 : JAB199	Y	N									
	JAB105 C	week 1 : JAB193	N										
		week 2 : JAB175	N										
		week 3 : JAB008	N	Y	C	14	14	100.0	0	0.0		50.0	50.0
	JAB289	week 1 : JAB008	N										
		week 2 : JAB189	N										
		week 3 : JAB175	Y	N									
	JAB297	week 1 : JAB173	Y	Y	23	15	15	100.0	0	0.0		60.0	40.0
	JAB106	week 1 : JAB188	Y	Y	22	17	17	100.0	0	0.0		47.1	52.9
	JAB281	week 1 : JAB004	Y	Y	23	6	6	100.0	0	0.0		66.7	33.3
	JAB290	week 1 : JAB200	Y	Y	22	14	14	100.0	0	0.0		42.9	57.1

APPENDIX AF - INDIVIDUAL REPRODUCTION DATA - P2/F2A CONT.

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibilized or Unsexed Day 0	Sex Ratio Live Day 0 Male	Female
												46.7	53.3
160	JAB302	week 1 : JAB206	Y	Y	22	15	15	100.0	0	0.0			
	JAB038	week 1 : JAB217	N									76.9	23.1
		week 2 : JAB208	Y	Y	22	14	13	92.9	1	7.1		40.0	60.0
	JAB110	week 1 : JAB073	Y	Y	22	15	15	100.0	0	0.0		46.7	53.3
	JAB305	week 1 : JAB211	Y	Y	23	16	15	93.8	1	6.3		63.2	36.8
	JAB113	week 1 : JAB067	Y	Y	22	20	19	95.0	1	5.0			
	JAB116	week 1 : JAB208	N										
		week 2 : JAB068	N										
		week 3 : JAB014	Y	Y	23	22	21	95.5	1	4.5	1	38.1	61.9
	JAB308	week 1 : JAB214	Y	N									
	JAB311	week 1 : JAB207	Y	Y	22	16	16	100.0	0	0.0		43.8	56.3
	JAB118	week 1 : JAB088	Y	N									
	JAB314	week 1 : JAB222	Y	N									
	JAB121	week 1 : JAB215	Y	Y	22	9	9	100.0	0	0.0		55.6	44.4
	JAB124	week 1 : JAB014	N										
		week 2 : JAB217	Y	N									
	JAB316 X												
	JAB127	week 1 : JAB205	Y	N									
	JAB130	week 1 : JAB071	Y	N									
	JAB319	week 1 : JAB076	Y	Y	22	15	15	100.0	0	0.0		33.3	66.7
	JAB322	week 1 : JAB085	Y	Y	22	14	14	100.0	0	0.0		35.7	64.3
	JAB320	week 1 : JAB081	Y	Y	23	3	3	100.0	0	0.0		33.3	66.7
	JAB114	week 1 : JAB202	N										
		week 2 : JAB014	N										
		week 3 : JAB068	N	N									
	JAB306	week 1 : JAB210	Y	Y	22	13	13	100.0	0	0.0		61.5	38.5
	JAB313	week 1 : JAB087	Y	Y	22	17	16	94.1	1	5.9		43.8	56.3
	JAB323	week 1 : JAB220	Y	Y	22	14	14	100.0	0	0.0		28.6	71.4
	JAB310	week 1 : JAB069	Y	Y	22	15	14	93.3	1	6.7		57.1	42.9
	JAB117	week 1 : JAB079	Y	Y	23	14	14	100.0	0	0.0		64.3	35.7
	JAB040	week 1 : JAB090	Y	Y	22	20	20	100.0	0	0.0		30.0	70.0
	JAB309	week 1 : JAB070	Y	Y	23	14	13	92.9	1	7.1		53.8	46.2
	JAB039	week 1 : JAB082	Y	Y	22	16	16	100.0	0	0.0		50.0	50.0
	JAB317	week 1 : JAB015	Y	Y	23	14	14	100.0	0	0.0		64.3	35.7
	JAB120	week 1 : JAB068	N										
		week 2 : JAB202	Y	N									
	JAB112	week 1 : JAB013	Y	Y	22	17	17	100.0	0	0.0		17.6	82.4

APPENDIX AF - INDIVIDUAL REPRODUCTION DATA - P2/F2A CONT.

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibilized or Unsexed Day 0	Sex Ratio Live Day 0 Male	Sex Ratio Live Day 0 Female
500	JAB325	week 1 : JAB228	Y	Y	22	13	13	100.0	0	0.0		61.5	38.5
	JAB133	week 1 : JAB224	Y	N									
	JAB327	week 1 : JAB231	Y	Y	22	12	12	100.0	0	0.0		50.0	50.0
	JAB041	week 1 : JAB227	Y	Y	23	13	5	38.5	8	61.5		40.0	60.0
	JAB331	week 1 : JAB024	Y	N									
	JAB135	week 1 : JAB025	Y	Y	21	7	7	100.0	0	0.0		14.3	85.7
	JAB136	week 1 : JAB235	Y	Y	23	4	4	100.0	0	0.0		75.0	25.0
	JAB334	week 1 : JAB238	N										
		week 2 : JAB019	N										
		week 3 : JAB239	N	N									
	JAB045	week 1 : JAB229	Y	Y	22	14	14	100.0	0	0.0		57.1	42.9
	JAB335	week 1 : JAB018	N										
		week 2 : JAB239	N										
		week 3 : JAB234	N	N									
	JAB050	week 1 : JAB021	Y	Y	22	12	12	100.0	0	0.0		41.7	58.3
	JAB336	week 1 : JAB237	Y	Y	22	11	11	100.0	0	0.0		27.3	72.7
	JAB339	week 1 : JAB241	N										
		week 2 : JAB232	N										
		week 3 : JAB238	Y	N									
	JAB329	week 1 : JAB230	Y	Y	22	11	11	100.0	0	0.0		45.5	54.5
	JAB330	week 1 : JAB091	Y	Y	22	8	6	75.0	2	25.0	2	83.3	16.7
	JAB343	week 1 : JAB239	N										
		week 2 : JAB018	N										
		week 3 : JAB232	N	N									
	JAB046	week 1 : JAB240	Y	Y	22	14	14	100.0	0	0.0		42.9	57.1
	JAB138	week 1 : JAB242	Y	N									
	JAB043	week 1 : JAB235	Y	N									
	JAB332	week 1 : JAB019	N										
		week 2 : JAB223	N										
		week 3 : JAB225	N	N									
	JAB337	week 1 : JAB093	N										
		week 2 : JAB022	N										
		week 3 : JAB223	Y	N									
	JAB140	week 1 : JAB236	N										
		week 2 : JAB241	Y	N									
	JAB328	week 1 : JAB234	N										
		week 2 : JAB093	Y	Y	22	14	14	100.0	0	0.0		42.9	57.1
	JAB042	week 1 : JAB232	N										
		week 2 : JAB234	N										
		week 3 : JAB018	N	N									
	JAB047	week 1 : JAB225	N										
		week 2 : JAB238	N										
		week 3 : JAB022	N	N									

APPENDIX AF - INDIVIDUAL REPRODUCTION DATA - P2/F2A CONT.

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibilized or Unsexed Day 0	Sex Ratio Live Day 0 Male	Sex Ratio Live Day 0 Female
500 cont.	JAB134	week 1 : JAB016	Y	Y	22	16	15	93.8	1	6.3		53.3	46.7
	JAB048	week 1 : JAB223	Y	N									
	JAB341	week 1 : JAB017	Y	Y	22	14	13	92.9	1	7.1		61.5	38.5
	JAB333	week 1 : JAB092	Y	N									
	JAB338	week 1 : JAB022	N										
		week 2 : JAB225	N										
		week 3 : JAB019	N	N									

Footnotes:

C = NO CONFIRMED DATE OF MATING X = ANIMAL DEAD

APPENDIX AG - INDIVIDUAL REPRODUCTION DATA - P2/F2B

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibalized /Unsexed Day 0	Sex Ratio Live Male	Sex Ratio Day 0 Female
0	JAB245	week 1 : JAB052	N										
		week 2 : JAB155	N										
		week 3 : JAB168	Y	Y	21	18	15	83.3	3	16.7	3	40.0	60.0
	JAB248	week 1 : JAB170	Y	Y	23	14	14	100.0	0	0.0		42.9	57.1
	JAB026	week 1 : JAB051	Y	Y	22	16	16	100.0	0	0.0		43.8	56.3
	JAB251	week 1 : JAB059	Y	Y	23	12	12	100.0	0	0.0		50.0	50.0
	JAB095 C	week 1 : JAB155	N										
		week 2 : JAB053	N										
		week 3 : JAB167	N										
		week 4 : JAB060	N	N									
	JAB097	week 1 : JAB161	Y	Y	22	18	18	100.0	0	0.0		38.9	61.1
	JAB254	week 1 : JAB055	Y	Y	23	8	8	100.0	0	0.0		25.0	75.0
	JAB100	week 1 : JAB160	N										
		week 2 : JAB154	Y	Y	U	16	16	100.0	0	0.0		62.5	37.5
	JAB257	week 1 : JAB144	Y	Y	23	16	14	87.5	2	12.5		50.0	50.0
	JAB260	week 1 : JAB058	N										
		week 2 : JAB058	Y	Y	23	18	18	100.0	0	0.0		38.9	61.1
	JAB263	week 1 : JAB172	Y	N									
	JAB266	week 1 : JAB001	Y	Y	24	11	11	100.0	0	0.0		36.4	63.6
	JAB269	week 1 : JAB162	Y	Y	23	14	14	100.0	0	0.0		50.0	50.0
	JAB101	week 1 : JAB149	Y	Y	23	15	15	100.0	0	0.0		66.7	33.3
	JAB270	week 1 : JAB143	Y	Y	22	20	20	100.0	0	0.0		40.0	60.0
	JAB273 Q	week 1 : JAB156	Y	Y	23	18	18	100.0	0	0.0	1(5.5)	38.9	55.6
	JAB252	week 1 : JAB167	N										
		week 2 : JAB160	Y	Y	22	11	10	90.9	1	9.1		60.0	40.0
	JAB028	week 1 : JAB164	Y	Y	22	16	16	100.0	0	0.0		31.3	68.8
	JAB275	week 1 : JAB145	Y	Y	23	15	15	100.0	0	0.0		40.0	60.0
	JAB255	week 1 : JAB166	Y	Y	23	20	20	100.0	0	0.0		35.0	65.0
	JAB264	week 1 : JAB146	Y	Y	22	14	14	100.0	0	0.0		21.4	78.6
	JAB267	week 1 : JAB152	Y	N									
	JAB262	week 1 : JAB002	Y	Y	23	16	15	93.8	1	[illegible].3		46.7	53.3
	JAB102	week 1 : JAB147	Y	Y	23	17	16	94.1	1	5.9		62.5	37.5
	JAB246	week 1 : JAB168	N										
		week 2 : JAB167	N										
		week 3 : JAB053	N										
		week 4 : JAB059	N	N									
	JAB256	week 1 : JAB053	N										
		week 2 : JAB168	N										
		week 3 : JAB155	Y	Y	22	14	14	100.0	0	0.0		57.1	42.9
	JAB098	week 1 : JAB060	Y	Y	23	11	10	90.9	1	9.1		80.0	20.0
	JAB249	week 1 : JAB141	Y	Y	23	16	16	100.0	0	0.0		43.8	56.3
	JAB253	week 1 : JAB158	Y	Y	22	17	17	100.0	0	0.0		47.1	52.9
	JAB271 X												

APPENDIX AG - INDIVIDUAL REPRODUCTION DATA - P2/F2B CONT.

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibalized /Unsexed Day 0	Sex Ratio Live Male	Sex Ratio Day 0 Female
50	JAB029	week 1 : JAB344	Y	Y	22	15	15	100.0	0	0.0		26.7	73.3
	JAB032	week 1 : JAB061	Y	Y	22	15	15	100.0	0	0.0		73.3	26.7
	JAB275	week 1 : JAB189	Y	N									
	JAB279 C	week 1 : JAB184	N										
		week 2 : JAB193	N										
		week 3 : JAB194	N	Y	C	14	14	100.0	0	0.0		35.7	64.3
	JAB104	week 1 : JAB008	Y	Y	22	18	11	61.1	7	38.9		54.5	45.5
	JAB282	week 1 : JAB185	Y	N									
	JAB285	week 1 : JAB173	Y	N									
	JAB288	week 1 : JAB200	Y	Y	22	15	15	100.0	0	0.0		46.7	53.3
	JAB035	week 1 : JAB185	N										
		week 2 : JAB184	Y	Y	23	15	15	100.0	0	0.0		73.3	26.7
	JAB291	week 1 : JAB201	N										
		week 2 : JAB177	N										
		week 3 : JAB007	N										
		week 4 : JAB185	Y	N									
	JAB107	week 1 : JAB175	Y	Y	23	6	6	100.0	0	0.0		50.0	50.0
	JAB292	week 1 : JAB188	N										
		week 2 : JAB185	Y	Y	23	12	11	91.7	1	8.3		45.5	54.5
	JAB295	week 1 : JAB199	Y	Y	23	7	7	100.0	0	0.0		71.4	28.6
	JAB347	week 1 : JAB187	Y	Y	23	15	15	100.0	0	0.0		33.3	66.7
	JAB298	week 1 : JAB004	Y	N									
	JAB299	week 1 : JAB193	N										
		week 2 : JAB194	N										
		week 3 : JAB188	N										
		week 4 : JAB061	N	N									
	JAB348	week 1 : JAB191	Y	Y	23	19	19	100.0	0	0.0		52.6	47.4
	JAB277	week 1 : JAB176	Y	N									
	JAB293 C	week 1 : JAB007	N										
		week 2 : JAB168	N										
		week 3 : JAB201	N	Y	C	19	18	94.7	1	5.3		61.1	38.9
	JAB037	week 1 : JAB064	Y	Y	22	15	15	100.0	0	0.0		60.0	40.0
	JAB349	week 1 : JAB009	Y	Y	23	16	16	100.0	0	0.0		62.5	37.5
	JAB278	week 1 : JAB194	N										
		week 2 : JAB201	N										
		week 3 : JAB177	Y	Y	22	11	11	100.0	0	0.0		63.6	36.4
	JAB300	week 1 : JAB177	N										
		week 2 : JAB007	N										
		week 3 : JAB193	N										
		week 4 : JAB182	Y	N									

APPENDIX AG - INDIVIDUAL REPRODUCTION DATA - P2/F2B CONT.

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibalized /Unsexed Day 0	Sex Ratio Live Male	Sex Ratio Day 0 Female
50	JAB034	week 1 : JAB174	Y	N									
	JAB105	week 1 : JAB181	Y	Y	23	18	18	100.0	0	0.0		72.2	27.8
	JAB289	week 1 : JAB198	Y	Y	23	15	14	93.3	1	6.7		28.6	71.4
	JAB297	week 1 : JAB010	Y	Y	23	13	13	100.0	0	0.0		69.2	30.8
	JAB106	week 1 : JAB197	Y	Y	22	16	16	100.0	0	0.0		68.8	31.3
	JAB281	week 1 : JAB182	Y	N									
	JAB290	week 1 : JAB196	Y	Y	22	13	13	100.0	0	0.0		23.1	76.9
160	JAB302	week 1 : JAB207	Y	Y	22	19	19	100.0	0	0.0		52.6	47.4
	JAB038	week 1 : JAB082	Y	Y	22	14	13	92.9	1	7.1		46.2	53.8
	JAB110	week 1 : JAB070	Y	Y	22	15	15	100.0	0	0.0		33.3	66.7
	JAB305	week 1 : JAB208	Y	Y	23	15	15	100.0	0	0.0		66.7	33.3
	JAB113	week 1 : JAB073	Y	Y	23	16	16	100.0	0	0.0		50.0	50.0
	JAB116	week 1 : JAB211	Y	Y	23	5	5	100.0	0	0.0		60.0	40.0
	JAB308	week 1 : JAB076	Y	Y	23	6	6	100.0	0	0.0		50.0	50.0
	JAB311	week 1 : JAB014	Y	Y	23	17	17	100.0	0	0.0		70.6	29.4
	JAB118	week 1 : JAB085	N										
		week 2 : JAB215	Y	N									
	JAB314	week 1 : JAB220	N										
		week 2 : JAB085	N										
		week 3 : JAB069	N										
		week 4 : JAB067	N	N									
	JAB121	week 1 : JAB090	Y	Y	23	13	13	100.0	0	0.0		46.2	53.8
	JAB124	week 1 : JAB079	N										
		week 2 : JAB069	N										
		week 3 : JAB085	N										
		week 4 : JAB207	Y	N									
	JAB316X												
	JAB127	week 1 : JAB067	Y	Y	23	14	13	92.9	1	7.1	1	30.8	69.2
	JAB130	week 1 : JAB086	Y	Y	23	17	17	100.0	0	0.0		41.2	58.8
	JAB319	week 1 : JAB210	Y	Y	22	18	18	100.0	0	0.0		61.1	38.9
	JAB322	week 1 : JAB217	Y	N									
	JAB320	week 1 : JAB015	Y	Y	22	17	17	100.0	0	0.0		76.5	23.5
	JAB114	week 1 : JAB013	Y	N									
	JAB306	week 1 : JAB215	N										
		week 2 : JAB220	Y	N									
	JAB313	week 1 : JAB081	Y	Y	23	11	11	100.0	0	0.0		63.6	36.4
	JAB323	week 1 : JAB068	Y	N									
	JAB310	week 1 : JAB206	Y	N									
	JAB117	week 1 : JAB214	Y	N									
	JAB040	week 1 : JAB087	Y	Y	23	18	17	94.4	1	5.6		52.9	47.1
	JAB309	week 1 : JAB205	Y	Y	22	15	15	100.0	0	0.0		53.3	46.7
	JAB039	week 1 : JAB222	Y	Y	22	11	11	100.0	0	0.0		81.8	18.2

APPENDIX AG - INDIVIDUAL REPRODUCTION DATA - P2/F2B CONT.

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibalized /Unsexed Day 0	Sex Ratio Live Male	Sex Ratio Day 0 Female
160	JAB317	week 1 : JAB202	Y	N									
	JAB120	week 1 : JAB071	Y	N									
	JAB112	week 1 : JAB088	Y	Y	23	18	18	100.0	0	0.0		44.4	55.6
500	JAB325	week 1 : JAB233	N										
		week 2 : JAB093	N										
		week 3 : JAB229	Y	N									
	JAB133 R	week 1 : JAB229	N										
		week 2 : JAB231	Y	Y									
	JAB327	week 1 : JAB225	N										
		week 2 : JAB018	Y	Y	22	14	14	100.0	0	0.0		42.9	57.1
	JAB041	week 1 : JAB223	Y	N									
	JAB331	week 1 : JAB016	N										
		week 2 : JAB225	N										
		week 3 : JAB242	N										
		week 4 : JAB234	N	N									
	JAB135	week 1 : JAB230	Y	N									
	JAB136	week 1 : JAB240	N										
		week 2 : JAB024	Y	N									
	JAB334	week 1 : JAB022	N										
		week 2 : JAB227	N										
		week 3 : JAB093	N										
		week 4 : JAB228	N	N									
	JAB045	week 1 : JAB228	Y	Y	22	15	15	100.0	0	0.0		53.3	46.7
	JAB335	week 1 : JAB232	N										
		week 2 : JAB022	N										
		week 3 : JAB224	N										
		week 4 : JAB223	N	N									
	JAB050	week 1 : JAB231	N										
		week 2 : JAB238	Y	N									
	JAB336	week 1 : JAB235	Y	Y	23	4	4	100.0	0	0.0		50.0	50.0
	JAB339	week 1 : JAB021	Y	Y	23	14	1	7.1	13	92.9		100.0	0.0
	JAB329	week 1 : JAB237	Y	Y	22	13	13	100.0	0	0.0		46.2	53.8
	JAB330	week 1 : JAB229	Y	Y	23	10	10	100.0	0	0.0		50.0	50.0
	JAB343	week 1 : JAB224	N										
		week 2 : JAB233	N										
		week 3 : JAB019	N										
		week 4 : JAB092	N	N									
	JAB046	week 1 : JAB239	N										
		week 2 : JAB242	N										
		week 3 : JAB025	N										
		week 4 : JAB237	Y	N									

APPENDIX AG - INDIVIDUAL REPRODUCTION DATA - P2/F2B CONT.

Dose (MG/KG)	Female ID	Male Mated ID	Confirmed Mated	Pregnant	Gestation Length Day 0	Total Offspring Day 0	Live Day 0 N	Live Day 0 %	Dead Day 0 N	Dead Day 0 %	Number Cannibalized /Unsexed Day 0	Sex Ratio Day 0 Live Male	Sex Ratio Day 0 Female
500	JAB138	week 1 : JAB238	N										
		week 2 : JAB240	N										
		week 3 : JAB227	Y	N									
	JAB043	week 1 : JAB019	N										
		week 2 : JAB241	Y	N									
	JAB332	week 1 : JAB025	N										
		week 2 : JAB232	N										
		week 3 : JAB233	Y	N									
	JAB337	week 1 : JAB091	Y	Y	22	8	8	100.0	0	0.0		50.0	50.0
	JAB140	week 1 : JAB092	Y	N									
	JAB328	week 1 : JAB017	Y	Y	22	13	13	100.0	0	0.0		61.5	38.5
	JAB042	week 1 : JAB093	N										
		week 2 : JAB025	N										
		week 3 : JAB239	N										
		week 4 : JAB229	N	N									
	JAB047	week 1 : JAB242	N										
		week 2 : JAB239	N										
		week 3 : JAB016	N										
		week 4 : JAB231	N	N									
	JAB134 C	week 1 : JAB227	N										
		week 2 : JAB019	N										
		week 3 : JAB022	N	Y	C	8	3	37.5	5	62.5		100.0	0.0
	JAB048	week 1 : JAB241	N										
		week 2 : JAB229	N										
		week 3 : JAB225	N										
		week 4 : JAB235	N	N									
	JAB341	week 1 : JAB024	N										
		week 2 . JAB016	N										
		week 3 : JAB240	N										
		week 4 : JAB091	N	N									
	JAB333	week 1 : JAB234	Y	N									
	JAB338	week 1 : JAB018	N										
		week 2 : JAB224	N										
		week 3 : JAB232	N										
		week 4 : JAB227	N	N									

KEY:
C = NO CONFIRMED DATE OF MATING
Q = 1 LIVE PUP OF UNDETERMINED SEX
R = APPARENT DELIVERY, NO PUPS FOUND
U = UNDETERMINED
X = ANIMAL DEAD

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB248
DELIVERY IN PROGRESS: 31-JUL-90 (10 live pups present)
PARTURITION: 1-AUG-90
Total Born: 12 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	5	7	5	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	5	7	5	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB248 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB026
DELIVERY IN PROGRESS: 1-AUG-90 (15 live pups present)
PARTURITION: 2-AUG-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	8	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	8	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB026 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AB - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB251
PARTURITION: 7-AUG-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	6	8	6	8	6	8	6	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	6	8	6	8	6	8	6	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB251 (continued)
PARTURITION: 7-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB097
PARTURITION: 31-JUL-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	8	7	8	7	8	7	8	7	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	8	7	8	7	7	7	7	7	8	5	5	5	5	5	5	5	4	5	4	5	4	5	5
WITHOUT MILK (b)	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB(S): UPPER LEFT HINDLEG	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB097 (continued)
PARTURITION: 31-JUL-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB254
DELIVERY IN PROGRESS: 31-JUL-90 (9 live pups present, 1 male pup found dead)
PARTURITION: 1-AUG-90
Total Born: 10 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 9)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled after Day 4 observations as per protocol; litter is less than 10 pups.
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB254 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2	7	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB100
PARTURITION: 13-AUG-90
Total Born: 18 (Total Dead: 1, Total Cannibalized: 1, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	8	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	8	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANNIBALIZED	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB100 (continued)
PARTURITION: 13-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB257
PARTURITION: 31-JUL-90
Total Born: 17 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	6	10	6	10	6	10	6	10	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	6	10	6	10	6	10	6	10	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB257 (continued)
PARTURITION: 31-JUL-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECT TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB260
PARTURITION: 3-AUG-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	11	5	11	5	11	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	11	5	11	5	11	5	10	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: RIGHT UPPER FORELEG, DORSAL CRANIUM, AND DORSAL THORACIC	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB260 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB263
PARTURITION: 2-AUG-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)*		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	8	6	7	6	7	6	7	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	8	6	7	6	7	6	7	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated prior to Day 4 cull
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

NOT SUBJECTED TO QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB263 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB266
DELIVERY IN PROGRESS: 2-AUG-90 (7 live pups present)
PARTURITION: 3-AUG-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	9	6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	9	6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB266 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB269
DELIVERY IN PROGRESS: 31-JUL-90 (17 live pups present, 1 pup found cannibalized)
PARTURITION: 1-AUG-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 1, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	7	10	7	10	7	10	7	10	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	7	10	7	10	7	10	7	10	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB269 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB101
DELIVERY IN PROGRESS: 2-AUG-90 (12 live pups present)
PARTURITION: 3-AUG-90
Total Born: 18 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1 *		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	13	5	12	5	12	5	12	5	12	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	13	5	12	5	12	5	12	5	12	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated Day 1
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

NOT SUBJECTED TO QUALITY

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB101 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB27C
PARTURITION: 3-AUG-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	10	8	10	8	10	8	10	8	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	10	8	10	8	10	8	10	8	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	1	1	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB270 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB273
PARTURITION: 2-AUG-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	9	6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	9	6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB273 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB252
DELIVERY IN PROGRESS: 30-JUL-90 (3 live pups present)
PARTURITION: 31-JUL-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	8	8	8	8	8	8	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	8	8	8	8	8	8	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB252 (continued)
PARTURITION: 31-JUL-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB028
PARTURITION: 3-AUG-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1 *		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	7	10	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	7	10	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated Day 1
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB028 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB275
PARTURITION: 3-AUG-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3			DAY 4 (a)*		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION																									
	M	F	M	F	M	F	M	F	U	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	11	7	9	6	8	6	7		5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD (PARTIALLY CANNIBALIZED)	0	0	0	0	0	0	0	0	1 (1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	2	1	1	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	11	7	9	6	6	6	5		5	6	5	3	5	3	5	3	5	3	5	3	5	3	5	3
WITHOUT MILK (b)	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAIL TRUNCATED 5%	0	0	0	0	0	2	0	2		0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

* Pup sex re-evaluated prior to Day 4 cull
U Undetermined sex
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB275 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
TAIL TRUNCATED 5%	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB255
DELIVERY IN PROGRESS: 31-JUL-90 (18 live pups present)
PARTURITION: 1-AUG-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 2, Total Alive: 16)

TIME:	DAY 0			DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	U	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	11	5		9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	11	5		9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	1	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

U = Undetermined sex
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB255 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB264
PARTURITION: 2-AUG-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	6	9	6	9	6	9	6	9	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	6	9	6	9	6	9	6	9	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB264 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB267
DELIVERY IN PROGRESS: 2-AUG-90 (7 live pups present)
PARTURITION: 3-AUG-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	12	5	12	5	11	5	11	5	11	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	12	5	12	5	11	5	11	5	11	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB267 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB262
PARTURITION: 1-AUG-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	11	6	11	6	11	6	11	6	11	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	11	6	11	6	11	6	11	6	11	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH -- INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB262 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB102
DELIVERY IN PROGRESS: 4-AUG-90 (1 live pup present)
PARTURITION: 5-AUG-90
Total Born: 17 (Total Dead: 3, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	4	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3
TOTAL FOUND DEAD (A.M.)	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	0	0
TOTAL FOUND DEAD (P.M.)	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	0
NO OBSERVABLE ABNORMALITIES	10	4	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3
WITHOUT MILK (b)	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled as per protocol; litter is less than 10 pups.
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB102 (continued)
PARTURITION: 5-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB246
DELIVERY IN PROGRESS: 10-AUG-90 (1 dead pup present)
PARTURITION: 11-AUG-90
Total Born: 2 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 1)

TIME:	DAY 0		DAY 1	
OBSERVATION	M	F	M	F
TOTAL SURVIVORS	1	0	0	0
TOTAL FOUND DEAD	0	0	0	0
TOTAL MISSING (a)	0	0	1	0
NO OBSERVABLE ABNORMALITIES	1	0	0	0
WITHOUT MILK (b)	1	0	0	0

(a) Missing, presumed cannibalized
(b) All live pups with milk unless otherwise noted

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB256
DELIVERY IN PROGRESS: 4-AUG-90 (9 live pups present)
PARTURITION: 5-AUG-90
Total Born: 10 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 10)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled as per protocol; litter equals 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB256 (continued)
PARTURITION: 5-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX A1 - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB098
DELIVERY IN PROGRESS: 1-AUG-9 (3 live pups present)
PARTURITION: 2-AUG-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	6	9	6	8	6	8	6	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	6	8	5	8	6	8	6	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLUE DISCOLORATION:																								
THORACIC/CERVICAL	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DORSAL THORACIC	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB098 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing. presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB249
PARTURITION: 31-JUL-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	8	7	8	7	8	7	8	7	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	8	7	8	7	8	7	8	7	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB249 (continued)
PARTURITION: 31-JUL-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2[illegible] CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB253
PARTURITION: 18-AUG-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	8	10	8	10	8	10	8	10	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	8	10	8	10	8	10	8	10	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB253 (continued)
PARTURITION: 18-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
APPARENT UMBILICAL HERNIA	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECT TO [illegible]

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB029
DELIVERY IN PROGRESS: 1-AUG-90 (1 live pup present)
PARTURITION: 2-AUG-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	12	5	9	5	9	5	9	4	9	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD (A.M.)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL FOUND DEAD (P.M.)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	12	5	9	5	9	5	9	4	9	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB029 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB032
DELIVERY IN PROGRESS: 13-AUG-90 (1 live pup present)
PARTURITION: 15-AUG-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	13	4	13	4	13	4	13	4	13	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	13	4	13	4	13	4	13	4	13	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB032 (continued)
PARTURITION: 15-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB279
PARTURITION: 9-AUG-90
Total Born: 14 (Total Dead: 2, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	6	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	6	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

NOT SUBJ... QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB279 (continued)
PARTURITION: 9-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DATA
NOT SUBMITTED
CLASSIFIED

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB104
DELIVERY IN PROGRESS: 31-JUL-90 (12 live pups present, 1 female pup found dead)
PARTURITION: 1-AUG-90
Total Born: 13 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	4	8	4	8	4	8	4	8	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	4	8	4	8	4	8	4	8	4	5	4	5	3	5	3	5	3	5	3	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: RIGHT HINDPAW	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0

(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB104 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB282
PARTURITION: 3-AUG-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0 *		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	7	7	3	7	3	7	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2
TOTAL FOUND DEAD (PM) (CANNIBALIZED)	0	1 (1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	4	6	1	6	1	6	2	5	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2
WITHOUT MILK (b)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACERATION: DORSAL CERVICAL	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIGHT LATERAL CERVICAL	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABDOMINAL REGION	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEFT LATERAL CERVICAL	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(UPPER) RIGHT HINDLEG	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: DORSAL CERVICAL	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated Day 0
(a) Animals not culled, less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB282 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB285
DELIVERY IN PROGRESS: 2-AUG-90 (13 live pups present, 1 female pup found dead)
PARTURITION: 3-AUG-90
Total Born: 16 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	9	6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	9	6	9	6	9	6	9	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB285 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB288
PARTURITION: 2-AUG-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	7	10	7	10	7	10	7	10	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	7	10	7	10	7	10	7	10	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB288 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	C	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SCAB: RIGHT UPPER FORELEG	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB035
PARTURITION: 2-AUG-90
Total Born: 14 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	3	10	3	10	3	10	3	10	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	3	10	3	10	3	10	3	10	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 3 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB035 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB107
PARTURITION: 31-JUL-90
Total Born: 19 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 19)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	9	10	9	10	9	10	9	8	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	9	10	9	10	9	10	9	8	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB107 (continued)
PARTURITION: 31-JUL-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB292
PARTURITION: 4-AUG-90
Total Born: 1 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 0)

TIME:	DAY 0	
OBSERVATION	M	F
TOTAL SURVIVORS	0	0
TOTAL FOUND DEAD	1	0
TOTAL MISSING	0	0
NO OBSERVABLE ABNORMALITIES	0	0
WITHOUT MILK	0	0

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP. 50 MG/KG

DAM NUMBER: JAB295
PARTURITION: 3-AUG-90
Total Born: 7 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 7)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	4	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APPARENT UMBILICAL HERNIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

(a) Animals not culled as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB295 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	5	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APPARENT UMBILICAL HERNIA	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB347
PARTURITION: 2-AUG-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	12	4	12	4	12	4	12	4	12	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	12	4	12	4	12	4	12	4	12	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB347 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB298
PARTURITION: 1-AUG-90
Total Born: 5 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 5)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4
WITHOUT MILK (b)	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB298 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB348
DELIVERY IN PROGRESS: 2-AUG-90 (16 live pups present)
PARTURITION: 3-AUG-90
Total Born: 19 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 19)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	10	8	9	8	9	8	9	8	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OPSERVABLE ABNORMALITIES	9	10	8	9	8	9	8	9	8	8	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAIL TRUNCATED 5%	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB348 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TAIL TRUNCATED 5%	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: [illegible]AB293
DELIVERY IN PROGRESS: 31-JUL-90 (5 live pups present)
PARTURITION: 1-AUG-90
Total Born: 5 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 5)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
WITHOUT M[illegible] (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB293 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB037
PARTURITION: 3-AUG-90
Total Born: 14 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	8	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	8	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB037 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB349
PARTURITION: 1-AUG-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	12	4	12	4	12	4	12	4	12	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	12	4	12	4	12	4	12	4	12	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB349 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB278
PARTURITION: 1-AUG-90
Total Born: 16 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	8	7	6	7	6	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	8	7	6	7	6	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB278 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB105
PARTURITION: 2-AUG-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB105 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBMITTED

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB297
DELIVERY IN PROGRESS: 31-JUL-90 (3 live pups present)
PARTURITION: 1-AUG-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	6	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	6	8	5	9	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACERATION: POSTERIOR DORSAL	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	[illegible]	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECT TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB297 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB106
PARTURITION: 31-JUL-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	9	8	9	8	9	8	9	8	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	9	8	9	8	9	8	9	8	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DATA
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB106 (continued)
PARTURITION: 31-JUL-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All liv[redacted] pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB281
DELIVERY IN PROGRESS: 1-AUG-90 (3 live pups present)
PARTURITION: 2-AUG-90
Total Born: 6 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 6)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
TOTAL FOUND DEAD	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB281 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB290
PARTURITION: 4-AUG-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	8	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	8	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observation
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

[illegible]
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB290 (continued)
PARTURITION: 4-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

NOT SUBMITTED
EXHIBIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB302
PARTURITION: 3-AUG-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1 *		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	8	8	7	8	7	8	7	8	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	8	8	7	8	7	8	7	8	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated on Day 1
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

[illegible]
NOT SCANNED
[illegible]

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB302 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB038
PARTURITION: 7-AUG-90
Total Born: 14 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	3	10	3	10	3	10	3	10	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	3	10	3	10	3	10	3	10	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
WITHOUT MILK (b)	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 3 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB038 (continued)
PARTURITION: 7-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECT TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB110
PARTURITION: 1-AUG-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	9	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	9	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QUALITY

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB110 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBMITTED

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB305
DELIVERY IN PROGRESS: 3-AUG-90 (14 live pups present)
PARTURITION: 4-AUG-90
Total Born: 16 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	8	7	8	7	8	7	8	7	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	8	7	8	7	8	7	8	7	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB305 (continued)
PARTURITION: 4-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

NOT SUBJECTED TO QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB113
PARTURITION: 1-AUG-90
Total Born: 20 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 19)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	12	7	12	7	12	7	12	7	12	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	12	7	12	7	12	7	12	7	12	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB113 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	0	0	0	0	0	0	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
THIN HAIR COAT	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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NOT SUBJECTED TO
QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB116
DELIVERY IN PROGRESS: 15-AUG-90 (22 live pups present)
PARTURITION: 16-AUG-90
Total Born: 22 (Total Dead: 0, Total Cannibalized: 1, Total Alive: 21)

TIME:	DAY 0			DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	U	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	13		8	13	8	13	8	13	8	13	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	13		7	13	7	13	7	13	7	13	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSING 1 DIGIT: RIGHT HINDPAW	1	0		1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

U = Undetermined sex
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB116 (continued)
PARTURITION: 16-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB311
DELIVERY IN PROGRESS: 30-JUL-90 (2 live pups present)
PARTURITION: 31-JUL-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	9	7	9	7	9	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	9	7	9	7	9	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB311 (continued)
PARTURITION: 31-JUL-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB121
DELIVERY IN PROGRESS: 31-JUL-90 (8 live pups present)
PARTURITION: 1-AUG-90
Total Born: 9 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 9)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB121 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

NOT SUBJECT TO QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB319
PARTURITION: 4-AUG-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	10	5	10	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	10	5	10	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	1	4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB319 (continued)
PARTURITION: 4-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB322
PARTURITION: 5-AUG-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	9	4	9	4	8	4	8	4	8	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	8	4	8	4	8	4	8	4	8	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSING: BOTH HINDLEGS AND TAIL	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB322 (continued)
PARTURITION: 5-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB320
DELIVERY IN PROGRESS: 31-JUL-90 (3 live pups present)
PARTURITION: 1-AUG-90
Total Born: 3 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 3)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals nct culled as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB320 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

[redacted]
NOT SUBMITTED
QA NOTE

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB306
PARTURITION: 1-AUG-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	5	8	5	8	5	8	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	5	8	5	8	5	8	5	8	5	5	5	5	5	5	4	5	4	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: UPPER LEFT HINDLEG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB306 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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QA AUDIT

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB313
PARTURITION: 2-AUG-90
Total Born: 17 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	9	7	9	7	9	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	9	7	9	7	9	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB313 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB323
PARTURITION: 3-AUG-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	10	4	10	4	9	4	9	4	9	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	10	4	10	4	9	4	9	4	9	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB323 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB310
DELIVERY IN PROGRESS: 1-AUG-90 (9 live pups present)
PARTURITION: 2-AUG-90
Total Born: 15 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	6	8	6	8	6	8	6	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	6	8	6	8	6	8	6	8	6	5	5	5	5	5	5	5	5	5	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THIN HAIR COAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB310 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
THIN HAIR COAT	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB117
DELIVERY IN PROGRESS: 1-AUG-90 (3 live pups present)
PARTURITION: 2-AUG-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1 *		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	5	10	4	10	4	10	4	10	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	5	10	4	10	4	10	4	10	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated Day 1
(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB117 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB040
PARTURITION: 2-AUG-90
Total Born: 20 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 20)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	14	6	12	6	12	6	12	6	12	5	5	5	5	5	5	5	5	5	5	4	5	4	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
NO OBSERVABLE ABNORMALITIES	6	14	6	12	6	12	6	12	6	12	5	5	5	5	5	5	5	5	5	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB040 (continued)
PARTURITION: 2-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB309
PARTURITION: 1-AUG-90
Total Born: 14 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	6	7	6	7	6	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	6	7	6	7	6	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB309 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB039
PARTURITION: 4-AUG-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	8	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	8	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB039 (continued)
PARTURITION: 4-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB317
DELIVERY IN PROGRESS: 31-JUL-90 (14 live pups present)
PARTURITION: 1-AUG-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB317 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB112
PARTURITION: 3-AUG-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	14	3	14	3	14	3	14	3	14	3	5	2	5	2	5	2	5	2	5	2	5	2	5
TOTAL FOUND DEAD (P.M.)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	14	3	14	3	14	3	14	3	14	3	5	2	5	2	5	2	5	2	5	2	5	1	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: POSTERIOR DORSAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

(a) Animals culled to 3 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB112 (continued)
PARTURITION: 3-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SCABS: POSTERIOR DORSAL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB325
PARTURITION: 1-AUG-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	5	5	1	4	0	4	0	4	0	4	0	4	0	4	0	3	0	3	0	2	0	2	0
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	3	4	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
NO OBSERVABLE ABNORMALITIES	8	5	5	1	4	0	4	0	4	0	4	0	4	0	4	0	3	0	3	0	2	0	2	0
WITHOUT MILK (b)	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB325 (continued)
PARTURITION: 1-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB327
PARTURITION: 3-AUG-90
Total Born: 12 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3	
OBSERVATION	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	6	4	5	1	0	0	0
TOTAL FOUND DEAD (A.M.)	0	0	1	1	0	2	0	0
(PARTIALLY CANNIBALIZED)				(1)				
(CANNIBALIZED)						(1)		
TOTAL FOUND DEAD (P.M.)	0	0	0	2	0	1	0	0
(CANNIBALIZED)				(1)				
TOTAL MISSING (c)	0	0	1	0	3	0	1	0
NO OBSERVABLE ABNORMALITIES	6	6	4	4	1	0	0	0
WITHOUT MILK (b)	0	0	1	4	0	0	0	0
(PARTIALLY) CANNIBALIZED	0	0	0	1	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB041
DELIVERY IN PROGRESS: 31-JUL-90 (7 live pups present, 2 male and 2 female pups found dead)
PARTURITION: 1-AUG-90
Total Born: 13 (Total Dead: 8, Total Cannibalized: 0, Total Alive: 5)

TIME:	DAY 0		DAY 1	
OBSERVATION	M	F	M	F
TOTAL SURVIVORS	2	3	0	0
TOTAL FOUND DEAD	3	1	0	0
TOTAL FOUND DEAD (P.M.)	2	2	0	0
TOTAL MISSING (c)	0	0	0	1
NO OBSERVABLE ABNORMALITIES	2	3	0	0
WITHOUT MILK (b)	2	3	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB135
PARTURITION: 31-JUL-90
Total Born: 7 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 7)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6
WITHOUT MILK (b)	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB135 (continued)
PARTURITION: 31-JUL-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	[illegible]	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB136
PARTURITION: 4-AUG-90
Total Born: 4 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 4)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB136 (continued)
PARTURITION: 4-AUG-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB045
PARTURITION: 31-JUL-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	6	7	6	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	6	7	6	7	5	7	5	7	4	5	4	5	4	5	4	5	4	5	4	5	4	5	5
WITHOUT MILK (b)	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: RIGHT UPPER FORELEG	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB045 (continued)
PARTURITION: 31-JUL-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB050
PARTURITION: 2-AUG-90
Total Born: 12 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4		
OBSERVATION	M	F	M	F	M	F	M	F	M	F	U
TOTAL SURVIVORS	5	7	5	7	5	5	1	2	0	0	
TOTAL FOUND DEAD (CANNIBALIZED)	0	0	0	0	0	1	4	2	0	0	1 (1)
TOTAL MISSING (c)	0	0	0	0	0	1	0	1	0	0	2
NO OBSERVABLE ABNORMALITIES	5	7	5	7	5	5	1	2	0	0	
WITHOUT MILK (b)	3	2	1	2	5	5	0	1	0	0	

U = Undetermined sex
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB336
PARTURITION: 2-AUG-90
Total Born: 11 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1	
OBSERVATION	M	F	M	F
TOTAL SURVIVORS	3	8	0	0
TOTAL FOUND DEAD (P.M.)	0	2	0	0
TOTAL MISSING (c)	0	0	3	6
NO OBSERVABLE ABNORMALITIES	3	8	0	0
WITHOUT MILK (b)	3	8	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB329
PARTURITION: 31-JUL-90
Total Born: 11 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)*		DAY 5		DAY 6		DAY 7 *		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	6	5	6	4	6	4	6	5	5	5	5	5	5	4	6	4	6	4	6	4	6	4	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	6	5	6	4	6	4	6	5	5	5	5	5	5	4	6	4	6	4	6	4	6	4	6
WITHOUT MILK (b)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated Days 4 and 7
(a) Litter not culled, 10 pups present
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB329 (continued)
PARTURITION: 31-JUL-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB330
PARTURITION: 6-AUG-90
Total Born: 8 (Total Dead: 0, Total Cannibalized: 2, Total Alive: 6)

TIME:	DAY 0			DAY 1	
OBSERVATION	M	F	U	M	F
TOTAL SURVIVORS	5	1		0	0
TOTAL FOUND DEAD (A.M.) (CANNIBALIZED)	0	0	2 (2)	0	0
TOTAL FOUND DEAD (P.M.) (PARTIALLY CANNIBALIZED - P.M.)	3 (2)	0		0	0
TOTAL MISSING (c)	0	0		2	1
NO OBSERVABLE ABNORMALITIES	5	1		0	0
WITHOUT MILK (b)	3	1		0	0

U = Undetermined sex
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB046
PARTURITION: 31-JUL-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	8	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	8	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB046 (continued)
PARTURITION: 31-JUL-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB328
PARTURITION: 7-AUG-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2	
OBSERVATION	M	F	M	F	M	F
TOTAL SURVIVORS	6	8	0	1	0	0
TOTAL FOUND DEAD	0	0	2	0	0	0
TOTAL FOUND DEAD (P.M.)	3	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	7	0	1
NO OBSERVABLE ABNORMALITIES	6	7	0	1	0	0
WITHOUT MILK (b)	4	7	0	1	0	0
MISSING TAIL	0	1	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSERVATIONS - F2A CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB134
PARTURITION: 2-AUG-90
Total Born: 16 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		
OBSERVATION	M	F	M	F	U
TOTAL SURVIVORS	8	7	0	0	
TOTAL FOUND DEAD (A.M.)	1	0	0	0	3
(CANNIBALIZED)					(3)
TOTAL FOUND DEAD (P.M.)	6	3	0	0	
TOTAL MISSING (c)	0	0	0	0	3
NO OBSERVABLE ABNORMALITIES	8	7	0	0	
WITHOUT MILK (b)	8	7	0	0	

U = Undetermined sex
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AH - INDIVIDUAL OFFSPRING OBSER[illegible]2A CONT.

DOSE GROUP: 500 MG/[illegible]

DAM NUMBER: JAB341
DELIVERY IN PROGRESS: 1-AUG-90 (14 pups present)
PARTURITION: 2-AUG-90
Total Born: 14 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1	
OBSERVATION	M	F	M	F
TOTAL SURVIVORS	8	5	0	0
TOTAL FOUND DEAD	1	0	2	0
TOTAL FOUND DEAD (P.M.)	3	3	0	0
TOTAL MISSING (c)	0	0	3	2
NO OBSERVABLE ABNORMALITIES	8	5	0	0
WITHOUT MILK (b)	8	5	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB245
PARTURITION: 11-NOV-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 3, Total Alive: 15)

TIME:	DAY 0			DAY 1		DAY 2	
OBSERVATION	M	F	U	M	F	M	F
TOTAL SURVIVORS	6	9		2	4	0	0
TOTAL FOUND DEAD	0	0	3	4	4	1	0
TOTAL MISSING (c)	0	0		0	1	1	4
NO OBSERVABLE ABNORMALITIES	6	9		2	4	0	0
WITHOUT MILK (b)	6	9		2	4	0	0

U = Undetermined sex
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB248
PARTURITION: 27-OCT-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	8	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	8	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB248 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB026
DELIVERY IN PROGRESS: 24-OCT-90 (9 live pups present)
PARTURITION: 25-OCT-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1 *		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	9	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	9	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated on Day 1
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB026 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB251
DELIVERY IN PROGRESS: 27-OCT-90 (4 live pups present)
PARTURITION: 28-OCT-90
Total Born: 12 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 12)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB251 (continued)
PARTURITION: 28-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB097
PARTURITION: 25-OCT-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	11	7	11	7	11	7	11	7	11	5	5	5	5	5	5	5	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	11	7	11	7	11	7	11	7	11	5	5	5	5	5	5	5	5	4	5	4	5	4	5
WITHOUT MILK (b)	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB097 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB254
DELIVERY IN PROGRESS: 24-OCT-90 (8 live pups present)
PARTURITION: 25-OCT-90
Total Born: 8 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 8)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	6	2	6	2	6	2	6	2	6	2	4	2	4	2	4	2	4	2	4	2	4	2	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	6	2	6	2	6	2	6	2	6	2	4	2	4	2	4	2	4	2	4	2	4	2	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Litter not culled, less than 10 pups present
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB254 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB100
PARTURITION: 26-OCT-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	6	10	6	10	6	10	6	10	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	6	10	6	10	6	10	6	10	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB100 (continued)
PARTURITION: 26-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB257
PARTURITION: 25-OCT-90
Total Born: 16 (Total Dead: 2, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1			DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	U	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	7	4	4		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL FOUND DEAD (am)	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANNIBALIZED					(1)																				
TOTAL FOUND DEAD (pm)	0	0	1	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	7	4	4		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
WITHOUT MILK (b)	2	3	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

U = Undetermined sex
(a) Litter not culled, less than 10 pups present
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB257 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB260
PARTURITION: 4-NOV-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	11	6	8	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	11	6	8	6	8	6	8	6	8	5	5	5	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB(S): LEFT FORELEG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB260 (continued)
PARTURITION: 4-NOV-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB266
DELIVERY IN PROGRESS: 25-OCT-90 (5 live pups present)
PARTURITION: 26-OCT-90
Total Born: 11 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	7	4	7	4	7	4	7	4	7	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	7	4	7	4	7	4	7	4	7	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB266 (continued)
PARTURITION: 26-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB269
DELIVERY IN PROGRESS: 24-OCT-90 (12 live pups present)
PARTURITION: 25-OCT-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
NO OBSERVABLE ABNORMALITIES	7	7	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0
LETHARGIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

MULTI-G RATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB269 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB101
PARTURITION: 26-OCT-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	5	10	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	5	10	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB101 (continued)
PARTURITION: 26-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB270
PARTURITION: 25-OCT-90
Total Born: 20 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 20)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	12	8	12	8	12	8	12	8	12	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	12	8	12	8	12	8	12	8	12	5	5	5	5	5	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAISED AREA: ABDOMEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB270 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAISED AREA: ABDOMEN	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB273
DELIVERY IN PROGRESS: 26-OCT-90 (13 live pups present)
PARTURITION: 27-OCT-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0			DAY 1			DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	U	M	F	U	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	10	1	7	10		7	10	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0		0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0		0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	10		7	10		7	10	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	1	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO ANO-GENITAL PORES	0	0	1	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO TAIL	0	0	1	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

U = Undetermined sex
(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB273 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB252
PARTURITION: 31-OCT-90
Total Born: 11 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 10)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4
TOTAL FOUND DEAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter equals 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB252 (continued)
PARTURITION: 31-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB028
PARTURITION: 27-OCT-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	11	5	11	5	10	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	11	5	11	5	10	5	9	5	9	5	5	5	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APPARENT UMBILICAL HERNIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB028 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APPARENT UMBILICAL HERNIA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB275
DELIVERY IN PROGRESS: 27-OCT-90 (12 live pups present)
PARTURITION: 28-OCT-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	9	6	9	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	9	6	9	6	8	6	8	6	8	5	5	5	5	5	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APPARENT UMBILICAL HERNIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB275 (continued)
PARTURITION: 28-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APPARENT UMBILICAL HERNIA	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB255
DELIVERY IN PROGRESS: 26-OCT-90 (15 live pups present)
PARTURITION: 27-OCT-90
Total Born: 20 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 20)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	13	7	13	7	13	6	13	6	13	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	13	7	13	7	13	6	13	6	13	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	1	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB255 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB264
PARTURITION: 24-OCT-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	11	3	11	3	11	3	11	3	11	3	5	3	5	3	5	3	5	3	5	3	5	3	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	11	3	11	3	11	3	11	3	11	3	5	3	5	3	5	3	5	3	5	3	5	3	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 3 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB264 (continued)
PARTURITION: 24-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE [illegible]MALITIES	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB262
DELIVERY IN PROGRESS: 28-OCT-90 (12 live pups present)
PARTURITION: 29-OCT-90
Total Born: 16 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	8	7	8	6	7	6	7	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	8	7	8	6	7	6	7	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB262 (continued)
PARTURITION: 29-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB102
DELIVERY IN PROGRESS: 24-OCT-90 (14 live pups present)
PARTURITION: 25-OCT-90
Total Born: 17 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	6	10	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	6	10	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB102 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB256
PARTURITION: 7-NOV-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	6	8	6	8	6	8	6	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	6	8	6	8	6	8	6	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB256 (continued)
PARTURITION: 7-NOV-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SCABS: LEFT EYE	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB098
DELIVERY IN PROGRESS: 24-OCT-90 (11 live pups present)
PARTURITION: 25-OCT-90
Total Born: 11 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 10)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	2	8	2	8	2	7	2	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	2	8	2	8	2	7	2	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, less than 10 pups remain
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB098 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2b CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB249
DELIVERY IN PROGRESS: 26-OCT-90 (15 live pups present)
PARTURITION: 27-OCT-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	9	7	9	7	9	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	9	7	9	7	9	7	9	7	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB249 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB253
PARTURITION: 27-OCT-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	9	7	9	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	9	7	9	6	8	6	8	6	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	4	3	3	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 0 MG/KG

DAM NUMBER: JAB253 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB029
PARTURITION: 25-OCT-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	11	4	11	4	11	4	11	4	11	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	11	4	11	4	11	4	11	4	11	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB029 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHCUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB032
PARTURITION: 29-OCT-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	11	4	11	4	11	4	11	4	11	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	11	4	11	4	11	4	11	4	11	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB032 (continued)
PARTURITION: 29-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB279
DELIVERY IN PROGRESS: 26-OCT-90 (6 live pups present)
PARTURITION: 27-OCT-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	9	5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	9	5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB279 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB104
PARTURITION: 24-OCT-90
Total Born: 18 (Total Dead: 7, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	5	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	5	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB104 (continued)
PARTURITION: 24-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB288
PARTURITION: 26-OCT-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	8	7	8	7	8	7	8	7	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	8	7	8	7	8	7	8	7	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB288 (continued)
PARTURITION: 26-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB035
DELIVERY IN PROGRESS: 31-OCT-90 (14 live pups present)
PARTURITION: 1-NOV-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	11	4	11	4	11	4	11	4	11	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	11	4	11	4	11	4	11	4	11	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB035 (continued)
PARTURITION: 1-NOV-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB107
DELIVERY IN PROGRESS: 24-OCT-90 (6 live pups present)
PARTURITION: 25-OCT-90
Total Born: 6 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 6)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB10'' (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB292
DELIVERY IN PROGRESS: 1-NOV-90 (12 live pups present)
PARTURITION: 2-NOV-90
Total Born: 12 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	6	5	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	6	5	6	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRUNCATED TAIL: 25%	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB292 (continued)
PARTURITION: 2-NOV-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB295
PARTURITION: 25-OCT-90
Total Born: 7 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 7)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	2	5	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	2	5	2	4	2	4	2	4	2	4	2	4	2	3	2	3	2	3	2	3	2	3	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRUNCATED TAIL: 5%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPE[redacted]DIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB295 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRUNCATED TAIL: 5%	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB347
DELIVERY IN PROGRESS: 26-OCT-90 (13 live pups present)
PARTURITION: 27-OCT-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	10	5	10	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	10	5	10	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB347 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB348
DELIVERY IN PROGRESS: 25-OCT-90 (11 live pups present)
PARTURITION: 26-OCT-90
Total Born: 19 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 19)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	9	10	9	10	9	10	9	10	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	9	10	9	10	9	10	9	10	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB348 (continued)
PARTURITION: 26-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB293
PARTURITION: 26-OCT-90
Total Born: 19 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	11	7	11	7	11	7	11	6	11	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	11	7	11	7	11	7	11	6	11	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB293 (continued)
PARTURITION: 26-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB037
PARTURITION: 24-OCT-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	6	8	6	7	6	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	6	8	6	7	6	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB037 (continued)
PARTURITION: 24-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB349
DELIVERY IN PROGRESS: 26-OCT-90 (14 live pups present)
PARTURITION: 27-OCT-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	6	10	6	10	6	10	6	10	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	6	10	6	10	6	10	6	10	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB349 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB278
PARTURITION: 9-NOV-90
Total Born: 11 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1 *			DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	U	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	4	8	2		8	2	8	2	8	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
TOTAL FOUND DEAD	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	4	8	2		8	2	8	2	8	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
WITHOUT MILK (b)	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated on Day 1
U = Undetermined sex
(a) Animals culled to 5 males and 2 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB278 (continued)
PARTURITION: 9-NOV-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

SUBJECTED TO QA AUDIT

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB105
DELIVERY IN PROGRESS: 26-OCT-90 (25 live pups present)
PARTURITION: 27-OCT-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	13	5	12	5	12	5	12	4	12	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	13	5	12	5	12	5	12	4	12	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB105 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB289
DELIVERY IN PROGRESS: 24-OCT-90 (11 live pups present, 1 female pup found dead)
PARTURITION: 25-OCT-90
Total Born: 15 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0					DAY 1					DAY 2				DAY 3				DAY 4 (a)				DAY 5				DAY 6				DAY 7				DAY 8				DAY 9				DAY 10				DAY 11			
OBSERVATION	M		F			M		F			M		F		M		F		M		F		M		F		M		F		M		F		M		F		M		F		M		F		M		F	
TOTAL SURVIVORS	4		10			4		6			4		6		4		5		4		5		4		5		4		5		4		5		4		5		4		5		4		5		4		5	
TOTAL FOUND DEAD	0		0			0		?			0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0	
TOTAL MISSING (c)	0		0			0		0		1	0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0	
NO OBSERVABLE ABNORMALITIES	4		10			4		6			4		6		4		5		4		5		4		5		4		5		4		5		4		5		4		5		4		5		4		5	
WITHOUT MILK (b)	0		4			0		0			0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0	
PARTIALLY CANNIBALIZED	0		0			0		0		1	0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0	

U = Undetermined sex
(a) Litter not culled, less than 10 pups present
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB289 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB297
DELIVERY IN PROGRESS: 25-OCT-90 (4 live pups present)
PARTURITION: 26-OCT-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	4	9	4	9	4	9	4	9	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	4	9	4	9	4	9	4	9	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB297 (continued)
PARTURITION: 26-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB106
PARTURITION: 25-OCT-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY [illegible]		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	11	5	11	5	11	5	11	5	11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	11	5	11	5	11	5	11	5	11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB106 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[illegible]AL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB290
PARTURITION: 28-OCT-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1 *		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	10	4	8	4	8	4	8	4	8	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	10	4	8	4	8	4	8	4	7	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APPARENT UMBILICAL HERNIA	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Pup sex re-evaluated on Day 1
(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 50 MG/KG

DAM NUMBER: JAB290 (continued)
PARTURITION: 28-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB302
PARTURITION: 27-OCT-90
Total Born: 19 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 19)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	10	9	10	9	10	9	10	8	10	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	10	9	10	9	10	9	10	8	10	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB302 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB038
PARTURITION: 24-OCT-90
Total Born: 14 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	7	6	7	6	7	6	7	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	7	6	7	6	7	6	7	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB038 (continued)
PARTURITION: 24-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APPARENT UMBILICAL HERNIA	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB110
PARTURITION: 25-OCT-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	10	5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	10	5	9	5	9	5	9	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB110 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB305 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB113
DELIVERY IN PROGRESS: 27-OCT-90 (12 live pups present)
PARTURITION: 28-OCT-90
Total Born: 16 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 16)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	8	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	8	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB113 (continued)
PARTURITION: 28-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB116
PARTURITION: 25-OCT-90
Total Born: 5 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 5)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB116 (continued)
PARTURITION: 25-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB308
PARTURITION: 27-OCT-90
Total Born: 6 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 6)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	3	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	3	3	2	3	2	3	2	3	2	1	2	3	2	3	2	3	2	3	2	3	2	3	2	3
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: SNOUT	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: ANTERIOR DORSAL	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals not culled, as per protocol, litter is less than 10 pups
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB308 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB311
DELIVERY IN PROGRESS: 26-OCT-90 (7 live pups present)
PARTURITION: 27-OCT-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	12	5	12	4	12	4	12	4	12	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	12	5	12	4	12	4	12	4	12	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB311 (continued)
PARTURITION: 27-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB121
DELIVERY IN PROGRESS: 28-OCT-90 (11 live pups present)
PARTURITION: 29-OCT-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	6	7	5	7	5	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	6	7	5	7	5	7	5	7	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB121 (continued)
PARTURITION: 29-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB127
DELIVERY IN PROGRESS: 27-OCT-90 (14 live pups present)
PARTURITION: 28-OCT-90
Total Born: 14 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0			DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	U	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	9		4	9	4	9	4	9	4	9	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	9		4	9	4	9	4	9	4	9	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

U = Undetermined sex
(a) Animals culled to 4 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB127 (continued)
PARTURITION: 28-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB130
PARTURITION: 31-OCT-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	10	6	10	6	10	6	10	6	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	10	6	10	6	10	6	10	6	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB130 (continued)
PARTURITION: 31-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LACERATION: BASE OF TAIL	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWOLLEN TAIL, SLIGHT	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB319
PARTURITION: 24-OCT-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	11	7	11	7	11	7	11	7	11	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	11	7	11	7	11	7	11	7	11	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB319 (continued)
PARTURITION: 24-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NECROTIC TAIL: 5%	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB320
PARTURITION: 26-OCT-90
Total Born: 17 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	13	4	13	4	13	4	13	4	13	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	13	4	13	4	13	4	13	4	13	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB320 (continued)
PARTURITION: 26-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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NOT SUBJECTED TO
QA AUDIT

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB313
DELIVERY IN PROGRESS: 25-OCT-90 (6 live pups present)
PARTURITION: 26-OCT-90
Total Born: 11 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	7	4	7	4	7	4	7	4	7	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	4	7	4	7	4	7	4	7	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 4 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

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APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB313 (continued)
PARTURITION: 26-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	4	5	4	5		5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB040
DELIVERY IN PROGRESS: 28-OCT-90 (16 live pups present, 1 male pup found dead)
PARTURITION: 29-OCT-90
Total Born: 18 (Total Dead: 1, Total Cannibalized: 0, Total Alive: 17)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	8	9	8	9	8	9	8	9	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	8	9	8	9	8	9	8	9	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

LAM NUMBER: JAB040 (continued)
PARTURITION: 29-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB309
PARTURITION: 24-OCT-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	7	8	7	8	7	8	7	8	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	8	7	8	7	8	7	8	7	8	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB309 (continued)
PARTURITION: 24-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB039
PARTURITION: 26-OCT-90
Total Born: 11 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 11)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	9	2	9	2	9	2	9	2	9	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	9	2	9	2	9	2	9	2	9	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 2 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB039 (continued)
PARTURITION: 26-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB112
DELIVERY IN PROGRESS: 27-OCT-90 (16 live pups present)
PARTURITION: 28-OCT-90
Total Born: 18 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 18)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	10	8	10	8	10	8	10	8	10	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	10	7	10	7	10	7	10	7	10	5	4	5	4	5	4	5	4	5	4	5	4	5	4
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACERATION: LEFT HINDLEG	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCABS: LEFT UPPER HINDLEG	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 160 MG/KG

DAM NUMBER: JAB112 (continued)
PARTURITION: 28-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	4	5	4	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NECROTIC TAIL: 5%	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0
TRUNCATED TAIL: 5%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB327
PARTURITION: 31-OCT-90
Total Born: 14 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 14)

TIME:	DAY 0		DAY 1			DAY 2	
OBSERVATION	M	F	M	F	U	M	F
TOTAL SURVIVORS	6	8	0	1		0	0
TOTAL FOUND DEAD (AM)	0	0	3	6		0	0
TOTAL FOUND DEAD (PM)	0	0	0	1		0	0
TOTAL MISSING (c)	0	0	0	0	2	0	0
NO OBSERVABLE ABNORMALITIES	6	8	0	1		0	0
WITHOUT MILK (b)	6	8	0	1		0	0
CANNIBALIZED	0	0	0	0	2	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB045
PARTURITION: 24-OCT-90
Total Born: 15 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 15)

TIME:	DAY 0		DAY 1		DAY 2		DAY 3		DAY 4 (a)		DAY 5		DAY 6		DAY 7		DAY 8		DAY 9		DAY 10		DAY 11	
OBSERVATION	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	8	7	8	7	8	7	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	7	7	7	7	7	7	7	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACERATION: RIGHT HINDLEG	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAB: RIGHT HINDLEG	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(a) Animals culled to 5 males and 5 females after Day 4 observations
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.
DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB045 (continued)
PARTURITION: 24-OCT-90

	DAY 12		DAY 13		DAY 14		DAY 15		DAY 16		DAY 17		DAY 18		DAY 19		DAY 20		DAY 21	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL SURVIVORS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOTAL FOUND DEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MISSING (c)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO OBSERVABLE ABNORMALITIES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WITHOUT MILK (b)	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB336
PARTURITION: 25-OCT-90
Total Born: 4 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 4)

TIME:	DAY 0		DAY 1		DAY 2	
OBSERVATION	M	F	M	F	M	F
TOTAL SURVIVORS	2	2	1	2	0	0
TOTAL FOUND DEAD (AM)	0	0	0	0	0	0
TOTAL FOUND DEAD (PM)	0	0	1	0	0	0
TOTAL MISSING (c)	0	0	1	0	0	2
NO OBSERVABLE ABNORMALITIES	2	2	1	2	0	0
WITHOUT MILK (b)	1	1	1	2	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB339
PARTURITION: 26-OCT-90
Total Born: 14 (Total Dead: 13, Total Cannibalized: 0, Total Alive: 1)

TIME:	DAY 0		DAY 1	
OBSERVATION	M	F	M	F
TOTAL SURVIVORS	1	0	0	0
TOTAL FOUND DEAD	9	4	0	0
TOTAL MISSING (c)	0	0	1	0
NO OBSERVABLE ABNORMALITIES	1	0	0	0
WITHOUT MILK (b)	1	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB329
PARTURITION: 25-OCT-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1		DAY 2		
OBSERVATION	M	F	M	F	M	F	U
TOTAL SURVIVORS	6	7	5	5	1	1	
TOTAL FOUND DEAD (AM)	0	0	1	1	0	0	
TOTAL FOUND DEAD (PM)	0	0	3	0	1	0	
TOTAL MISSING (c)	0	0	0	1	0	0	3
NO OBSERVABLE ABNORMALITIES	6	7	5	5	1	1	
WITHOUT MILK (b)	0	0	5	5	1	1	
CANNIBALIZED (AM)	0	0	0	0	0	0	2
CANNIBALIZED (PM)	0	0	0	0	0	0	1

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB330
PARTURITION: 25-OCT-90
Total Born: 10 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 10)

TIME:	DAY 0		DAY 1			DAY 2	
OBSERVATION	M	F	M	F	U	M	F
TOTAL SURVIVORS	5	5	1	1		0	0
TOTAL FOUND DEAD (AM)	0	0	2	1	1	0	0
(CANNIBALIZED)					(1)		
TOTAL FOUND DEAD (PM)	0	0	0	0	1	0	0
(CANNIBALIZED)					(1)		
TOTAL MISSING (c)	0	0	0	0	4	0	1
NO OBSERVABLE ABNORMALITIES	5	5	1	1		0	0
WITHOUT MILK (b)	0	3	0	0		0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB337
DELIVERY IN PROGRESS: 24-OCT-90 (2 live pups present)
PARTURITION: 25-OCT-90
Total Born: 8 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 8)

TIME:	DAY 0		DAY 1		
OBSERVATION	M	F	M	F	U
TOTAL SURVIVORS	4	4	0	0	
TOTAL FOUND DEAD (AM)	0	0	0	1	1
(CANNIBALIZED)				(1)	(1)
TOTAL FOUND DEAD (PM)	4	1	0	0	
TOTAL MISSING (c)	0	0	0	1	
NO OBSERVABLE ABNORMALITIES	4	4	0	0	
WITHOUT MILK (b)	0	0	0	0	

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB328
PARTURITION: 25-OCT-90
Total Born: 13 (Total Dead: 0, Total Cannibalized: 0, Total Alive: 13)

TIME:	DAY 0		DAY 1			DAY 2	
OBSERVATION	M	F	M	F	U	M	F
TOTAL SURVIVORS	8	5	1	0		0	0
TOTAL FOUND DEAD	0	0	1	0		0	0
TOTAL MISSING (c)	0	0	0	0	11	1	0
NO OBSERVABLE ABNORMALITIES	8	5	1	0		0	0
WITHOUT MILK (b)	2	5	1	0		0	0

U = Undetermined sex
(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AI - INDIVIDUAL OFFSPRING OBSERVATIONS - F2B CONT.

DOSE GROUP: 500 MG/KG

DAM NUMBER: JAB134
PARTURITION: 27-OCT-90
Total Born: 8 (Total Dead: 5, Total Cannibalized: 0, Total Alive: 3)

TIME:	DAY 0		DAY 1	
OBSERVATION	M	F	M	F
TOTAL SURVIVORS	3	0	0	0
TOTAL FOUND DEAD	4	1	0	0
TOTAL MISSING (PM) (c)	3	0	0	0
NO OBSERVABLE ABNORMALITIES	3	0	0	0
WITHOUT MILK (b)	3	0	0	0

(b) All live pups with milk unless otherwise noted
(c) Missing, presumed cannibalized

APPENDIX AJ - INDIVIDUAL OFFSPRING SURVIVAL DATA - F2A

Dose (MG/KG)	Female ID	Total Pups Born	Live Day 0	Live Day 4 (Precull)	Live Day 4 (Postcull)	Live Day 7	Live Day 14	Live Day 21
0	JAB245D							
	JAB248	12	12	12	10	10	10	10
	JAB026	16	16	16	10	10	10	10
	JAB251	14	14	14	10	10	10	10
	JAB095D							
	JAB097	15	15	15	10	10	10	10
	JAB254	9	9	9	9	9	9	9
	JAB100	18	16	16	10	10	10	10
	JAB257	17	16	16	10	10	10	10
	JAB260	18	18	15	10	10	10	10
	JAB263	15	15	13	10	10	10	10
	JAB266	15	15	15	10	10	10	10
	JAB269	18	17	17	10	10	10	10
	JAB101	18	17	17	10	10	10	10
	JAB270	18	18	18	10	10	10	10
	JAB273	15	15	15	10	10	10	10
	JAB252	16	16	14	10	10	10	10
	JAB028	18	17	15	10	10	10	10
	JAB275	18	18	13	10	10	10	10
	JAB255	16	16	14	10	10	10	10
	JAB264	15	15	15	10	10	10	10
	JAB267	17	17	16	10	10	10	10
	JAB262	17	17	17	10	10	10	10
	JAB102	17	14	7	7	7	7	7
	JAB246	2	1	0	E			
	JAB256	10	10	10	10	10	10	10
	JAB098	15	15	14	10	10	10	10
	JAB249	15	15	15	10	10	10	10
	JAB253	18	1[redacted]	18	10	10	10	10
	JAB271X							

APPENDIX AJ - INDIVIDUAL OFFSPRING SURVIVAL DATA - F2A

Dose (MG/KG)	Female ID	Total Pups Born	Live Day 0	Live Day 4 (Precull)	Live Day 4 (Postcull)	Live Day 7	Live Day 14	Live Day 21
50	JAB029	17	17	13	9	9	9	9
	JAB032	17	17	17	9	9	9	9
	JAB276D							
	JAB279	14	12	11	10	10	10	10
	JAB104	13	12	12	9	9	9	9
	JAB282	13	13	8	8	8	8	8
	JAB285	16	15	15	10	10	10	10
	JAB288	17	17	17	10	10	10	10
	JAB035	14	13	13	8	8	8	8
	JAB291D							
	JAB107	19	19	17	10	10	10	10
	JAB292	1	0	E				
	JAB295	7	7	7	7	7	7	7
	JAB347	16	16	16	9	9	9	9
	JAB298	5	5	5	5	5	5	5
	JAB299D							
	JAB348	19	19	17	10	10	10	10
	JAB277D							
	JAB293	5	5	5	5	5	5	5
	JAB037	14	13	13	10	10	10	10
	JAB349	16	16	16	9	9	9	9
	JAB278	16	15	13	10	10	10	10
	JAB300D							
	JAB034D							
	JAB105	14	14	14	10	10	10	10
	JAB289D							
	JAB297	15	15	14	10	10	10	10
	JAB106	17	17	17	10	10	10	10
	JAB281	6	6	5	5	5	5	5
	JAB290	14	14	14	10	10	10	10

APPENDIX AJ - INDIVIDUAL OFFSPRING SURVIVAL DATA - F2A

Dose (MG/KG)	Female ID	Total Pups Born	Live Day 0	Live Day 4 (Precull)	Live Day 4 (Postcull)	Live Day 7	Live Day 14	Live Day 21
160	JAB302	15	15	15	10	10	10	10
	JAB038	14	13	13	8	8	8	8
	JAB110	15	15	14	10	10	10	10
	JAB305	16	15	15	10	10	10	10
	JAB113	20	19	19	10	10	10	10
	JAB116	22	21	21	10	10	10	10
	JAB308D							
	JAB311	16	16	16	10	10	10	10
	JAB118D							
	JAB314D							
	JAB121	9	9	9	9	9	9	9
	JAB124D							
	JAB316X							
	JAB127D							
	JAB130D							
	JAB319	15	15	15	10	10	10	10
	JAB322	14	14	12	9	9	9	9
	JAB320	3	3	3	3	3	3	3
	JAB114D							
	JAB306	13	13	13	10	10	10	10
	JAB313	17	16	16	10	10	10	10
	JAB323	14	14	13	9	9	9	9
	JAB310	15	14	14	10	10	10	10
	JAB117	14	14	14	9	9	9	9
	JAB040	20	20	19	10	10	9	9
	JAB309	14	13	13	10	10	10	10
	JAB039	16	16	14	10	10	10	10
	JAB317	14	14	14	10	10	10	10
	JAB120D							
	JAB112	17	17	17	8	7	7	7

APPENDIX AJ - INDIVIDUAL OFFSPRING SURVIVAL DATA - F2A

Dose (MG/KG)	Female ID	Total Pups Born	Live Day 0	Live Day 4 (Precull)	Live Day 4 (Postcull)	Live Day 7	Live Day 14	Live Day 21
500	JAB325	13	13	4	4	4	2	2
	JAB133D							
	JAB327	12	12	0	E			
	JAB041	13	5	0	E			
	JAB331D							
	JAB135	7	7	7	7	7	7	7
	JAB136	4	4	4	4	4	4	4
	JAB334D							
	JAB045	14	14	12	10	10	10	10
	JAB335D							
	JAB050	12	12	0	E			
	JAB336	11	11	0	E			
	JAB339D							
	JAB329	11	11	10	10	10	10	10
	JAB330	8	6	0	E			
	JAB343D							
	JAB046	14	14	14	10	10	10	10
	JAB138D							
	JAB04[illegible]							
	JAB332D							
	JAB337D							
	JAB140D							
	JAB328	14	14	0	E			
	JAB042D							
	JAB047D							
	JAB134	16	15	0	E			
	JAB048D							
	JAB341	14	13	0	E			
	JAB333D							
	JAB338D							

Footnotes:

D = Animal did not deliver
E = End of data
X = Animal dead

APPENDIX AK - INDIVIDUAL OFFSPRING SURVIVAL DATA - F2B

Dose (MG/KG)	Female ID	Total Pups Born	Live Day 0	Live Day 4 (Precull)	Live Day 4 (Postcull)	Live Day 7	Live Day 14	Live Day 21
0	JAB245	18	15	0	E			
	JAB248	14	14	14	10	10	10	10
	JAB026	16	16	16	10	10	10	10
	JAB251	12	12	12	10	10	10	10
	JAB095D							
	JAB097	18	18	18	10	10	9	9
	JAB254	8	8	8	8	6	6	6
	JAB100	16	16	16	10	10	10	10
	JAB257	16	14	6	6	6	6	6
	JAB260	18	18	14	10	10	10	10
	JAB263D							
	JAB266	11	11	11	9	9	9	9
	JAB269	14	14	14	10	10	9	9
	JAB101	15	15	15	10	10	10	10
	JAB270	20	20	20	10	10	10	10
	JAB273	18	18	16	10	10	10	10
	JAB252	11	10	10	10	10	10	10
	JAB028	16	16	14	10	10	10	10
	JAB275	15	15	14	10	10	10	10
	JAB255	20	20	19	10	10	10	10
	JAB264	14	14	14	8	8	8	8
	JAB267D							
	JAB262	16	15	13	10	10	10	10
	JAB102	17	16	15	10	10	10	10
	JAB246D							
	JAB256	14	14	14	10	10	10	10
	JAB098	11	10	8	8	8	8	8
	JAB249	16	16	16	10	10	10	10
	JAB253	17	17	14	10	10	10	10
	JAB271X							

APPENDIX AK - INDIVIDUAL OFFSPRING SURVIVAL DATA - F2B CONT.

Dose (MG/KG)	Female ID	Total Pups Born	Live Day 0	Live Day 4 (Precull)	Live Day 4 (Postcull)	Live Day 7	Live Day 14	Live Day 21
50	JAB029	15	15	15	9	9	9	9
	JAB032	15	15	15	9	9	9	9
	JAB276D							
	JAB279	14	14	14	10	10	10	10
	JAB104	18	11	11	10	10	10	10
	JAB282D							
	JAB285D							
	JAB288	15	15	15	10	10	10	10
	JAB035	15	15	15	9	9	9	9
	JAB291D							
	JAB107	6	6	6	6	6	6	6
	JAB292	12	11	11	10	10	10	10
	JAB295	7	7	6	6	6	6	6
	JAB347	15	15	15	10	10	10	10
	JAB298D							
	JAB299D							
	JAB348	19	19	19	10	10	10	10
	JAB277D							
	JAB293	19	18	17	10	10	10	10
	JAB037	15	15	13	10	10	10	10
	JAB349	16	16	16	10	10	10	10
	JAB278	11	11	10	7	7	7	7
	JAB300D							
	JAB034D							
	JAB105	18	18	16	9	9	9	9
	JAB289	15	14	9	9	9	9	9
	JAB297	13	13	13	9	9	9	9
	JAB106	16	16	16	10	10	10	10
	JAB281D							
	JAB290	13	13	12	9	9	9	9

APPENDIX AK - INDIVIDUAL OFFSPRING SURVIVAL DATA - F2B CONT.

Dose (MG/KG)	Female ID	Total Pups Born	Live Day 0	Live Day 4 (Precull)	Live Day 4 (Postcull)	Live Day 7	Live Day 14	Live Day 21
160	JAB302	19	19	18	10	10	10	10
	JAB038	14	13	13	10	10	10	10
	JAB110	15	15	14	10	10	10	10
	JAB305	15	15	15	10	10	10	10
	JAB113	16	16	16	10	10	10	10
	JAB116	5	5	5	5	5	5	5
	JAB308	6	6	5	5	5	5	5
	JAB311	17	17	16	9	9	9	9
	JAB118D							
	JAB314D							
	JAB121	13	13	12	10	10	10	10
	JAB124D							
	JAB316X							
	JAB127	14	13	13	9	9	9	9
	JAB130	17	17	16	10	10	10	10
	JAB319	18	18	18	10	10	10	10
	JAB322D							
	JAB320	17	17	17	9	9	9	9
	JAB114D							
	JAB306D							
	JAB313	11	11	11	9	9	9	9
	JAB323D							
	JAB310D							
	JAB117D							
	JAB040	18	17	17	10	10	10	10
	JAB309	15	15	15	10	10	10	10
	JAB039	11	11	11	7	7	7	7
	JAB317D							
	JAB120D							
	JAB112	18	18	18	10	9	9	9

APPENDIX AK - INDIVIDUAL OFFSPRING SURVIVAL DATA - F2B CONT.

Dose (MG/KG)	Female ID	Total Pups Born	Live Day 0	Live Day 4 (Precull)	Live Day 4 (Postcull)	Live Day 7	Live Day 14	Live Day 21
500	JAB325D							
	JAB133D							
	JAB327	14	14	0	E			
	JAB041D							
	JAB331D							
	JAB135D							
	JAB136D							
	JAB334D							
	JAB045	15	15	13	10	10	10	10
	JAB335D							
	JAB050D							
	JAB336	4	4	0	E			
	JAB339	14	1	0	E			
	JAB329	13	13	0	E			
	JAB330	10	10	0	E			
	JAB343D							
	JAB046D							
	JAB138D							
	JAB043D							
	JAB332D							
	JAB337	8	8	0	E			
	JAB140D							
	JAB328	13	13	0	E			
	JAB042D							
	JAB047D							
	JAB134	8	3	0	E			
	JAB048D							
	JAB341D							
	JAB333D							
	JAB338D							

Footnotes:

D = Animal did not deliver
X = Animal dead
E = End of data

APPENDIX AL - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F2A

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
0	JAB245D						
	JAB248	100.0	100.0	100.0	100.0	100.0	100.0
	JAB026	100.0	100.0	100.0	100.0	100.0	100.0
	JAB251	100.0	100.0	100.0	100.0	100.0	100.0
	JAB095D						
	JAB097	100.0	100.0	100.0	100.0	100.0	100.0
	JAB254	100.0	100.0	100.0	100.0	100.0	100.0
	JAB100	88.9	100.0	100.0	100.0	100.0	100.0
	JAB257	94.1	100.0	100.0	100.0	100.0	100.0
	JAB260	100.0	83.3	100.0	100.0	100.0	100.0
	JAB263	100.0	86.7	100.0	100.0	100.0	100.0
	JAB266	100.0	100.0	100.0	[illegible]	100.0	100.0
	JAB269	94.4	100.0	100.0	[illegible]	100.0	100.0
	JAB101	94.4	100.0	100.0	[illegible]	100.0	100.0
	JAB270	100.0	100.0	100.0	100.0	100.0	100.0
	JAB273	100.0	100.0	100.0	100.0	100.0	100.0
	JAB252	100.0	87.5	100.0	100.0	100.0	100.0
	JAB028	94.4	88.2	100.0	100.0	100.0	100.0
	JAB275	100.0	72.2	100.0	100.0	100.0	100.0
	JAB255	100.0	87.5	100.0	100.0	100.0	100.0
	JAB264	100.0	100.0	100.0	100.0	100.0	100.0
	JAB267	100.0	94.1	100.0	100.0	100.0	100.0
	JAB262	100.0	100.0	100.0	100.0	100.0	100.0
	JAB102	82.4	50.0	100.0	100.0	100.0	100.0
	JAB246	50.0	0.0	E			
	JAB256	100.0	100.0	100.0	100.0	100.0	100.0
	JAB098	100.0	93.3	100.0	100.0	100.0	100.0
	JAB249	100.0	100.0	100.0	100.0	100.0	100.0
	JAB253	100.0	100.0	100.0	100.0	100.0	100.0
	JAB271X						

APPENDIX AL - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F2A CONT.

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
50	JAB029	100.0	76.5	100.0	100.0	100.0	100.0
	JAB032	100.0	100.0	100.0	100.0	100.0	100.0
	JAB276D						
	JAB279	85.7	91.7	100.0	100.0	100.0	100.0
	JAB104	92.3	100.0	100.0	100.0	100.0	100.0
	JAB282	100.0	61.5	100.0	100.0	100.0	100.0
	JAB285	93.8	100.0	100.0	100.0	100.0	100.0
	JAB288	100.0	100.0	100.0	100.0	100.0	100.0
	JAB035	92.9	100.0	100.0	100.0	100.0	100.0
	JAB291D						
	JAB107	100.0	89.5	100.0	100.0	100.0	100.0
	JAB292	0.0	E				
	JAB295	100.0	100.0	100.0	100.0	100.0	100.0
	JAB347	100.0	100.0	100.0	100.0	100.0	100.0
	JAB298	100.0	100.0	100.0	100.0	100.0	100.0
	JAB299D						
	JAB348	100.0	89.5	100.0	100.0	100.0	100.0
	JAB277D						
	JAB293	100.0	100.0	100.0	100.0	100.0	100.0
	JAB037	92.9	100.0	100.0	100.0	100.0	100.0
	JAB349	100.0	100.0	100.0	100.0	100.0	100.0
	JAB278	93.8	86.7	100.0	100.0	100.0	100.0
	JAB300D						
	JAB034D						
	JAB105	100.0	100.0	100.0	100.0	100.0	100.0
	JAB289D						
	JAB297	100.0	93.3	100.0	100.0	100.0	100.0
	JAB106	100.0	100.0	100.0	100.0	100.0	100.0
	JAB281	100.0	83.3	100.0	100.0	100.0	100.0
	JAB290	100.0	100.0	100.0	100.0	100.0	100.0

APPENDIX AL - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F2A CONT.

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
160	JAB302	100.0	100.0	100.0	100.0	100.0	100.0
	JAB038	92.9	100.0	100.0	100.0	100.0	100.0
	JAB110	100.0	93.3	100.0	100.0	100.0	100.0
	JAB305	93.8	100.0	100.0	100.0	100.0	100.0
	JAB113	95.0	100.0	100.0	100.0	100.0	100.0
	JAB116	95.5	100.0	100.0	100.0	100.0	100.0
	JAB308D						
	JAB311	100.0	100.0	100.0	100.0	100.0	100.0
	JAB118D						
	JAB314D						
	JAB121	100.0	100.0	100.0	100.0	100.0	100.0
	JAB124D						
	JAB316X						
	JAB127D						
	JAB130D						
	JAB319	100.0	100.0	100.0	100.0	100.0	100.0
	JAB322	100.0	85.7	100.0	100.0	100.0	100.0
	JAB320	100.0	100.0	100.0	100.0	100.0	100.0
	JAB114D						
	JAB306	100.0	100.0	100.0	100.0	100.0	100.0
	JAB313	94.1	100.0	100.0	100.0	100.0	100.0
	JAB323	100.0	92.9	100.0	100.0	100.0	100.0
	JAB310	93.3	100.0	100.0	100.0	100.0	100.0
	JAB117	100.0	100.0	100.0	100.0	100.0	100.0
	JAB040	100.0	90.0	100.0	90.0	100.0	90.0
	JAB309	92.9	100.0	100.0	100.0	100.0	100.0
	JAB039	100.0	87.5	100.0	100.0	100.0	100.0
	JAB317	100.0	100.0	100.0	100.0	100.0	100.0
	JAB120D						
	JAB112	100.0	100.0	87.5	100.0	100.0	87.5

APPENDIX AL - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F2A CONT.

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
500	JAB325	100.0	30.8	100.0	50.0	100.0	50.0
	JAB133D						
	JAB327	100.0	0.0	E			
	JAB041	38.5	0.0	E			
	JAB331D						
	JAB135	100.0	100.0	100.0	100.0	100.0	100.0
	JAB136	100.0	100.0	100.0	100.0	100.0	100.0
	JAB334D						
	JAB045	100.0	85.7	100.0	100.0	100.0	100.0
	JAB335D						
	JAB050	100.0	0.0	E			
	JAB336	100.0	0.0	E			
	JAB339D						
	JAB329	100.0	90.9	100.0	100.0	100.0	100.0
	JAB330	75.0	0.0	E			
	JAB343D						
	JAB046	100.0	100.0	100.0	100.0	100.0	100.0
	JAB138D						
	JAB043D						
	JAB332D						
	JAB337D						
	JAB140D						
	JAB328	100.0	0.0	E			
	JAB042D						
	JAB047D						
	JAB134	93.8	0.0	E			
	JAB048D						
	JAB341	92.9	0.0	E			
	JAB333D						
	JAB338D						

Footnotes:
D = Animal did not deliver
E = End of data
X = Animal dead

INDICES:

$$\text{Live Birth Index} = \frac{\text{Number of live pups at birth}}{\text{Number of pups born}} \times 100$$

$$\text{Day 4 survival Index} = \frac{\text{Number of live pups at day 4 (precull)}}{\text{Number of live pups at birth}} \times 100$$

$$\text{Day 7 survival Index} = \frac{\text{Number of live pups at day 7}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

$$\text{Day 14 survival Index} = \frac{\text{Number of live pups at day 14}}{\text{Number of live pups at day 7}} \times 100$$

$$\text{Day 21 survival Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 14}} \times 100$$

$$\text{Lactation Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

NOT SUBJECTED TO
QA UNIT

APPENDIX AM - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F2B

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
0	JAB245	83.3	0.0	E			
	JAB248	100.0	100.0	100.0	100.0	100.0	100.0
	JAB026	100.0	100.0	100.0	100.0	100.0	100.0
	JAB251	100.0	100.0	100.0	100.0	100.0	100.0
	JAB095D						
	JAB097	100.0	100.0	100.0	90.0	100.0	90.0
	JAB254	100.0	100.0	75.0	100.0	100.0	75.0
	JAB100	100.0	100.0	100.0	100.0	100.0	100.0
	JAB257	87.5	75.0	100.0	100.0	100.0	100.0
	JAB260	100.0	100.0	100.0	100.0	100.0	100.0
	JAB263D						
	JAB266	100.0	100.0	100.0	100.0	100.0	100.0
	JAB269	100.0	100.0	100.0	90.0	100.0	90.0
	JAB101	100.0	100.0	100.0	100.0	100.0	100.0
	JAB270	100.0	100.0	100.0	100.0	100.0	100.0
	JAB273	100.0	94.1	100.0	100.0	100.0	100.0
	JAB252	90.9	100.0	100.0	100.0	100.0	100.0
	JAB028	100.0	87.5	100.0	100.0	100.0	100.0
	JAB275	100.0	93.3	100.0	100.0	100.0	100.0
	JAB255	100.0	95.0	100.0	100.0	100.0	100.0
	JAB264	100.0	100.0	100.0	100.0	100.0	100.0
	JAB267D						
	JAB262	93.8	86.7	100.0	100.0	100.0	100.0
	JAB102	94.1	100.0	100.0	100.0	100.0	100.0
	JAB246D						
	JAB256	100.0	100.0	100.0	100.0	100.0	100.0
	JAB098	90.9	80.0	100.0	100.0	100.0	100.0
	JAB249	100.0	100.0	100.0	100.0	100.0	100.0
	JAB253	100.0	87.5	100.0	100.0	100.0	100.0
	JAB271X						

APPENDIX AM - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F2B CONT.

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
50	JAB029	100.0	100.0	100.0	100.0	100.0	100.0
	JAB032	100.0	100.0	100.0	100.0	100.0	100.0
	JAB276D						
	JAB279	100.0	100.0	100.0	100.0	100.0	100.0
	JAB104	61.1	100.0	100.0	100.0	100.0	100.0
	JAB282D						
	JAB285D						
	JAB288	100.0	100.0	100.0	100.0	100.0	100.0
	JAB035	100.0	100.0	100.0	100.0	100.0	100.0
	JAB291D						
	JAB107	100.0	100.0	100.0	100.0	100.0	100.0
	JAB292	91.7	100.0	100.0	100.0	100.0	100.0
	JAB295	100.0	85.7	100.0	100.0	100.0	100.0
	JAB347	100.0	100.0	100.0	100.0	100.0	100.0
	JAB298D						
	JAB299D						
	JAB348	100.0	100.0	100.0	100.0	100.0	100.0
	JAB277D						
	JAB293	94.7	94.4	100.0	100.0	100.0	100.0
	JAB037	100.0	92.9	100.0	100.0	100.0	100.0
	JAB349	100.0	100.0	100.0	100.0	100.0	100.0
	JAB278	100.0	100.0	100.0	100.0	100.0	100.0
	JAB300D						
	JAB034D						
	JAB105	100.0	94.1	100.0	100.0	100.0	100.0
	JAB289	93.3	90.0	100.0	100.0	100.0	100.0
	JAB297	100.0	100.0	100.0	100.0	100.0	100.0
	JAB106	100.0	100.0	100.0	100.0	100.0	100.0
	JAB281D						
	JAB290	100.0	100.0	100.0	100.0	100.0	100.0

APPENDIX AM - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F2B CONT.

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
160	JAB302	100.0	94.7	100.0	100.0	100.0	100.0
	JAB038	92.9	100.0	100.0	100.0	100.0	100.0
	JAB110	100.0	100.0	100.0	100.0	100.0	100.0
	JAB305	100.0	100.0	100.0	100.0	100.0	100.0
	JAB113	100.0	100.0	100.0	100.0	100.0	100.0
	JAB116	100.0	100.0	100.0	100.0	100.0	100.0
	JAB308	100.0	100.0	100.0	100.0	100.0	100.0
	JAB311	100.0	100.0	100.0	100.0	100.0	100.0
	JAB118D						
	JAB314D						
	JAB121	100.0	100.0	100.0	100.0	100.0	100.0
	JAB124D						
	JAB316X						
	JAB127	92.9	100.0	100.0	100.0	100.0	100.0
	JAB130	100.0	100.0	100.0	100.0	100.0	100.0
	JAB319	100.0	100.0	100.0	100.0	100.0	100.0
	JAB322D						
	JAB320	100.0	100.0	100.0	100.0	100.0	100.0
	JAB114D						
	JAB306D						
	JAB313	100.0	100.0	100.0	100.0	100.0	100.0
	JAB323D						
	JAB310D						
	JAB117D						
	JAB040	94.4	100.0	100.0	100.0	100.0	100.0
	JAB309	100.0	100.0	100.0	100.0	100.0	100.0
	JAB039	100.0	100.0	100.0	100.0	100.0	100.0
	JAB317D						
	JAB120D						
	JAB112	100.0	100.0	90.0	100.0	100.0	90.0

APPENDIX AM - INDIVIDUAL OFFSPRING SURVIVAL INDICES - F2B CONT.

DOSE (MG/KG)	Female ID	Live Birth Index %	Day 4 Survival Index %	Day 7 Survival Index %	Day 14 Survival Index %	Day 21 Survival Index %	Lactation Index %
500	JAB325D						
	JAB133D						
	JAB327	100.0	0.0	E			
	JAB041D						
	JAB331D						
	JAB135D						
	JAB136D						
	JAB334D						
	JAB045	100.0	86.7	100.0	100.0	100.0	100.0
	JAB335D						
	JAB050D						
	JAB336	100.0	0.0	E			
	JAB339	7.1	0.0	E			
	JAB329	100.0	0.0	E			
	JAB330	100.0	0.0	E			
	JAB343D						
	JAB046D						
	JAB138D						
	JAB043D						
	JAB332D						
	JAB337	100.0	0.0	E			
	JAB140D						
	JAB328	100.0	0.0	E			
	JAB042D						
	JAB047D						
	JAB134	37.5	0.0	E			
	JAB048D						
	JAB341D						
	JAB333D						
	JAB338D						

Footnotes:
D = Animal did not deliver
X = Animal dead
E = End of data

INDICES:

$$\text{Live Birth Index} = \frac{\text{Number of live pups at birth}}{\text{Number of pups born}} \times 100$$

$$\text{Day 4 survival Index} = \frac{\text{Number of live pups at day 4 (precull)}}{\text{Number of live pups at birth}} \times 100$$

$$\text{Day 7 survival Index} = \frac{\text{Number of live pups at day 7}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

$$\text{Day 14 survival Index} = \frac{\text{Number of live pups at day 14}}{\text{Number of live pups at day 7}} \times 100$$

$$\text{Day 21 survival Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 14}} \times 100$$

$$\text{Lactation Index} = \frac{\text{Number of live pups at day 21}}{\text{Number of live pups at day 4 (postcull)}} \times 100$$

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG		
JAB245b		
JAB248	M	7.43 7.41 7.18 7.18 6.72 7.46 7.22
JAB248	F	6.97 6.97 7.11 5.95 7.65
JAB026	M	6.71 6.22 6.90 6.69 6.37 5.90 6.42 7.26
JAB026	F	5.34 6.01 6.42 6.35 6.46 6.19 6.45 5.98
JAB251	M	6.54 6.28 7.09 6.11 6.77 6.41 6.54 6.57
JAB251	F	5.43 6.23 6.57 6.34 6.44 6.16
JAB095b		
JAB097	M	6.09 5.97 6.73 6.34 6.80 5.93 5.79
JAB097	F	6.21 6.20 6.50 6.49 5.92 6.33 5.82 6.27
JAB254	M	6.61 7.49 7.79 7.42 7.13 7.20 7.29
JAB254	F	6.06 6.86
JAB100	M	5.85 6.30 6.62 6.74 5.24 5.73 6.48 5.84
JAB100	F	5.75 5.94 5.84 5.85 5.70 6.31 6.06 6.18
JAB257	M	5.92 5.80 5.99 6.04 6.28 6.22 5.26 5.44 5.82 6.34
JAB257	F	5.84 5.84 5.65 5.01 6.27 5.60
JAB260	M	5.99 5.94 6.50 5.96 5.67 6.28 6.33
JAB260	F	6.16 5.71 6.14 5.76 5.45 6.22 5.63 5.84 5.92 6.09 5.89
JAB263	M	6.00 5.88 6.29 6.23 6.37 5.84 5.56
JAB263	F	5.98 6.02 5.85 5.75 6.30 6.08 5.99 5.73
JAB266	M	6.45 6.20 5.87 5.10 6.35 6.30
JAB266	F	5.53 6.74 5.57 6.15 5.79 5.96 6.06 5.74 5.93
JAB269	M	7.08 7.05 6.75 6.65 6.59 6.74 6.83 7.09 7.04 6.81
JAB269	F	6.49 6.45 6.63 6.55 6.57 5.66 6.86
JAB101	M	7.23 7.69 6.78 7.17
JAB101	F	6.96 6.58 7.15 7.22 7.52 6.48 7.43 6.94 6.20 6.59 5.98 7.36 6.97
JAB270	M	5.99 6.43 6.52 6.44 6.56 6.40 5.99 6.64
JAB270	F	5.70 5.92 6.21 5.38 5.86 6.22 6.43 6.42 5.73 6.00
JAB273	M	6.78 7.68 7.22 6.68 7.39 7.09
JAD273	F	6.07 7.32 7.23 6.44 6.74 6.86 6.23 6.32 6.81
JAB252	M	6.13 5.98 6.27 6.19 5.65 5.96 5.25 6.67
JAB252	F	6.01 5.60 6.15 5.64 5.43 5.68 5.33 5.44
JAB028	M	5.71 6.47 6.75 5.44 6.33 5.76 6.15 5.76 6.23 5.40
JAB028	F	5.64 5.06 5.93 5.79 5.47 5.24 6.01
JAB275	M	5.54 6.52 5.83 5.72 6.97 5.82 6.06
JAB275	F	5.70 6.13 5.00 5.73 4.76 5.84 5.00 6.35 5.45 6.07 5.39
JAB255	M	5.90 7.01 7.38 7.13 6.80 6.76 7.00 6.83 6.91 7.14 7.03
JAB255	F	6.27 6.36 6.98 7.14 6.80
JAB264	M	5.79 5.93 4.87 5.99 6.65 5.82 5.93 4.98 6.06
JAB264	F	5.93 5.89 5.79 5.92 5.53 5.58
JAB267	M	7.09 6.79 5.73 7.23 6.84
JAB267	F	3.63 6.70 5.90 7.12 6.56 7.63 6.67 6.30 6.49 6.18 7.06 6.71
JAB262	M	5.88 5.55 6.08 5.89 5.58 6.10
JAB262	F	5.68 5.65 5.74 6.16 5.82 5.45 5.68 5.85 5.90 5.77 5.23
JAB102	M	6.62 6.42 6.23 5.98 6.05 6.29 5.76 6.55 6.57 6.63
JAB102	F	6.06 5.90 5.83 5.89

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG CONT.		
JAB246	M	5.82
JAB246d		
JAB256	M	7.14 6.85 7.30 7.14
JAB256	F	6.47 7.50 6.71 7.08 6.90 6.96
JAB098	M	5.82 5.34 6.13 6.13 5.59 6.15 5.22 5.90 5.91
JAB098	F	5.59 5.15 5.17 5.44 5.62 5.65
JAB249	M	6.32 7.02 6.17 6.30 6.16 6.21 6.41
JAB249	F	5.03 6.11 6.18 6.16 6.03 6.62 6.16 6.03
JAB253	M	6.06 6.22 5.81 6.06 4.33 5.50 5.65 6.10 5.91 5.87
JAB253	F	5.19 5.25 5.88 5.47 5.52 5.86 5.84 5.51
JAB271a		

NOTES:
a = Animal dead
b = Animal did not deliver
c = No pups remain
d = No female pups present
e = Not recorded due to technician oversight
f = No female pups remain
g = No male pups remain

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
JAB029	M	5.55 5.46 4.96 5.15 4.82 5.50 5.54 5.05 5.56 5.53 5.50 5.52
JAB029	F	4.34 4.70 5.05 4.93 4.84
JAB032	M	6.39 5.41 5.31 6.54
JAB032	F	4.40 6.37 6.08 4.94 5.66 6.35 5.89 6.17 6.30 6.05 6.20 6.24 6.34
JAB276b		
JAB279	M	5.97 6.37 7.15 6.24 6.20 6.65
JAB279	F	6.13 6.26 5.57 6.08 5.93 4.12
JAB104	M	7.36 7.57 7.89 8.14 7.28 7.47 6.68 8.01
JAB104	F	7.80 6.95 7.49 6.66
JAB282	M	6.14 5.72 6.77 6.16 6.16 6.30
JAB282	F	5.76 5.87 6.59 6.10 6.54 5.91 5.49
JAB285	M	7.35 7.36 7.72 7.38 8.46 5.50
JAB285	F	6.65 6.69 7.27 7.52 6.87 6.55 6.74 7.00 7.26
JAB288	M	5.36 4.70 4.11 5.00 4.39 5.03 5.61 5.53 4.61 4.74
JAB288	F	5.11 4.39 4.44 5.20 4.74 4.36 4.55
JAB035	M	6.02 5.75 6.47 6.18 6.86 5.86 6.03 6.39 5.65 6.27
JAB035	F	6.23 5.85 5.49
JAB291b		
JAB107	M	4.34 6.35 5.90 5.73 6.35 4.96 5.25 6.04 6.04 5.75
JAB107	F	6.19 5.67 4.99 5.42 5.43 5.62 6.03 5.05 5.61
JAB292c		
JAB295	M	6.08 7.42 7.37 7.22 7.26
JAB295	F	7.14 6.35
JAB347	M	6.87 4.68 5.97 5.76 5.67 6.17 4.66 5.49 6.32 6.31 4.65 6.29
JAB347	F	5.72 5.64 6.07 6.14
JAB298	M	6.13
JAB298	F	6.16 5.84 6.38 6.36
JAB299b		
JAB348	M	6.30 7.05 6.09 5.67 4.60 6.34 5.90 6.57 6.08
JAB348	F	5.81 5.18 5.70 5.36 6.26 5.84 5.71 5.87 5.63 6.37
JAB277b		
JAB293	M	8.22 8.36 8.83
JAB293	F	8.06 7.86
JAB037	M	6.09 6.37 6.07 6.10 6.09
JAB037	F	6.27 5.91 5.59 5.99 6.74 5.99 6.63 6.56
JAB349	M	6.87 6.77 6.49 6.73
JAB349	F	5.91 5.87 6.05 6.28 6.40 5.75 6.37 6.42 6.90 6.35 6.37 6.21
JAB278	M	5.86 6.15 5.69 6.48 6.14 6.36 6.60
JAB278	F	5.79 5.96 6.27 5.47 6.30 5.44 5.72 5.75
JAB300b		
JAB034b		
JAB105	M	7.09 6.47 6.51 6.33 7.24 7.10 6.96
JAB105	F	6.42 6.35 6.45 6.48 6.49 6.03 6.61

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG CONT.		
JAB289b		
JAB297	M	7.16 7.19 6.92 7.73 7.17 6.35 7.40 7.13 6.25
JAB297	F	6.20 6.21 6.54 6.59 6.34 6.28
JAB106	M	6.82 7.18 6.64 6.74 6.69 7.53 6.25 7.59
JAB106	F	6.23 6.23 6.41 6.19 6.52 5.94 6.42 6.79 6.06
JAB281	M	8.33 7.91 8.03 8.58
JAB281	F	8.25 8.02
JAB290	M	6.69 6.23 6.66 6.43 6.77 7.04
JAB290	F	6.66 6.35 5.58 6.10 5.55 5.86 3.81 5.69

NOTES:
a = Animal dead
b = Animal did not deliver
c = No pups remain
d = No female pups present
e = Not recorded due to technician oversight
f = No female pups remain
g = No male pups remain

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)												
GROUP 3 - 160 MG/KG														
JAB302	M	6.77	6.65	6.81	6.37	6.46	6.03	6.50						
JAB302	F	6.21	6.00	6.12	6.62	5.34	5.37	6.24	5.55					
JAB038	M	6.03	6.10	5.70	5.32	5.93	5.56	5.95	5.91	4.89	5.58			
JAB038	F	6.05	5.64	5.06										
JAB110	M	6.25	6.93	6.42	5.80	6.05	6.57							
JAB110	F	6.00	5.93	5.51	5.75	5.56	5.88	6.17	6.21	5.49				
JAB305	M	6.71	6.10	5.71	6.04	6.28	6.03	6.72						
JAB305	F	4.81	6.10	6.41	6.10	5.76	5.74	5.72	5.64					
JAB113	M	6.25	5.06	5.72	6.26	5.77	5.85	5.05	5.32	5.92	5.89	6.18	5.98	
JAB113	F	5.90	5.23	6.04	4.70	5.51	5.59	5.74						
JAB116	M	7.72	6.51	7.25	7.23	6.36	7.32	7.66	6.28					
JAB116	F	5.79	6.23	6.64	6.60	6.58	6.66	5.61	5.79	6.46	6.17	5.58	7.53	6.50
JAB308b														
JAB311	M	5.36	6.18	6.16	5.48	5.92	6.06	5.76						
JAB311	F	5.65	5.38	5.79	4.90	5.44	5.40	5.32	5.70	5.29				
JAB118b														
JAB314b														
JAB121	M	7.49	7.26	7.15	7.07	7.40								
JAB121	F	6.26	6.47	6.92	6.67									
JAB124b														
JAB316a														
JAB127b														
JAB130b														
JAB319	M	6.60	6.54	6.21	6.81	6.23								
JAB319	F	5.96	6.22	5.73	6.21	5.88	6.50	5.70	6.09	5.87	5.67			
JAB322	M	5.77	5.30	5.41	6.09	5.65								
JAB322	F	5.25	5.46	5.03	5.15	5.36	5.10	5.75	6.34	4.51				
JAB320	M	8.20												
JAB320	F	6.81	7.74											
JAB114b														
JAB306	M	7.16	6.98	7.14	7.00	7.15	7.06	6.79	6.84					
JAB306	F	6.43	6.05	6.63	6.36	6.50								
JAB313	M	6.45	6.20	5.35	5.60	6.21	6.30	6.67						
JAB313	F	6.01	5.75	5.57	5.64	5.47	5.73	5.32	5.59	5.78				
JAB323	M	5.55	5.95	5.98	5.55									
JAB323	F	5.32	5.63	5.77	5.33	5.87	5.18	5.43	5.15	5.33	5.22			
JAB310	M	6.40	6.66	6.35	3.95	6.24	6.48	6.25	5.98					
JAB310	F	6.39	5.70	5.94	5.56	6.60	5.67							
JAB117	M	7.62	6.74	6.45	6.99	6.36	7.74	6.80	6.28	6.92				
JAB117	F	6.39	6.34	6.76	6.97	6.71								
JAB040	M	6.00	5.69	5.64	5.97	5.28	5.30							
JAB040	F	5.92	5.32	5.31	5.53	5.37	5.71	5.37	5.08	5.49	5.36	5.97	4.95	5.20
		4.95												

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG CONT.		
JAB309	M	6.30 6.04 6.63 6.40 6.45 6.69 5.80
JAB309	F	6.29 6.35 6.00 5.71 6.20 6.40
JAB039	M	5.66 5.38 6.26 6.00 4.54 5.94 5.90 5.79
JAB039	F	5.21 5.47 5.64 5.52 5.22 5.30 5.62 4.83
JAB317	M	8.91 7.97 7.70 7.03 7.91 7.80 7.39 7.19 6.88
JAB317	F	7.09 7.50 7.04 6.71 7.01
JAB120b		
JAB112	M	6.31 6.76 6.39
JAB112	F	6.09 6.57 6.49 5.88 6.44 5.96 6.15 6.11 6.23 6.39 5.92 5.72 5.92 6.03

NOTES:
a = Animal dead
b = Animal did not deliver
c = No pups remain
d = No female pups present
e = Not recorded due to technician oversight
f = No female pups remain
g = No male pups remain

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
JAB325	M	5.70 5.00 5.27 5.04 4.95 5.02 5.26 5.39
JAB325	F	4.42 4.87 4.46 4.59 3.85
JAB133b		
JAB327	M	5.09 5.73 5.59 5.48 5.74 5.55
JAB327	F	5.27 5.69 5.45 4.94 5.31 5.01
JAB041	M	4.82 4.85
JAB041	F	4.42 4.82 4.52
JAB331b		
JAB135	M	6.64
JAB135	F	6.44 6.27 6.26 6.34 6.29 6.21
JAB136	M	6.66 6.82 6.20
JAB136	F	6.57
JAB334b		
JAB045	M	5.25 5.24 5.21 5.63 5.64 5.11 5.30 5.02
JAB045	F	4.77 4.24 4.83 4.89 5.20 4.74
JAB335b		
JAB050	M	5.77 5.77 5.96 5.85 5.79
JAB050	F	5.74 5.72 5.56 5.36 5.09 5.70 5.58
JAB336	M	5.87 5.60 5.98
JAB336	F	4.59 5.22 5.00 4.93 4.55 5.09 5.34 5.35
JAB339b		
JAB329	M	5.97 6.32 5.47 5.86 5.37
JAB329	F	5.58 5.73 5.38 5.89 5.58 4.93
JAB330	M	5.34 5.40 5.11 5.07 5.24
JAB330	F	4.91
JAB343b		
JAB046	M	5.31 5.29 5.26 5.50 5.47 5.67
JAB046	F	5.30 5.34 5.00 4.78 5.16 5.27 5.07 4.86
JAB138b		
JAB043b		
JAB332b		
JAB337b		
JAB140b		
JAB328	M	4.79 4.96 4.83 4.66 5.05 4.66
JAB328	F	4.61 5.13 4.42 4.38 4.70 4.09 4.77 4.35
JAB042b		
JAB047b		
JAB134	M	5.10 4.89 4.89 4.76 4.99 4.94 5.15 4.44
JAB134	F	4.99 4.91 4.94 4.59 4.94 4.35 4.46
JAB048b		
JAB341	M	4.97 4.37 4.83 4.71 4.78 4.72 4.46 4.54
JAB341	F	4.19 3.96 3.93 4.27 4.03
JAB333b		
JAB338b		

NOTES: a = Animal dead
b = Animal did not deliver
c = No pups remain
d = No female pups present
e = Not recorded due to technician oversight
f = No female pups remain
g = No male pups remain

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG		
JAB245b		
JAB248	M	7.70 7.69 7.85 7.89 7.43 7.66 8.05
JAB248	F	7.61 7.43 7.54 8.47 6.67
JAB026	M	7.13 7.23 6.48 7.21 7.63 6.68 7.07 6.74
JAB026	F	6.51 6.95 7.06 7.02 6.94 6.60 6.53 6.59
JAB251	M	7.19 6.90 7.74 7.61 6.94 6.91 6.96 7.18
JAB251	F	5.93 7.17 7.13 6.95 7.11 6.94
JAB095b		
JAB097	M	6.25 6.63 7.19 7.40 6.18 6.45 6.57
JAB097	F	6.56 6.12 6.97 6.51 6.38 6.67 6.66 6.65
JAB254	M	7.51 7.36 7.37 7.53 6.73 7.45 7.61
JAB254	F	7.01 6.08
JAB100	M	7.35 6.28 6.16 6.84 7.01 5.42 7.10 6.16
JAB100	F	6.43 6.29 6.42 6.48 6.19 6.65 6.41 6.08
JAB257	M	6.26 5.58 6.74 6.74 6.97 6.20 5.42 6.50 6.32 6.12
JAB257	F	5.01 6.51 6.31 5.88 6.56 6.19
JAB260	M	6.06 6.29 5.11 5.69 6.06
JAB260	F	5.40 5.76 5.83 5.68 5.64 5.85 5.29 5.59 5.78 5.92 5.57
JAB263	M	6.47 6.58 6.57 6.68 6.45 5.80
JAB263	F	6.20 6.28 5.96 6.17 6.79 5.86 6.62
JAB266	M	6.31 6.40 6.70 6.93 6.80 5.83
JAB266	F	6.41 5.93 7.45 6.24 6.36 6.66 6.75 5.85 6.28
JAB269	M	6.88 6.89 6.89 6.92 6.97 7.34 7.29 7.64 7.29 6.37
JAB269	F	6.88 7.05 6.85 7.23 6.57 5.90 6.81
JAB101	M	7.35 7.79 7.70 7.63 6.98
JAB101	F	6.11 7.38 6.50 7.21 7.08 7.19 6.49 7.64 6.83 7.22 7.26 7.41
JAB270	M	7.05 6.91 6.94 6.17 6.57 6.54 6.39 6.45
JAB270	F	5.99 6.19 6.72 6.29 5.70 6.60 5.89 6.51 6.03 6.19
JAB273	M	6.54 7.22 7.62 7.29 7.64 8.05
JAB273	F	7.22 6.90 7.48 7.99 6.45 7.50 7.03 7.25 7.26
JAB252	M	6.19 6.75 6.11 6.57 5.69 6.27 6.39 5.73
JAB252	F	5.73 5.58 6.49 5.65 5.65 5.61 5.97 6.26
JAB028	M	5.83 6.27 6.65 5.35 5.67 6.27 6.24 6.63 6.25 5.71
JAB028	F	5.96 5.82 4.79 5.80 5.98
JAB275	M	5.79 6.26 5.41 5.45 6.05 5.29 5.71
JAB275	F	5.74 5.40 5.95 5.64 4.62 5.61 5.02 5.59 4.68
JAB255	M	7.56 7.64 7.44 7.39 6.98 7.56 7.32 7.45 7.74
JAB255	F	7.04 7.55 7.53 6.86 7.29
JAB264	M	5.42 6.80 6.56 6.56 5.54 6.66 7.34 6.55 6.53
JAB264	F	6.35 6.52 6.50 6.87 6.71 6.09
JAB267	M	7.65 8.14 7.61 6.35 7.54
JAB267	F	7.30 7.24 3.32 7.25 6.80 7.25 7.83 6.81 7.37 7.28 8.46 8.08
JAB262	M	6.25 6.79 6.36 6.01 5.88 6.56
JAB262	F	6.35 6.22 6.10 6.33 6.25 5.64 6.45 6.29 6.20 6.80 6.09

DRAFT
NOT SUBJECTED TO
QA AUDIT

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG CONT.		
JAB102	M	5.35 5.24 6.11 6.32
JAB102	F	6.25 6.07 5.62
JAB246c		
JAB256	M	7.61 8.01 6.08 7.97
JAB256	F	7.70 7.84 7.79 7.00 7.96 7.24
JAB098	M	5.16 5.70 6.63 6.37 6.56 6.22 6.04 6.24 6.16
JAB098	F	5.53 5.95 6.12 6.20 5.38 6.18
JAB249	M	7.30 6.51 6.45 6.87 6.60 6.85 6.77
JAB249	F	6.45 6.64 6.73 6.41 6.56 6.37 4.85 6.90
JAB253	M	6.42 6.29 6.04 6.79 6.71 6.73 4.41 6.91 6.51 6.52
JAB253	F	6.51 6.50 6.00 6.35 6.16 6.08 6.07 5.55
JAB271a		

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
JAB029	M	6.04 6.19 6.05 5.85 5.47 6.12 6.03 5.96 5.73
JAB029	F	5.34 4.58 5.63 5.35 5.13
JAB032	M	5.82 7.49 6.94 5.50
JAB032	F	7.18 7.12 6.81 5.46 6.39 4.55 6.71 6.92 6.16 6.94 6.61 7.48 6.44
JAB276b		
JAB279	M	7.43 6.71 6.91 6.03 6.78 8.20
JAB279	F	7.09 6.48 6.38 5.74 6.80
JAB104	M	8.02 8.32 8.79 7.90 8.65 8.83 7.52 8.03
JAB104	F	7.47 8.43 7.89 8.47
JAB282	M	6.44 6.35 6.45 6.97 7.00 7.29 7.26
JAB282	F	4.79 6.23 5.75
JAB285	M	7.98 5.84 8.57 8.26 8.03 9.12
JAB285	F	7.91 7.42 7.45 7.49 8.18 8.07 6.95 7.42 6.99
JAB288	M	5.07 5.72 4.92 4.91 5.23 5.76 5.64 5.58 4.60 5.30
JAB288	F	5.52 4.92 5.04 5.20 4.67 5.12 5.52
JAB035	M	6.62 6.46 6.95 6.44 6.12 6.27 6.66 5.91 6.21 6.24
JAB035	F	6.48 6.48 5.42
JAB291b		
JAB107	M	5.76 6.65 6.61 6.04 4.15 6.77 6.27 6.19 6.25 4.88
JAB107	F	5.84 5.98 6.00 6.53 5.67 5.57 5.12 5.59 6.59
JAB292c		
JAB295	M	7.38 7.75 6.10 7.76 7.35
JAB295	F	6.17 7.63
JAB347	M	6.71 6.46 6.81 4.71 6.51 4.66 6.92 5.95 5.52 6.01 6.17 4.57
JAB347	F	5.81 6.29 5.99 6.44
JAB298	M	6.15
JAB298	F	6.06 5.85 5.53 6.65
JAB299b		
JAB348	M	6.56 6.72 7.27 6.24 6.81 6.55 6.31 7.04
JAB348	F	7.22 6.44 6.93 6.26 6.84 7.19 5.81 6.23 5.93
JAB277b		
JAB293	M	9.30 8.96 8.43
JAB293	F	8.65 8.59
JAB037	M	6.05 6.50 5.65 5.77 6.15
JAB037	F	6.37 5.93 5.42 5.78 6.76 6.22 5.91 6.25
JAB349	M	7.19 7.25 6.33 6.88
JAB349	F	6.93 6.59 6.93 6.70 6.44 6.37 6.55 6.56 6.55 7.25 6.56 6.03
JAB278	M	6.04 7.25 6.63 6.97 7.01 7.03 6.27
JAB278	F	5.85 5.91 6.25 6.29 6.97 7.15
JAB300b		
JAB034b		
JAB105	M	6.46 7.39 7.24 7.18 7.39 6.90 7.11
JAB105	F	6.64 6.23 6.90 6.67 6.67 6.53 7.18
JAB289b		

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG CONT.		
JAB297	M	6.65 7.92 5.94 8.04 7.07 7.14 7.74 7.48 7.09
JAB297	F	7.23 6.98 6.72 6.24 6.79
JAB106	M	7.88 7.24 7.09 7.98 7.09 8.25 7.23 6.89
JAB106	F	7.51 6.49 6.37 6.76 6.54 7.03 6.79 6.13 6.85
JAB281	M	9.67 9.57 10.26
JAB281	F	9.75 10.21
JAB290	M	7.77 7.69 7.24 7.31 8.05 7.93
JAB290	F	7.83 7.16 6.49 6.40 4.54 6.83 6.62 7.21

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG		
JAB302	M	6.09 7.04 6.72 7.02 7.06 6.95 6.73 6.52
JAB302	F	6.07 7.04 5.82 6.67 6.54 6.31 5.45
JAB038	M	5.09 5.81 6.22 5.91 4.34 6.04 5.18 5.69 5.36 5.75
JAB038	F	6.25 5.00 5.06
JAB110	M	6.02 6.84 7.32 7.01 6.41 6.11
JAB110	F	6.10 6.00 6.69 6.49 6.25 5.96 6.85 6.35
JAB305	M	6.21 6.61 5.82 6.83 6.42 6.10 6.36
JAB305	F	6.19 6.13 6.34 5.98 5.78 4.91 5.82 5.86
JAB113	M	6.39 6.39 5.64 6.95 6.54 6.58 7.17 5.37 6.40 5.46 6.74 6.55
JAB113	F	6.96 6.04 5.47 6.44 5.08 6.56 5.82
JAB116	M	8.41 6.88 6.55 7.62 8.40 7.59 7.93 7.89
JAB116	F	6.46 6.67 7.91 7.58 7.57 7.16 5.91 7.20 8.06 7.98 6.78 5.67 7.11
JAB308b		
JAB311	M	6.46 6.21 5.92 6.61 6.58 6.91 5.69
JAB311	F	6.30 5.70 5.52 5.87 6.37 5.98 6.12 5.83 5.04
JAB118b		
JAB314b		
JAB121	M	7.06 7.22 6.75 7.10 6.98
JAB121	F	5.81 6.77 6.61 6.05
JAB124b		
JAB316a		
JAB127b		
JAB130b		
JAB319	M	6.40 6.63 6.73 6.71 7.06
JAB319	F	6.15 6.63 6.07 6.30 6.02 6.33 6.03 6.70 6.28 5.90
JAB322	M	5.70 6.05 5.47 6.12
JAB322	F	5.23 6.10 5.56 7.10 5.39 5.44 4.24 5.55
JAB320	M	8.78
JAB320	F	7.76 8.64
JAB114b		
JAB306	M	6.86 6.99 6.86 6.83 6.98 6.94 7.10 7.02
JAB306	F	6.61 6.24 6.54 6.73 6.96
JAB313	M	6.75 6.36 6.82 6.07 6.99 6.08 6.76
JAB313	F	6.50 6.09 6.00 5.59 6.12 6.11 5.48 6.08 5.67
JAB323	M	5.87 5.59 6.33 5.90
JAB323	F	5.70 5.36 5.73 5.70 5.57 6.12 5.19 5.31 4.30 5.42
JAB310	M	7.10 6.80 6.92 7.29 7.23 7.01 3.45 7.29
JAB310	F	7.34 6.09 6.02 6.35 6.69 7.01
JAB117	M	7.28 7.48 7.97 6.68 7.89 6.52 7.12 6.63 6.92 7.24
JAB117	F	6.63 7.14 6.91 6.73
JAB040	M	5.57 5.31 5.30 5.87 6.20 6.12
JAB040	F	5.44 5.01 5.71 5.84 5.24 5.85 6.36 5.15 5.65 5.45 4.89 4.61

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG CONT.		
JAB309	M	6.85 7.02 7.02 7.09 7.20 6.27 6.74
JAB309	F	6.83 6.57 6.20 6.43 6.80 6.91
JAB039	M	6.07 6.49 6.11 6.27 6.15 5.69 4.32
JAB039	F	5.70 5.22 5.85 5.94 5.48 6.11 6.03
JAB317	M	8.75 8.91 8.08 8.65 9.17 8.73 7.99 8.15 8.71
JAB317	F	8.55 8.23 7.71 8.84 8.48
JAB120b		
JAB112	M	6.9[illegible] 6.49 6.27
JAB112	F	6.37 6.25 7.05 6.20 6.02 6.76 5.87 6.57 5.94 6.26 6.45 6.41 6.89 6.26

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
JAB325	M	4.71 5.45 4.66 5.01 4.57
JAB325	F	4.19
JAB133b		
JAB327	M	4.92 5.20 4.97 5.09
JAB327	F	4.44 4.66 4.82 4.44
JAB041c		
JAB331b		
JAB135	M	6.78
JAB135	F	6.70 6.47 6.21 6.86 6.47 6.24
JAB136	M	6.44 6.40 6.29
JAB136	F	6.25
JAB334b		
JAB045	M	5.60 5.59 6.06 5.59 5.37 5.66 6.03
JAB045	F	5.12 5.18 4.89 3.94 5.40 4.68
JAB335b		
JAB050	M	4.86 5.26 5.43 5.33 5.90
JAB050	F	4.65 4.77 4.55 4.65 4.81 5.11 5.06
JAB336c		
JAB339b		
JAB329	M	4.69 5.15 6.56 5.85 5.60
JAB329	F	5.71 5.32 5.30 4.92 5.70 5.57
JAB330c		
JAB343b		
JAB046	M	5.70 5.28 5.45 5.48 5.13 5.43
JAB046	F	5.24 5.33 5.38 5.07 5.38 5.38 4.80 4.83
JAB138b		
JAB043b		
JAB332b		
JAB337b		
JAB140b		
JAB328g		
JAB328	F	4.29
JAB342b		
JAB047b		
JAB134c		
JAB048b		
JAB341c		
JAB333b		
JAB338b		

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g = No male pups remain

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG		
JAB245b		
JAB248	M	11.41 11.53 10.64 11.61 11.48 11.27 10.90
JAB248	F	11.59 11.98 10.79 10.73 9.89
JAB026	M	9.36 8.45 8.50 9.75 9.93 10.03 10.12 10.32
JAB026	F	9.25 9.41 9.64 9.38 8.95 8.69 8.98 9.18
JAB251	M	9.74 8.44 9.59 8.51 8.89 10.37 10.25 10.79
JAB251	F	8.05 9.62 8.11 8.42 9.91 8.68
JAB095b		
JAB097	M	8.52 9.85 8.40 8.73 8.04 8.63 9.05
JAB097	F	8.84 8.80 9.14 9.04 8.55 8.97 8.38 6.79
JAB254	M	9.48 9.46 9.55 9.60 10.49 10.16 10.63
JAB254	F	9.56 7.79
JAB100	M	9.35 9.18 8.63 8.54 7.29 8.71 10.02 10.23
JAB100	F	9.04 9.19 9.13 9.15 8.74 8.70 9.16 9.03
JAB257	M	8.55 9.76 9.39 8.85 8.92 8.65 9.13 6.92 7.44 8.69
JAB257	F	8.33 6.86 9.41 8.78 8.39 7.64
JAB260	M	8.82 8.79 6.29 7.75 7.69
JAB260	F	7.82 7.26 7.64 8.09 8.16 8.92 7.86 6.96 7.91 6.11
JAB263	M	8.45 8.21 7.60 7.96 6.70 8.03 7.75
JAB263	F	7.16 6.76 7.88 7.51 7.70 6.70
JAB266	M	9.92 9.34 9.53 9.66 8.37 10.00
JAB266	F	9.27 8.60 9.09 9.91 9.93 11.06 8.91 9.05 8.55
JAB269	M	9.57 9.10 9.32 9.85 9.58 9.49 10.29 10.08 8.97 9.10
JAB269	F	9.38 9.05 9.71 9.25 8.77 9.15 10.10
JAB101	M	10.29 10.49 10.42 11.23 10.53
JAB101	F	10.46 11.14 10.06 10.15 10.34 9.39 10.22 8.60 10.85 9.04 9.17 10.75
JAB270	M	9.00 9.34 9.52 9.76 9.28 9.45 9.88 8.47
JAB270	F	8.98 9.90 8.23 7.06 7.99 9.03 9.42 8.34 9.11 9.08
JAB273	M	10.73 10.21 10.09 10.67 9.66 11.36
JAB273	F	10.00 10.18 10.29 10.39 9.03 9.71 9.73 9.69 9.96
JAB252	M	8.66 8.48 8.37 7.98 9.20 7.94
JAB252	F	7.63 8.18 6.86 8.08 8.78 7.94 7.53 8.79
JAB028	M	8.92 8.40 7.94 8.63 8.06 8.52 8.76 6.93 8.83 8.19
JAB028	F	7.42 7.45 7.12 7.37 5.97
JAB275	M	7.32 6.88 7.38 8.23 7.36
JAB275	F	7.65 7.12 6.48 6.49 7.33 7.04 7.23 4.89
JAB255	M	9.66 10.21 10.58 10.96 10.88 10.84 10.14 10.97 9.53
JAB255	F	9.40 10.51 10.01 10.27 10.45
JAB264	M	8.54 9.20 8.76 8.99 8.30 7.48 7.57 8.63 9.37
JAB264	F	9.39 8.38 8.93 8.68 8.47 9.35
JAB267	M	9.93 8.94 10.57 11.27 10.03
JAB267	F	9.79 8.85 10.49 10.57 10.80 10.75 11.31 10.12 10.53 11.99 9.91
JAB262	M	10.10 9.35 9.47 8.51 9.39 10.27
JAB262	F	10.34 9.53 9.50 9.68 9.60 9.29 8.63 9.08 9.53 8.96 9.09

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG CONT.		
JAB102	M	10.20 9.04 10.37 11.07
JAB102	F	10.32 9.79 10.51
JAB246c		
JAB256	M	12.10 11.92 11.95 11.28
JAB256	F	11.41 12.03 10.31 11.67 10.59 11.95
JAB098	M	8.80 7.97 9.18 7.79 7.28 7.62 9.47 9.39
JAB098	F	8.73 8.38 8.98 8.47 7.40 8.46
JAB249	M	9.22 8.74 9.22 9.71 9.20 9.92 10.23
JAB249	F	9.30 9.22 8.92 5.91 9.37 8.89 9.55 9.36
JAB253	M	8.92 9.84 8.30 8.82 8.75 9.17 9.53 8.81 9.25 5.24
JAB253	F	9.36 7.88 8.32 8.82 9.00 9.84 8.67 8.40
JAB271a		

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
JAB029	M	8.74 8.90 9.32 9.08 9.42 8.53 7.99 8.33 9.12
JAB029	F	8.01 8.03 8.36 7.72
JAB032	M	7.37 8.38 10.93 10.35
JAB032	F	9.53 9.94 10.47 10.62 9.71 10.19 9.29 8.13 10.72 6.27 10.23 10.07 8.70
JAB276b		
JAB279	M	11.16 12.10 10.68 10.44 9.90 9.57
JAB279	F	10.32 10.05 9.77 9.99 9.71
JAB104	M	10.29 12.92 12.50 12.01 11.99 12.05 10.81 11.97
JAB104	F	11.74 11.63 11.45 11.25
JAB282	M	9.64 9.21 10.72 10.59 10.72 10.79
JAB282	F	8.91 8.25
JAB285	M	10.79 9.49 10.62 8.71 11.32 5.92
JAB285	F	8.75 8.26 7.74 8.92 8.69 8.46 7.07 9.78 9.58
JAB288	M	8.51 8.31 6.49 7.00 7.96 8.67 7.31 8.07 8.73 8.75
JAB288	F	8.16 7.41 7.31 8.63 7.56 7.30 6.77
JAB035	M	9.54 9.44 8.72 9.62 9.55 9.54 8.79 9.22 8.91 9.83
JAB035	F	9.62 8.99 8.07
JAB291b		
JAB107	M	8.41 7.42 8.70 7.75 8.00 8.37 9.58 9.15
JAB107	F	7.59 8.05 7.94 7.64 6.64 6.23 8.28 9.16 7.39
JAB292c		
JAB295	M	10.96 8.45 11.16 11.51 11.05
JAB295	F	11.15 8.44
JAB347	M	8.12 6.50 9.29 9.83 9.50 9.96 9.80 9.60 9.58 6.85 6.41 8.87
JAB347	F	9.68 9.56 9.36 8.96
JAB298	M	8.79
JAB298	F	8.03 9.23 8.49 7.75
JAB299b		
JAB348	M	9.56 9.06 8.63 9.01 8.65 7.76 7.98 7.52
JAB348	F	7.99 9.09 9.69 8.12 7.93 8.96 7.42 8.00 7.86
JAB277b		
JAB293	M	12.92 12.75 13.02
JAB293	F	13.18 13.00
JAB037	M	8.27 8.07 8.86 8.73 8.65
JAB037	F	9.00 9.90 8.55 8.88 8.35 8.48 8.96 7.36
JAB349	M	9.41 9.54 10.12 8.09
JAB349	F	9.72 8.63 8.71 7.18 8.82 9.05 9.74 7.86 9.66 9.78 8.64 9.53
JAB278	M	8.94 9.96 9.77 9.78 10.22 11.18 9.24
JAB278	F	8.32 8.64 8.25 8.63 11.15 10.21
JAB300b		
JAB034b		

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG CONT.		
JAB105	M	9.84 9.75 9.42 8.63 9.26 9.61 10.43
JAB105	F	9.28 9.79 9.03 9.58 8.99 9.01 9.79
JAB289b		
JAB297	M	10.79 12.33 11.69 6.97 9.92 10.38 11.62 10.81 11.83
JAB297	F	10.22 10.22 10.15 8.78 9.86
JAB106	M	9.25 9.51 9.45 9.83 9.60 10.60 8.37 9.70
JAB106	F	9.36 8.71 9.09 8.89 8.97 8.72 9.36 8.13 8.27
JAB281	M	16.43 15.32 15.63
JAB281	F	15.37 15.55
JAB290	M	9.84 10.05 10.69 10.19 10.66 10.66
JAB290	F	8.75 10.17 8.98 9.43 9.21 8.90 8.93 9.10

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG		
JAB302	M	10.16 9.70 9.43 10.12 7.54 9.18 10.84 9.30
JAB302	F	9.37 8.32 9.50 8.69 8.45 9.94 9.36
JAB038	M	5.23 7.44 6.57 5.17 4.73 7.60 7.05 6.96 7.15 6.95
JAB038	F	6.18 6.52 6.08
JAB110	M	9.07 10.10 9.04 8.82 10.56 10.69
JAB110	F	8.16 10.16 8.38 8.65 9.20 9.67 9.34 8.79
JAB305	M	7.94 7.58 7.30 7.96 8.49 8.34 8.21
JAB305	F	7.63 7.95 7.84 6.31 7.55 8.16 7.11 7.96
JAB113	M	9.33 9.67 9.32 7.82 7.80 9.25 9.28 9.00 10.06 8.42 10.27 7.39
JAB113	F	8.72 9.75 7.09 8.18 7.78 9.04 8.50
JAB116	M	12.20 9.60 10.72 10.96 10.26 8.38 9.29 11.01
JAB116	F	10.64 9.52 10.37 10.32 12.00 8.98 6.77 10.49 9.69 8.49 8.57 8.04 10.44
JAB308b		
JAB311	M	9.67 8.15 9.32 7.99 9.54 9.58 9.66
JAB311	F	6.67 8.32 9.27 8.32 8.68 8.65 7.91 9.22 7.99
JAB118b		
JAB314b		
JAB121	M	10.21 10.95 11.16 10.54 10.64
JAB121	F	10.36 10.46 8.41 9.82
JAB124b		
JAB316a		
JAB127b		
JAB130b		
JAB319	M	8.82 8.65 8.71 8.06 8.52
JAB319	F	9.36 9.02 8.57 8.08 9.10 7.42 9.43 8.10 8.78 7.78
JAB322	M	7.48 8.04 8.42 8.19
JAB322	F	7.87 8.05 7.29 8.22 7.30 7.98 8.79 7.48
JAB320	M	12.37
JAB320	F	11.65 12.69
JAB114b		
JAB306	M	9.39 9.62 9.88 8.81 9.34 9.62 9.04 9.24
JAB306	F	8.59 8.69 8.44 8.89 9.11
JAB313	M	9.83 10.04 9.75 10.32 9.16 10.23 9.54
JAB313	F	8.05 8.90 8.92 7.55 8.88 8.90 9.75 8.56 9.06
JAB323	M	9.21 8.52 8.19 8.73
JAB323	F	7.69 7.84 7.30 9.10 7.83 8.49 8.65 8.37 8.83
JAB310	M	11.10 10.98 10.29 10.63 5.63 11.19 11.28 10.64
JAB310	F	11.25 10.49 10.98 10.10 9.73 11.44
JAB117	M	10.95 10.73 9.87 11.70 9.69 10.70 9.17 10.70 11.35 10.05
JAB117	F	11.30 11.29 9.72 11.37
JAB040	M	9.12 9.41 7.56 7.13 7.73 7.78
JAB040	F	9.26 9.67 6.98 7.27 7.71 8.68 7.42 8.57 6.05 7.61 7.93 8.07

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG CONT.		
JAB309	M	9.98 10.78 10.77 11.58 10.64 9.54 10.10
JAB309	F	9.87 10.47 10.71 10.29 10.60 9.99
JAB039	M	8.13 7.81 5.06 7.67 8.36 8.08 8.03
JAB039	F	7.78 7.57 8.24 8.15 7.10 6.96 7.30
JAB317	M	13.46 10.79 12.28 13.47 11.20 12.96 12.92 13.02 11.57
JAB317	F	12.63 12.97 12.69 10.87 12.12
JAB120b		
JAB112	M	9.51 10.04 8.62
JAB112	F	8.74 9.24 9.03 10.09 8.35 8.63 9.31 10.07 8.51 8.46 9.04 9.22 9.48 9.76

NOTES:
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f = No female pups remain
g = No male pups remain

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
JAB325	M	5.19 6.40 4.76 4.25
JAB325f		
JAB133b		
JAB327c		
JAB041c		
JAB331b		
JAB135	M	8.52
JAB135	F	7.87 8.50 8.30 8.11 8.33 7.90
JAB136	M	8.37 8.02 8.25
JAB136	F	8.82
JAB334b		
JAB045	M	7.22 7.38 7.07 7.06 7.55 7.69 7.42
JAB045	F	5.45 6.97 6.38 6.31 7.09
JAB335b		
JAB050c		
JAB336c		
JAB339b		
JAB329	M	7.61 6.21 6.89 8.10 7.33
JAB329	F	7.38 6.35 6.07 6.90 6.89
JAB330c		
JAB343b		
JAB046	M	6.26 6.05 6.59 6.56 6.37 6.42
JAB046	F	6.65 6.19 6.68 5.48 6.21 6.04 5.76 6.24
JAB138b		
JAB043b		
JAB332b		
JAB337b		
JAB140b		
JAB328c		
JAB042b		
JAB047b		
JAB134c		
JAB048b		
JAB341c		
JAB333b		
JAB338b		

NOTES: a = Animal dead
b = Animal did not deliver
c = No pups remain
d = No female pups present
e = Not recorded due to technician oversight
f = No female pups remain
g = No male pups remain

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)						
GROUP 1 - 0 MG/KG								
JAB245b								
JAB248	M	17.85	17.59	16.35	18.04	17.89		
JAB248	F	17.30	15.11	17.88	17.99	16.66		
JAB026	M	16.07	15.07	15.67	13.83	14.57		
JAB026	F	15.56	16.29	15.06	15.84	15.76		
JAB251	M	16.52	15.05	14.78	13.83	14.50		
JAB251	F	14.70	11.91	12.10	12.82	15.32		
JAB095b								
JAB097	M	12.42	14.23	13.77	14.79	13.79		
JAB097	F	14.13	13.95	13.79	14.34	10.14		
JAB254	M	14.14	13.71	13.91	13.18	13.82	14.01	15.77
JAB254	F	10.40	14.52					
JAB100	M	15.26	12.50	15.44	15.64	15.26		
JAB100	F	14.46	15.15	13.69	15.13	14.72		
JAB257	M	12.03	14.53	14.91	13.79	13.90		
JAB257	F	13.89	12.99	13.77	15.06	13.74		
JAB260	M	14.72	12.86	10.64	12.89	14.03		
JAB260	F	14.45	13.81	13.13	13.39	11.85		
JAB263	M	14.21	12.92	13.40	11.32	13.32		
JAB263	F	11.98	11.97	13.32	12.82	10 83		
JAB266	M	15.65	16.11	16.12	15.46	13.93		
JAB266	F	13.79	15.38	15.82	15.72	17.93		
JAB269	M	16.36	16.24	15.94	15.72	14.85		
JAB269	F	15.03	15.71	15.28	15.98	15.17		
JAB101	M	17.08	17.24	16.07	17.09	17.82		
JAB101	F	16.26	16.70	12.48	14.62	15.90		
JAB270	M	15.04	15.17	15.49	13.94	16.03		
JAB270	F	14.85	13.14	13.74	13.85	14.67		
JAB273	M	16.82	16.94	15.36	15.35	15.89		
JAB273	F	15.98	15.88	15.54	15.65	16.05		
JAB252	M	13.89	11.64	13.91	12.06	11.45		
JAB252	F	11.66	12.49	11.65	11.81	13.34		
JAB028	M	10.93	13.91	13.09	12.71	12.71		
JAB028	F	11.35	12.02	11.24	11.71	9.17		
JAB275	M	11.73	11.17	12.83	10.88	10.66		
JAB275	F	11.04	11.80	11.22	11.52	7.55		
JAB255	M	17.60	16.44	14.40	15.94	15.95		
JAB255	F	15.60	16.76	15.28	17.14	16.29		
JAB264	M	15.99	12.68	15.16	12.72	16.07		
JAB264	F	14.77	14.40	15.69	14.99	15.21		
JAB267	M	16.38	15.87	17.69	15.67	13.75		
JAB267	F	16.88	16.61	16.08	15.38	14.57		
JAB262	M	18.03	17.34	14.92	16.74	16.22		
JAB262	F	16.53	17.72	16.17	14.87	15.34		

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)						
GROUP 1 - 0 MG/KG CONT.								
JAB102	M	16.58	15.69	17.48	14.58			
JAB102	F	16.80	15.47	16.32				
JAB246c								
JAB256	M	15.81	16.51	18.27	15.58			
JAB256	F	15.56	16.65	15.58	16.57	14.68	16.33	
JAB098	M	15.21	13.21	14.60	12.37	13.17		
JAB098	F	13.54	11.89	14.43	13.97	13.55		
JAB249	M	14.27	15.35	15.02	16.26	14.21		
JAB249	F	14.51	14.78	14.44	13.93	13.74		
JAB253	M	12.11	12.80	11.06	11.44	5.70		
JAB253	F	10.75	10.10	12.73	10.29	9.85		
JAB271a								

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g = No male pups remain

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)					
GROUP 2 - 50 MG/KG							
JAB029	M	14.46	13.62	14.33	14.41	14.58	
JAB029	F	12.41	12.79	12.19	13.24		
JAB032	M	17.93	12.38	13.72	17.13		
JAB032	F	16.9[illegible]	[illegible].52	15.54	12.06	15.41	
JAB276b							
JAB279	M	15.82	13.85	14.03	12.31	14.22	
JAB279	F	13.69	11.91	13.88	14.29	12.90	
JAB104	M	19.39	17.47	16.14	17.52	17.14	
JAB104	F	16.26	16.70	16.68	17.41		
JAB282	M	16.99	16.40	16.15	16.18	15.50	14.47
JAB282	F	13.98	13.33				
JAB285	M	14.26	14.91	12.87	10.90	15.98	
JAB285	F	11.56	11.54	10.78	11.49	9.99	
JAB288	M	12.29	11.74	11.58	12.00	12.19	
JAB288	F	11.20	10.25	12.19	10.79	11.08	
JAB035	M	14.56	15.31	14.39	15.64	14.34	
JAB035	F	14.77	13.90	12.55			
JAB291b							
JAB107	M	13.61	12.60	10.45	12.12	15.23	
JAB107	F	11.20	12.41	11.14	13.30	9.35	
JAB292c							
JAB295	M	14.51	11.26	15.10	14.61	15.27	
JAB295	F	14.61	11.24				
JAB347	M	15.26	15.00	13.44	14.50	14.38	
JAB347	F	13.61	14.92	14.86	15.55		
JAB298	M	15.30					
JAB298	F	15.57	13.66	14.90	13.50		
JAB299b							
JAB348	M	9.18	7.85	9.68	8.75	7.40	
JAB348	F	9.62	9.13	7.48	8.07	7.89	
JAB277b							
JAB293	M	20.22	20.08	19.75			
JAB293	F	20.43	20.80				
JAB037	M	1[illegible].67	14.83	14.20	14.84	11.24	
JAB037	F	1[illegible].71	12.10	12.55	14.19	14.73	
JAB349	M	16.23	16.61	15.89	13.52		
JAB349	F	14.31	11.93	13.50	16.60	10.61	
JAB278	M	15.82	14.53	16.05	17.39	16.18	
JAB278	F	16.39	16.96	14.16	14.16	14.23	
JAB300b							
JAB034b							

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)				
GROUP 2 - 50 MG/KG CONT.						
JAB105	M	15.52	13.13	14.75	14.81	13.35
JAB105	F	14.58	13.33	14.52	14.70	12.83
JAB289b						
JAB297	M	17.31	16.92	12.51	15.57	16.44
JAB297	F	13.40	15.28	13.63	12.79	14.50
JAB106	M	14.49	15.10	16.69	15.89	15.78
JAB106	F	14.50	14.26	14.41	13.64	14.91
JAB281	M	23.50	24.15	22.00		
JAB281	F	23.71	22.64			
JAB290	M	13.98	14.98	14.87	14.51	14.35
JAB290	F	11.82	14.50	13.46	12.46	7.70

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)				
GROUP 3 - 160 MG/KG						
JAB302	M	16.18	11.59	15.18	15.92	14.31
JAB302	F	13.02	14.44	13.54	14.22	15.23
JAB038	M	11.85	11.09	8.27	6.65	12.86
JAB038	F	8.03	8.03	8.36		
JAB110	M	13.78	16.03	15.60	16.14	13.53
JAB110	F	15.56	13.10	12.77	14.00	13.03
JAB305	M	13.60	13.75	13.19	13.55	13.80
JAB305	F	13.02	11.23	13.15	13.72	12.88
JAB113	M	15.24	12.95	16.22	15.53	14.43
JAB113	F	14.46	15.56	13.29	11.38	12.29
JAB116	M	17.07	14.57	20.08	18.06	18.71
JAB116	F	16.04	12.70	17.59	15.76	18.09
JAB308b						
JAB311	M	12.97	16.07	15.20	15.21	15.10
JAB311	F	13.72	12.60	11.10	14.89	14.90
JAB118b						
JAB314b						
JAB121	M	15.27	15.17	16.30	14.78	14.74
JAB121	F	15.28	14.50	14.38	12.84	
JAB124b						
JAB316a						
JAB127b						
JAB130b						
JAB319	M	15.35	14.41	15.55	15.01	15.36
JAB319	F	13.35	14.57	12.91	13.66	14.47
JAB322	M	12.26	13.46	12.53	12.93	
JAB322	F	11.70	13.21	14.20	12.06	13.05
JAB320	M	16.47				
JAB320	F	17.10	17.03			
JAB114b						
JAB306	M	15.23	15.28	13.63	13.67	14.10
JAB306	F	13.16	12.85	14.25	12.83	13.28
JAB313	M	14.89	16.00	16.38	15.94	16.13
JAB313	F	14.43	12.54	14.57	15.73	13.31
JAB323	M	13.78	13.86	13.47	14.58	
JAB323	F	12.60	12.65	11.70	12.90	13.06
JAB310	M	16.18	17.08	17.16	16.75	8.12
JAB310	F	17.11	15.68	14.79	15.42	16.70
JAB117	M	14.70	15.24	16.56	16.47	16.76
JAB117	F	16.96	17.62	15.62	15.14	
JAB040	M	12.30	14.47	14.66	12.02	11.59
JAB040	F	15.18	10.35	11.14	10.91	13.59

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)				
GROUP 3 - 160 MG/KG CONT.						
JAB309	M	17.54	16.53	16.98	18.03	16.08
JAB309	F	17.09	17.15	16.82	16.84	16.01
JAB039	M	11.94	13.21	13.13	11.88	11.99
JAB039	F	10.97	11.49	13.04	12.96	11.46
JAB317	M	19.41	20.11	16.58	20.[illegible]	17.32
JAB317	F	19.75	17.52	20.40	17.3[illegible]	19.35
JAB120b						
JAB112	M	13.64	15.77			
JAB112	F	15.25	13.95	17.15	15.70	14.10

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
JAB325	M	5.41 4.39 7.50 6.05
JAB325f		
JAB133b		
JAB327c		
JAB041c		
JAB331b		
JAB135	M	12.00
JAB135	F	12.80 12.62 12.58 11.20 12.52 12.22
JAB136	M	13.08 9.76 9.99
JAB136	F	13.05
JAB334b		
JAB045	M	10.61 9.45 9.37 10.25 10.00
JAB045	F	10.11 6.36 8.06 9.08 8.94
JAB335b		
JAB050c		
JAB336c		
JAB339b		
JAB329	M	10.22 8.65 10.58 9.32
JAB329	F	10.03 9.42 10.47 8.66 7.88 9.50
JAB330c		
JAB343b		
JAB046	M	9.76 8.53 9.39 9.42 9.63
JAB046	F	7.31 9.52 8.92 8.22 8.42
JAB138b		
JAB043b		
JAB332b		
JAB337b		
JAB140b		
JAB328c		
JAB042b		
JAB047b		
JAB134c		
JAB048b		
JAB341c		
JAB333b		
JAB338b		

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d = No female pups present
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f = No female pups remain
g = No male pups remain

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)						
GROUP 1 - 0 MG/KG								
JAB245b								
JAB248	M	31.50	32.56	31.40	33.42	30.97		
JAB248	F	30.28	32.04	31.63	32.31	27.28		
JAB026	M	31.53	28.45	33.52	32.86	29.91		
JAB026	F	31.13	26.99	33.36	32.36	31.88		
JAB251	M	30.74	30.85	32.72	30.60	29.34		
JAB251	F	26.75	30.22	31.75	26.33	27.83		
JAB095b								
JAB097	M	25.26	29.25	27.94	29.54	27.65		
JAB097	F	28.20	27.79	28.19	22.65	29.25		
JAB254	M	28.58	26.50	28.67	27.02	27.63	28.05	30.40
JAB254	F	20.55	26.17					
JAB100	M	26.57	25.40	28.27	28.43	29.43		
JAB100	F	29.69	25.64	28.54	28.73	28.44		
JAB257	M	28.29	29.07	28.36	23.65	28.62		
JAB257	F	27.18	28.15	27.94	29.04	26.71		
JAB260	M	25.10	30.02	28.93	30.85	29.88		
JAB260	F	29.08	26.60	28.56	29.78	28.83		
JAB263	M	28.98	30.79	25.53	28.59	27.96		
JAB263	F	25.93	25.51	29.17	26.62	24.86		
JAB266	M	30.12	30.02	30.71	31.18	27.11		
JAB266	F	3[illegible].59	28.44	29.92	27.32	30.49		
JAB[illegible]69	M	3[illegible].44	29.94	31.12	31.48	29.05		
[illegible]	F	30.46	28.91	29.32	29.66	27.25		
[illegible]	M	33.60	35.00	35.10	32.74	36.14		
[illegible]	F	30.87	32.67	38.63	33.19	32.12		
[illegible]	M	33.17	30.32	32.06	30.53	28.60		
[illegible]0	F	29.51	28.62	28.37	30.13	27.81		
JAB273	M	33.93	32.51	34.76	32.56	34.04		
JAB273	F	32.83	33.56	32.28	34.74	31.48		
JAB252	M	26.82	27.87	29.60	28.82	23.55		
JAB252	F	26.95	28.52	25.40	26.61	24.37		
JAB028	M	24.54	25.43	23.96	26.11	18.89		
JAB028	F	22.25	23.71	22.73	19.49	2[illegible].45		
JAB275	M	26.86	26.83	27.56	28.38	2[illegible].31		
JAB275	F	26.57	27.35	26.16	26.88	20.75		
JAB255	M	30.33	25.31	27.99	29.63	27.37		
JAB255	F	30.74	29.57	31.12	31.38	29.47		
JAB264	M	28.04	29.88	25.89	29.97	27.90		
JAB264	F	30.51	29.36	28.41	28.95	28.03		
JAB267	M	31.97	30.87	29.74	31.09	30.22		
JAB267	F	32.41	33.10	29.82	30.67	30.97		
JAB262	M	31.16	32.48	31.91	33.70	33.17		
JAB262	F	29.71	31.57	31.58	31.30	32.44		

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)					
GROUP 1 - 0 MG/KG CONT.							
JAB102	M	36.09	33.59	33.81	33.51		
JAB102	F	34.04	33.27	31.33			
JAB246c							
JAB256	M	31.48	29.22	29.78	36.86		
JAB256	F	30.43	29.94	30.89	28.47	31.89	30.05
JAB098	M	26.56	26.56	29.50	29.52	27.94	
JAB098	F	29.97	27.97	25.45	27.28	27.21	
JAB249	M	31.77	29.85	30.20	27.64	28.74	
JAB249	F	26.83	27.10	27.35	28.18	28.32	
JAB253	M	27.96	26.70	28.26	23.46	13.54	
JAB253	F	25.69	22.59	24.22	27.26	24.73	
JAB271a							

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)					
GROUP 2 - 50 MG/KG							
JAB029	M	30.84	29.21	31.20	29.66	29.96	
JAB029	F	27.76	27.44	29.38	28.39		
JAB032	M	25.24	34.47	34.18	29.35		
JAB032	F	31.31	31.87	25.63	31.41	32.23	
JAB276b							
JAB279	M	25.24	24.96	24.40	26.94	24.02	
JAB279	F	23.06	25.24	24.20	21.90	22.34	
JAB104	M	31.39	30.51	34.83	32.95	29.79	
JAB104	F	30.76	31.13	31.73	30.82		
JAB282	M	33.39	33.19	28.99	36.16	33.37	31.35
JAB282	F	29.70	28.87				
JAB285	M	31.84	32.13	34.63	30.68	27.61	
JAB285	F	28.51	27.17	26.66	27.32	27.96	
JAB288	M	26.35	26.48	26.35	27.52	28.44	
JAB288	F	26.22	24.24	21.07	25.93	23.64	
JAB035	M	30.73	31.90	29.21	33.02	30.62	
JAB035	F	29.11	26.40	30.56			
JAB291b							
JAB107	M	31.46	27.21	25.30	23.03	30.66	
JAB107	F	27.29	22.24	24.79	23.31	29.44	
JAB292c							
JAB295	M	31.69	30.82	28.54	30.06	21.21	
JAB295	F	29.59	23.10				
JAB347	M	26.21	27.41	22.26	24.86	24.98	
JAB347	F	26.84	21.12	22.82	24.45		
JAB298	M	32.64					
JAB298	F	32.47	30.96	31.00	31.48		
JAB299b							
JAB348	M	21.09	20.81	18.15	17.95	22.57	
JAB348	F	18.97	18.53	15.26	23.90	22.79	
JAB277b							
JAB293	M	37.37	38.08	37.70			
JAB293	F	38.81	38.31				
JAB037	M	30.71	28.50	29.43	29.99	25.33	
JAB037	F	27.04	27.68	27.20	29.56	26.92	
JAB349	M	31.45	32.41	31.15	34.86		
JAB349	F	28.39	28.32	26.87	23.19	34.47	
JAB278	M	31.10	33.89	34.15	34.87	31.27	
JAB278	F	34.69	30.44	29.91	33.58	29.70	
JAB300b							
JAB034b							
JAB105	M	26.15	31.11	29.71	31.84	28.98	
JAB105	F	31.21	31.38	26.48	28.40	30.02	
JAB289b							

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)				
GROUP 2 - 50 MG/KG CONT.						
JAB257	M	23.41	33.94	31.87	33.57	30.12
JAB297	F	27.90	29.07	31.28	28.52	25.15
JAB106	M	31.56	32.28	30.39	32.88	30.61
JAB106	F	28.15	30.26	29.78	29.25	29.75
JAB281	M	42.17	43.82	40.15		
JAB281	F	41.70	41.06			
JAB290	M	29.85	29.14	29.72	30.67	28.38
JAB290	F	26.68	27.70	24.70	27.36	17.18

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)				
GROUP 3 - 160 MG/KG						
JAB302	M	34.73	33.67	31.88	33.20	24.65
JAB302	F	31.00	32.35	29.95	29.90	30.16
JAB038	M	31.03	32.77	29.46	16.76	16.95
JAB038	F	18.23	20.51	22.35		
JAB110	M	30.95	27.56	26.72	32.09	28.33
JAB110	F	31.67	25.38	25.70	25.83	26.62
JAB305	M	29.30	27.44	27.49	27.34	27.31
JAB305	F	27.61	26.47	26.40	26.70	25.40
JAB113	M	30.96	28.05	29.45	32.29	33.42
JAB113	F	30.84	30.20	27.28	26.11	29.41
JAB116	M	34.07	36.50	31.24	35.99	33.59
JAB116	F	34.84	27.71	20.78	32.02	32.08
JAB308b						
JAB311	M	25.05	27.58	26.89	28.34	28.64
JAB311	F	25.49	27.41	22.35	26.45	28.91
JAB118b						
JAB314b						
JAB121	M	33.23	34.49	33.22	30.35	30.76
JAB121	F	27.04	30.38	31.77	30.83	
JAB124b						
JAB316a						
JAB127b						
JAB130b						
JAB319	M	30.23	28.98	29.77	28.75	29.59
JAB319	F	28.50	25.86	28.30	26.74	25.25
JAB322	M	28.24	28.16	27.12	28.66	
JAB322	F	26.11	27.69	27.16	31.36	29.04
JAB320	M	28.75				
JAB320	F	30.62	30.21			
JAB114b						
JAB306	M	26.00	28.87	26.93	27.97	28.53
JAB306	F	25.07	26.65	26.57	25.82	28.30
JAB313	M	31.82	29.74	31.49	31.11	30.59
JAB313	F	25.74	26.05	29.36	28.51	30.06
JAB323	M	31.62	29.35	29.89	30.65	
JAB323	F	27.74	30.21	28.55	29.43	28.62
JAB310	M	36.31	35.10	36.01	35.41	20.25
JAB310	F	36.00	33.18	32.95	35.87	32.67
JAB117	M	28.93	32.67	31.52	32.56	29.60
JAB117	F	30.81	32.54	31.98	32.98	
JAB040	M	32.18	26.36	28.50	31.35	
JAB040	F	25.77	26.39	29.58	26.19	32.90

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)				
GROUP 3 - 160 MG/KG CONT.						
JAB309	M	31.98	31.25	33.18	30.76	33.23
JAB309	F	31.46	29.90	30.70	29.93	30.86
JAB039	M	26.60	26.76	26.06	28.16	26.08
JAB039	F	23.96	26.21	23.79	27.11	23.29
JAB317	M	34.03	32.66	36.45	34.91	36.53
JAB317	F	35.00	34.50	33.26	35.56	37.23
JAB120b						
JAB112	M	31.44	35.84			
JAB112	F	29.60	34.30	34.22	32.27	36.93

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
JAB325	M	13.78 12.27
JAB325f		
JAB133b		
JAB327c		
JAB041c		
JAB331b		
JAB135	M	27.46
JAB135	F	28.21 27.48 28.25 26.06 25.90 27.73
JAB136	M	20.71 28.39 22.08
JAB136	F	27.85
JAB334b		
JAB045	M	21.76 21.82 20.77 22.53 22.65
JAB045	F	20.59 12.56 18.39 21.53 19.44
JAB335b		
JAB050c		
JAB336c		
JAB339b		
JAB329	M	12.14 14.12 12.32 14.11
JAB329	F	10.82 13.54 16.20 13.80 15.85 13.08
JAB330c		
JAB343b		
JAB046	M	17.33 20.16 19.57 19.46 19.91
JAB046	F	19.41 20.72 19.50 19.16 16.82
JAB138b		
JAB043b		
JAB332b		
JAB337b		
JAB140b		
JAB328c		
JAB042b		
JAB047b		
JAB134c		
JAB048b		
JAB341c		
JAB333b		
JAB338b		

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)						
GROUP 1 - 0 MG/KG								
JAB245b								
JAB248	M	49.18	52.97	53.74	53.00	55.09		
JAB248	F	52.50	52.33	44.53	57.76	51.06		
JAB026	M	51.28	53.10	53.77	46.20	46.31		
JAB026	F	51.09	56.19	50.59	51.34	49.96		
JAB251	M	50.16	51.29	54.56	48.43	54.43		
JAB251	F	44.57	45.91	45.48	47.77	54.17		
JAB095b								
JAB097	M	44.10	41.35	36.84	43.06	41.94		
JAB097	F	41.23	44.18	43.07	33.77	40.80		
JAB254	M	55.06	52.38	45.38	48.17	48.74	53.65	45.86
JAB254	F	45.99	32.26					
JAB100	M	49.06	44.33	43.06	47.16	49.89		
JAB100	F	46.82	42.45	46.49	45.61	44.46		
JAB257	M	47.54	45.30	45.45	39.03	49.02		
JAB257	F	46.77	44.71	46.89	43.47	48.62		
JAB260	M	49.71	45.35	46.78	43.40	36.75		
JAB260	F	38.22	44.72	47.10	44.54	47.18		
JAB263	M	44.48	44.24	37.65	49.28	47.18		
JAB263	F	38.08	45.04	42.87	40.40	41.43		
JAB266	M	47.74	48.78	43.97	46.10	47.73		
JAB266	F	42.04	49.76	42.93	48.06	46.34		
JAB269	M	49.56	53.37	52.77	46.77	50.20		
JAB269	F	47.04	44.65	49.00	46.65	47.53		
JAB101	M	54.27	46.99	55.02	52.97	49.79		
JAB101	F	48.15	49.34	42.79	51.80	48.70		
JAB270	M	54.57	54.26	56.30	49.25	51.63		
JAB270	F	49.09	46.56	50.26	44.76	47.05		
JAB273	M	53.70	52.56	54.12	53.47	54.62		
JAB273	F	51.38	52.48	51.43	55.31	50.46		
JAB252	M	45.50	42.70	38.87	46.14	43.39		
JAB252	F	37.06	39.89	40.24	40.50	43.95		
JAB028	M	29.89	38.36	38.54	39.02	41.67		
JAB028	F	35.73	37.30	36.06	34.75	31.44		
JAB275	M	41.69	44.08	42.31	41.21	43.94		
JAB275	F	40.70	39.07	39.99	40.83	34.66		
JAB255	M	51.97	42.89	49.32	49.28	48.18		
JAB255	F	51.20	50.59	49.04	50.50	47.51		
JAB264	M	40.60	43.23	36.76	42.56	44.09		
JAB264	F	42.28	40.40	44.54	43.91	43.82		
JAB267	M	53.83	53.61	39.35	49.22	48.52		
JAB267	F	47.78	51.71	50.96	53.51	52.38		
JAB262	M	52.73	51.70	50.80	50.30	51.94		
JAB262	F	50.63	46.50	52.43	49.95	50.47		

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG CONT.		
JAB102	M	61.90 52.63 52.37 52.23
JAB102	F	48.83 55.18 54.25
JAB246c		
JAB256	M	44.73 54.67 49.12 48.89
JAB256	F	45.74 50.68 52.91 48.47 52.75 51.13
JAB098	M	40.49 42.20 37.52 38.82 37.50
JAB098	F	35.50 40.17 38.93 36.97 37.26
JAB249	M	52.88 47.40 51.66 48.66 45.84
JAB249	F	45.85 45.37 45.36 42.26 46.18
JAB253	M	45.25 40.67 43.55 36.73 23.91
JAB253	F	39.44 37.63 38.84 41.10 42.54
JAB271a		

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)					
GROUP 2 - 50 MG/KG							
JAB029	M	52.90	47.66	46.01	44.19	43.73	
JAB029	F	39.11	44.85	45.03	45.44		
JAB032	M	48.45	39.49	56.87	55.78		
JAB032	F	55.30	52.63	54.48	51.86	40.17	
JAB276b							
JAB279	M	45.98	41.14	44.24	43.31	42.66	
JAB279	F	39.01	37.63	36.05	43.42	40.51	
JAB104	M	56.70	54.96	52.48	61.76	53.40	
JAB104	F	55.09	53.93	56.87	45.18		
JAB282	M	49.23	53.84	52.66	54.73	51.28	50.15
JAB282	F	44.28	44.85				
JAB285	M	52.03	50.48	52.86	54.64	47.08	
JAB285	F	44.05	45.30	45.92	43.51	41.68	
JAB288	M	42.17	39.54	38.24	39.82	40.04	
JAB288	F	39.30	34.32	37.59	34.52	35.24	
JAB035	M	52.82	50.57	49.21	51.26	48.64	
JAB035	F	49.18	48.73	40.59			
JAB291b							
JAB107	M	47.24	43.83	39.37	38.67	34.60	
JAB107	F	35.97	38.72	42.61	36.16	33.79	
JAB292c							
JAB295	M	50.31	52.05	49.51	48.44	35.20	
JAB295	F	48.93	38.20				
JAB347	M	44.07	41.73	38.02	42.75	44.50	
JAB347	F	45.47	39.74	37.17	39.33		
JAB298	M	55.54					
JAB298	F	53.13	55.55	52.40	53.57		
JAB299b							
JAB348	M	36.33	34.79	31.56	35.57	30.29	
JAB348	F	32.35	36.85	38.72	25.52	32.20	
JAB277b							
JAB293	M	63.94	62.86	63.42			
JAB293	F	64.68	61.79				
JAB037	M	50.90	43.04	48.71	48.23	48.50	
JAB037	F	46.67	49.75	44.77	45.47	40.37	
JAB349	M	49.03	50.13	56.59	51.18		
JAB349	F	56.79	45.08	47.90	46.69	38.79	
JAB278	M	51.81	54.67	50.10	57.54	56.45	
JAB278	F	45.72	50.10	40.99	51.29	56.10	
JAB300b							
JAB034b							
JAB105	M	49.42	51.56	49.95	44.58	47.42	
JAB105	F	47.86	41.86	43.28	48.36	44.65	
JAB289b							

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)				
GROUP 2 - 50 MG/KG CONT.						
JAB297	M	54.22	42.44	53.20	59.09	53.12
JAB297	F	48.97	43.99	48.34	53.10	59.40
JAB106	M	49.37	47.42	49.25	45.35	49.06
JAB106	F	45.37	45.22	44.44	45.30	44.36
JAB281	M	66.87	71.49	69.92		
JAB281	F	69.78	65.60			
JAB290	M	52.29	47.29	48.50	50.93	49.42
JAB290	F	43.06	49.47	48.84	45.86	28.54

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)				
GROUP 3 - 160 MG/KG						
JAB302	M	54.04	54.50	35.01	58.42	55.82
JAB302	F	50.42	50.15	53.44	49.50	44.39
JAB038	M	44.66	46.14	30.30	49.70	29.32
JAB038	F	34.80	36.30	31.67		
JAB110	M	44.10	48.30	39.56	51.59	41.24
JAB110	F	40.50	45.23	39.30	50.30	42.78
JAB305	M	43.71	46.90	42.93	43.56	45.38
JAB305	F	44.28	42.80	45.41	43.96	40.17
JAB113	M	52.30	52.25	46.06	42.52	49.58
JAB113	F	47.22	46.18	43.39	48.36	42.59
JAB116	M	54.06	53.73	54.60	45.38	55.67
JAB116	F	47.39	40.71	42.57	51.83	47.64
JAB308b						
JAB311	M	43.92	38.90	43.82	42.69	43.96
JAB311	F	41.90	43.79	35.61	40.70	41.49
JAB118b						
JAB314b						
JAB121	M	51.53	49.20	51.78	51.07	54.76
JAB121	F	53.00	49.80	47.05	42.35	
JAB124b						
JAB316a						
JAB127b						
JAB130b						
JAB319	M	45.56	48.12	46.43	45.83	47.07
JAB319	F	42.59	41.63	39.49	40.32	44.92
JAB322	M	43.81	44.91	42.29	42.06	
JAB322	F	47.13	42.60	42.63	40.13	43.25
JAB320	M	50.41				
JAB320	F	54.25	53.92			
JAB114b						
JAB306	M	52.29	46.67	49.07	46.77	49.53
JAB306	F	45.23	42.45	44.57	50.52	45.13
JAB313	M	47.69	52.35	50.40	51.23	49.23
JAB313	F	50.37	42.55	49.77	45.76	40.73
JAB323	M	48.29	50.96	50.04	49.48	
JAB323	F	47.39	46.46	47.42	45.51	44.67
JAB310	M	53.27	48.35	52.59	54.65	29.23
JAB310	F	51.27	47.76	52.20	43.71	47.25
JAB117	M	46.06	48.12	53.04	52.78	44.03
JAB117	F	47.64	47.73	49.72	49.34	
JAB040	M	48.07	44.31	42.87	50.94	
JAB040	F	39.81	40.34	44.68	51.85	43.11

APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)				
GROUP 3 - 160 MG/KG CONT.						
JAB309	M	49.29	49.36	50.14	46.95	47.55
JAB309	F	48.79	47.33	46.91	47.55	46.59
JAB039	M	42.47	46.24	38.47	36.12	36.48
JAB039	F	4[illegible]69	38.32	36.33	39.10	45.52
JAB317	M	59.07	61.46	57.10	60.70	56.00
JAB317	F	59.14	62.19	56.77	58.69	54.18
JAB120b						
JAB112	M	48.58	56.49			
JAB112	F	47.41	54.51	59.58	55.67	53.37

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APPENDIX AN - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2A CONT.

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
JAB325	M	24.01 23.07
JAB325f		
JAB133b		
JAB327c		
JAB041c		
JAB331b		
JAB135	M	41.36
JAB135	F	41.62 39.48 40.00 43.08 39.07 41.13
JAB136	M	46.15 39.44 36.27
JAB136	F	46.17
JAB334b		
JAB045	M	36.36 36.84 32.52 36.95 33.58
JAB045	F	34.64 31.61 31.94 29.48 22.88
JAB335b		
JAB050c		
JAB336c		
JAB339b		
JAB329	M	20.78 23.68 20.76 24.30
JAB329	F	22.97 19.00 24.85 23.68 24.65 23.03
JAB330c		
JAB343b		
JAB046	M	32.16 29.62 33.06 33.35 31.61
JAB046	F	33.46 33.49 32.92 31.22 29.11
JAB138b		
JAB043b		
JAB332b		
JAB337b		
JAB140b		
JAB328c		
JAB042b		
JAB047b		
JAB134c		
JAB048b		
JAB341c		
JAB333b		
JAB338b		

NOTES: a = Animal dead
b = Animal did not deliver
c = No pups remain
d = No female pups present
e = Not recorded due to technician oversight
f = No female pups remain
g = No male pups remain

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B
(GRAMS)

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG		
JAB245	M	5.50 5.48 6.53 6.04 6.15 5.93
JAB245	F	5.88 5.23 5.75 5.14 5.82 5.41 4.95 4.92 5.79
JAB248	M	7.20 7.36 6.15 6.48 7.02 5.83
JAB248	F	6.37 5.92 5.96 6.79 5.55 6.02 6.52 5.04
JAB026	M	6.73 7.00 6.79 6.93 5.72 6.26 6.64
JAB026	F	6.61 6.[illegible] 6.03 6.40 5.34 6.57 5.79 6.10 6.34
JAB251	M	8.09 8.[illegible] 7.60 8.20 7.63 8.39
JAB251	F	7.76 7.57 7.73 6.96 7.01 7.80
JAB095a		
JAB097	M	6.12 6.33 5.71 6.11 6.14 5.80 6.09
JAB097	F	5.80 6.05 5.55 5.71 6.09 5.58 5.80 5.93 5.26 4.89 5.32
JAB254	M	6.97 7.04
JAB254	F	6.93 6.37 4.93 5.25 6.46 6.50
JAB100	M	5.85 5.83 5.17 4.37 6.32 5.70 5.06 5.91 6.21 6.28
JAB100	F	5.80 5.87 5.34 5.46 5.61 5.87
JAB257	M	4.70 3.61 4.76 5.25 5.00 5.19 4.38
JAB257	F	4.96 4.49 4.86 4.12 4.93 3.74 3.28
JAB260	M	6.12 6.23 6.45 6.08 6.07 6.72 6.15
JAB260	F	5.98 6.27 6.05 5.75 6.07 6.84 5.90 6.10 6.27 5.65 6.11
JAB263a		
JAB266	M	6.57 7.36 6.50 6.57
JAB266	F	5.24 5.67 4.86 6.24 5.95 6.47 5.46
JAB269	M	6.60 6.33 6.49 7.35 7.10 7.11 6.40
JAB269	F	6.28 6.40 6.63 6.07 5.75 5.83 6.33
JAB101	M	7.26 6.77 6.67 6.15 6.82 5.96 6.64 5.99 7.50 6.73
JAB101	F	5.35 6.38 5.62 5.81 5.78
JAB270	M	5.53 6.60 6.08 6.07 6.00 6.23 5.22 6.07
JAB270	F	6.28 5.99 5.95 6.25 5.00 5.77 6.09 5.77 5.06 5.81 5.58 6.32
JAB273	M	7.51 7.14 6.93 7.17 6.98 7.26 6.76
JAB273	Fg	6.61 7.39 6.45 6.81 6.83 6.57 7.02 7.10 6.29 6.35 5.01
JAB252	M	8.18 8.05 7.36 8.13 7.44 7.61
JAB252	F	6.46 6.03 7.39 6.12
JAB028	M	6.73 5.23 6.25 6.66 5.75
JAB028	F	5.10 5.50 5.36 5.97 5.81 6.30 5.24 5.66 4.15 5.28 5.52
JAB275	M	7.23 5.33 6.30 7.75 5.47 7.14
JAB275	F	6.13 6.65 4.42 7.78 6.94 5.15 6.33 6.96 6.26
JAB255	M	6.55 6.66 5.48 6.30 6.47 6.62 6.16
JAB255	F	6.39 6.68 5.95 5.55 6.02 5.75 6.49 5.49 5.43 6.17 4.40 6.17 6.02
JAB264	M	5.88 6.73 6.00
JAB264	F	5.71 5.91 5.84 5.89 6.80 6.10 5.73 5.66 6.24 5.90 6.09
JAB267a		
JAB262	M	6.92 6.88 7.95 7.86 7.99 7.59 7.66
JAB262	F	7.75 7.68 7.28 8.12 6.79 7.67 7.54 7.46

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B
(GRAMS)

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG CONT.		
JAB102	M	7.20 6.02 6.95 6.80 7.08 7.28 7.51 7.28 5.48 4.74
JAB102	F	7.08 5.87 7.00 6.45 4.62 5.65
JAB246a		
JAB256	M	6.44 6.15 5.90 6.37 6.60 5.44 6.69 6.65
JAB256	F	5.64 6.26 5.77 5.52 5.81 5.99
JAB098	M	6.87 7.76 8.02 7.49 7.53 6.82 7.21 7.18
JAB098	F	7.51 6.65
JAB249	M	6.07 5.82 6.22 5.36 6.25 5.83 5.93
JAB249	F	5.48 5.50 5.53 5.63 5.94 5.60 5.57 5.42 6.11
JAB253	M	5.17 5.49 5.64 5.28 5.62 5.40 5.40 5.62
JAB253	F	5.46 5.36 5.26 5.31 5.23 4.63 5.58 5.35 5.05
JAB271b		

NOTES:
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e = No female pups remain
f = No male pups remain
g = Includes 1 pup whose sex cannot be determined
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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
JAB029	M	6.89 6.64 6.18 6.77
JAB029	F	5.73 6.37 6.11 6.51 5.56 6.75 6.38 6.16 6.09 5.95 6.04
JAB032	M	6.13 6.82 5.79 5.67 6.08 5.97 6.58 5.95 6.36 6.26 5.39
JAB032	F	5.98 5.72 5.93 6.28
JAB276a		
JAB279	M	7.07 6.87 7.08 6.44 7.05
JAB279	F	7.11 6.59 5.63 6.82 6.50 5.53 5.28 6.73 6.49
JAB104	M	5.77 5.78 5.64 5.18 6.22 5.70
JAB104	F	5.74 5.21 6.26 5.68 4.89
JAB282a		
JAB285a		
JAB288	M	6.50 5.93 6.76 6.05 6.71 6.18 6.89
JAB288	F	6.92 6.00 6.24 5.14 6.80 5.76 5.64 5.85
JAB035	M	6.86 4.78 6.89 6.76 6.44 5.98 6.37 6.89 6.09 6.11 6.76
JAB035	F	6.06 5.87 5.97 6.15
JAB291a		
JAB107	M	8.56 8.54 8.16
JAB107	F	7.72 7.26 7.90
JAB292	M	7.43 7.56 6.81 7.19 7.13
JAB292	F	7.19 6.06 6.71 5.84 6.40 6.33
JAB295	M	7.23 7.07 7.40 8.03 8.17
JAB295	F	7.36 6.32
JAB347	M	7.77 7.68 7.31 6.99 7.58
JAB347	F	7.33 7.23 6.92 7.13 7.08 6.51 6.91 6.81 6.95 5.73
JAB298a		
JAB299a		
JAB348	M	7.13 6.09 6.65 6.45 6.76 6.62 6.95 7.53 6.88 6.52
JAB348	F	6.75 5.72 6.81 6.44 6.85 6.59 5.97 4.54 6.36
JAB277a		
JAB293	M	6.72 5.96 6.67 7.02 6.70 5.61 5.67 6.00 6.36 5.63 6.16
JAB293	F	6.20 5.51 6.24 6.67 6.16 5.73 5.68
JAB037	M	4.12 5.79 6.23 6.71 6.47 6.88 6.78 6.28 4.50
JAB037	F	5.91 5.57 5.39 5.80 5.63 5.87
JAB349	M	7.90 6.79 5.97 7.17 5.94 6.07 7.79 7.79 7.43 5.13
JAB349	F	7.41 6.42 5.50 7.04 6.92 5.65
JAB278	M	6.25 6.11 6.43 6.15 6.60 5.94 5.63
JAB278	F	6.24 5.82 5.83 5.46
JAB300a		
JAB034a		
JAB105	M	7.12 6.87 7.31 6.91 6.72 6.59 6.79 6.67 6.40 6.70 5.77 6.65 6.28
JAB105	F	5.10 6.04 5.91 6.39 6.52
JAB289	M	6.86 6.15 6.63 5.91
JAB289	F	6.26 6.03 5.56 5.31 5.19 5.80 6.27 5.53 5.64 5.35

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG CONT.		
JAB297	M	6.88 6.51 6.11 6.62 6.40 6.54 6.50 7.62 6.29
JAB297	F	6.35 7.06 6.60 6.21
JAB106	M	6.71 6.20 7.00 7.08 6.76 6.32 5.80 6.00 6.37 5.76 6.71
JAB106	F	6.79 5.65 5.92 6.26 5.84
JAB281a		
JAB290	M	7.35 6.76 6.81
JAB290	F	5.87 6.75 5.73 6.20 7.34 6.58 6.72 5.65 6.72 6.49

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG		
JAB302	M	6.29 6.18 6.08 6.04 6.08 5.82 6.12 6.45 6.64 5.85
JAB302	F	5.31 6.09 4.95 5.49 6.09 6.01 5.82 5.72 5.93
JAB038	M	6.74 6.54 6.89 6.06 7.02 6.25
JAB038	F	6.50 6.13 6.33 6.72 6.03 6.87 6.70
JAB110	M	5.62 6.32 6.34 6.03 6.68
JAB110	F	5.34 5.77 6.16 5.40 5.63 5.29 5.78 5.40 6.05 5.58
JAB305	M	6.02 6.80 6.20 5.90 5.64 6.06 5.70 6.59 5.67 6.33
JAB305	F	6.03 5.23 6.17 5.81 5.99
JAB113	M	7.30 7.66 7.42 5.51 7.17 6.55 6.54 7.42
JAB113	F	6.11 6.65 6.79 6.17 6.43 6.84 6.86 6.88
JAB116	M	9.49 8.53 8.00
JAB116	F	9.16 5.71
JAB308	M	7.69 8.34 8.47
JAB308	F	7.84 7.53 7.41
JAB311	M	5.73 5.90 6.01 5.85 5.48 4.86 6.17 6.22 6.55 5.78 5.67 6.49
JAB311	F	5.37 4.84 5.02 4.43 5.20
JAB118a		
JAB314a		
JAB121	M	6.23 6.35 6.81 6.03 6.49 7.14
JAB121	F	5.65 5.70 6.11 5.50 6.73 6.79 5.98
JAB124a		
JAB316b		
JAB127	M	7.36 7.07 6.73 7.19
JAB127	F	6.13 6.53 5.94 5.97 6.62 6.56 6.72 6.78 6.20
JAB130	M	6.10 5.50 6.22 6.41 6.30 6.18 5.90
JAB130	F	6.43 5.82 6.10 6.15 5.84 6.35 5.59 6.11 6.08 5.46
JAB319	M	6.32 6.30 6.14 6.45 6.07 6.43 6.04 6.64 6.01 5.76 5.99
JAB319	F	5.60 5.53 5.93 5.23 4.95 5.44 5.53
JAB322a		
JAB320	M	5.95 6.30 6.05 5.60 6.32 6.02 6.10 6.12 5.95 6.06 6.12 6.44 5.92
JAB320	F	6.31 5.24 5.34 5.82
JAB114a		
JAB306a		
JAB313	M	6.70 7.60 6.21 6.85 6.64 6.75 6.64
JAB313	F	6.97 6.83 6.27 6.69
JAB323a		
JAB310a		
JAB117a		
JAB040	M	6.24 5.96 6.40 6.23 6.25 6.33 6.82 5.68 6.42
JAB040	F	5.71 5.70 6.37 5.72 5.57 5.55 5.40 6.33

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG CONT.		
JAB309	M	6.02 6.59 5.58 5.84 5.56 6.68 5.94 6.27
JAB309	F	5.73 5.80 5.85 5.82 5.72 5.53 5.80
JAB039	M	5.39 5.46 5.77 5.74 6.12 6.23 5.95 5.60 5.44
JAB039	F	5.48 5.51
JAB317a		
JAB120a		
JAB112	M	6.81 6.61 6.92 6.96 6.72 6.97 6.82 7.23
JAB112	F	6.40 6.57 6.55 6.72 6.41 7.20 6.53 6.48 6.51 5.94

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 0 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
JAB325a		
JAB133c		
JAB327	M	4.72 4.31 4.02 4.56 4.23 4.62
JAB327	F	4.34 4.77 4.59 4.83 5.09 4.15 4.84 4.57
JAB041a		
JAB331a		
JAB135a		
JAB136a		
JAB334a		
JAB045	M	5.51 5.31 5.44 5.30 5.73 5.60 5.57 5.69
JAB045	F	5.07 5.36 4.71 4.93 5.30 5.86 4.89
JAB335a		
JAB050a		
JAB336	M	6.27 6.38
JAB336	F	5.86 6.26
JAB339	M	4.91
JAB339d		
JAB329	M	4.52 4.83 4.34 4.70 5.31 4.57
JAB329	F	4.90 4.40 4.05 4.47 4.53 4.67 4.84
JAB330	M	4.97 5.41 5.53 5.75 4.92
JAB330	F	5.09 4.48 4.71 4.35 4.63
JAB343a		
JAB046a		
JAB138a		
JAB043a		
JAB332a		
JAB337	M	5.47 5.34 5.34 5.39
JAB337	F	4.66 4.84 4.79 5.10
JAB140a		
JAB328	M	5.02 5.10 4.65 4.95 4.86 4.78 4.44 5.33
JAB328	F	4.16 4.67 4.82 4.96 4.62
JAB042a		
JAB047a		
JAB134	M	4.33 4.20 4.78
JAB134d		
JAB048a		
JAB341a		
JAB333a		
JAB338a		

NOTES:
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d = No female pups present
e = No female pups remain
f = No male pups remain
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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG		
JAB245	M	5.24 5.96
JAB245	F	4.36 5.23 4.79 4.74
JAB248	M	8.04 6.73 8.03 7.36 6.98 7.51
JAB248	F	5.46 7.48 6.73 6.90 5.96 6.82 6.89 7.35
JAB026	M	6.99 6.09 6.93 6.02 7.06 6.76 7.06 6.59
JAB026	F	6.55 5.66 6.84 6.82 6.41 6.82 6.07 6.53
JAB251	M	8.93 8.46 7.92 8.82 8.09 8.57
JAB251	F	7.59 8.15 7.34 8.23 7.92 8.10
JAB095a		
JAB097	M	6.48 6.60 6.73 6.59 6.42 6.29 6.18
JAB097	F	5.63 5.34 5.20 5.68 5.50 4.77 5.79 5.66 4.99 5.37 5.60
JAB254	M	6.40 6.52
JAB254	F	6.58 6.38 6.55 7.01 5.30 4.54
JAB100	M	5.97 5.78 6.51 5.90 4.92 5.90 5.39 5.22 5.00 6.29
JAB100	F	5.70 5.79 5.84 5.29 5.43 5.47
JAB257	M	3.78 4.93 4.27 4.98
JAB257	F	4.77 4.75 5.04 3.83
JAB260	M	6.59 6.80 6.59 6.42 7.33 6.41
JAB260	F	7.52 6.69 6.91 6.69 6.32 6.92 6.67 6.69
JAB263a		
JAB266	M	7.45 9.03 7.86 7.46
JAB266	F	6.40 7.76 6.70 5.96 6.19 7.56 7.06
JAB269	M	7.31 6.79 6.59 7.02 6.37 5.84 6.23
JAB269	F	6.43 6.84 6.97 6.04 6.78 6.49 6.47
JAB101	M	6.10 7.64 7.70 6.43 6.79 6.05 6.73 6.87 6.97 7.11
JAB101	F	7.63 5.91 6.76 6.46 5.23
JAB270	M	6.41 6.20 6.39 7.05 6.42 6.86 5.58 5.42
JAB270	F	6.28 6.45 6.40 6.23 5.93 5.37 6.16 6.00 6.18 6.80 4.88 6.66
JAB273	M	7.80 8.03 8.16 8.21 7.53 8.18 8.06
JAB273	F	7.18 7.73 7.26 7.81 7.94 8.06 7.46 7.38 7.04 7.41
JAB252	M	7.46 8.01 8.37 8.56 8.04 7.77
JAB252	F	6.77 6.30 6.98 6.39
JAB028	M	6.77 5.70 7.11 6.98 5.83
JAB028	F	5.82 6.79 5.71 5.56 5.37 5.66 5.46 3.90 6.22 6.12 5.87
JAB275	M	7.99 8.08 8.01 5.64 5.74 6.59
JAB275	F	7.40 6.80 6.27 7.20 5.16 8.11 6.57 6.73 4.35
JAB255	M	6.39 5.58 6.60 6.37 6.59 6.04 4.42
JAB255	F	5.51 5.61 5.07 5.77 6.01 4.22 6.76 6.48 6.03 6.20 6.99 6.21 5.91
JAB264	M	5.75 7.22 6.46
JAB264	F	6.17 6.12 6.54 6.15 6.87 5.73 6.01 5.70 6.07 5.85 6.15
JAB267a		
JAB262	M	7.63 8.20 8.29 8.59 8.13 7.87 6.75
JAB262	F	7.93 8.40 8.81 8.34 7.98 7.24 8.48 7.80

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG CONT.		
JAB102	M	8.27 7.78 7.64 6.48 7.14 8.13 7.60 7.73 5.12 5.50
JAB102	F	5.96 7.50 6.83 5.60 7.46
JAB246a		
JAB256	M	5.82 6.63 6.55 6.89 6.75 7.16 6.87 6.65
JAB256	F	6.45 6.10 6.33 6.21 6.20 6.00
JAB098	M	7.82 7.67 7.74 7.03 7.18 7.11 6.94 7.63
JAB098	F	7.43 6.71
JAB249	M	6.56 6.39 6.37 6.45 6.31 6.86 5.73
JAB249	F	6.00 6.06 6.22 6.75 6.71 6.00 5.97 6.09 5.86
JAB253	M	5.70 5.03 6.47 5.31 5.33 5.52 5.25
JAB253	F	5.08 4.00 4.75 5.16 5.19 4.98 5.22 5.32 5.33
JAB271b		

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.T.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
JAB029	M	7.21 6.99 6.64 7.10
JAB029	F	6.10 6.43 6.52 6.45 5.47 6.65 6.71 6.14 6.69 6.58 6.01
JAB032	M	7.34 6.44 6.54 6.49 6.36 6.91 6.71 7.32 6.15 6.37 5.68
JAB032	F	6.03 6.89 5.82 6.73
JAB276a		
JAB279	M	7.26 6.78 7.70 7.40 7.86
JAB279	F	7.02 6.72 6.81 7.47 7.05 5.77 6.03 7.40 5.98
JAB104	M	5.95 6.58 6.01 5.90 5.62 6.00
JAB104	F	5.12 5.23 5.21 5.45 4.65
JAB282a		
JAB285a		
JAB288	M	6.82 7.19 7.09 6.59 7.19 7.57 6.41
JAB288	F	6.32 6.09 6.08 6.73 7.09 5.71 6.63 7.60
JAB035	M	6.62 7.52 7.47 7.38 6.45 6.44 6.95 5.19 6.98 6.53 7.42
JAB035	F	6.24 6.37 6.54 6.24
JAB291a		
JAB107	M	8.62 8.12 8.33
JAB107	F	8.04 7.80 7.34
JAB292h		
JAB295	M	7.43 7.26 8.24 8.00 7.23
JAB295	F	6.35 7.63
JAB347	M	7.95 7.59 7.91 8.17 7.41
JAB347	F	7.41 7.51 6.97 5.62 7.49 7.44 7.84 7.56 7.70 7.53
JAB298a		
JAB299a		
JAB348	M	7.33 7.43 7.13 7.92 6.72 7.85 7.29 7.68 6.96 7.32
JAB348	F	4.64 7.47 7.39 6.52 7.04 7.39 7.24 6.32 7.39
JAB277a		
JAB293	M	7.27 6.94 7.64 7.18 7.20 7.76 7.05 7.35 7.13 7.57 7.55
JAB293	F	8.29 7.29 7.05 7.55 6.83 7.19 4.89
JAB037	M	4.20 6.30 6.73 6.55 6.26 7.63 7.10 6.91
JAB037	F	6.30 6.09 5.68 6.18 6.01 6.06
JAB349	M	7.86 7.09 6.22 6.28 8.63 8.30 8.09 6.77 8.02 5.29
JAB349	F	7.09 5.94 5.87 7.89 7.55 7.91
JAB278	M	7.53 6.40 7.25 7.01 6.65 6.89 6.95 7.38
JAB278	F	6.24 7.00
JAB300a		
JAB034a		
JAB105	M	7.86 7.28 6.53 6.64 6.94 6.93 6.87 6.69 7.40 6.87 6.79 5.78
JAB105	F	6.61 5.88 6.51 6.73 6.18
JAB289	M	6.34 5.62 5.95 6.68
JAB289	F	5.35 5.06 5.78 5.30 5.44 5.95

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG CONT.		
JAB297	M	7.10 8.27 6.85 7.60 7.21 7.58 6.82 6.86 6.88
JAB297	F	6.76 7.16 7.74 7.06
JAB106	M	6.39 7.05 6.94 6.99 6.05 6.53 7.06 7.02 7.29 6.29 6.58
JAB106	F	6.38 6.97 6.78 6.11 5.75
JAB281a		
JAB290	M	7.23 7.26 7.60 7.29
JAB290	F	7.28 6.97 7.53 5.80 7.21 6.82 7.24 6.31

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d = No female pups present
e = No female pups remain
f = No male pups remain
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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG		
JAB302	M	5.63 5.91 6.04 6.64 6.41 6.17 6.07 5.26 6.13 6.40
JAB302	F	5.35 6.01 5.90 5.40 4.55 6.24 5.24 5.85 5.80
JAB038	M	6.22 7.20 6.64 6.97 7.38 6.32
JAB038	F	6.92 6.35 6.58 6.89 6.18 6.38 6.61
JAB110	M	6.27 6.08 7.00 6.69 6.58
JAB110	F	5.45 5.59 6.80 6.12 6.17 6.09 6.65 6.03 5.85
JAB305	M	6.91 6.55 6.57 6.32 6.47 6.00 6.30 6.02 6.33 7.07
JAB305	F	5.70 6.41 6.37 6.08 6.57
JAB113	M	7.32 5.65 7.75 7.51 8.25 7.68 6.61 6.93
JAB113	F	7.30 7.41 7.05 6.87 7.28 6.43 6.52 7.19
JAB116	M	9.02 10.18 8.07
JAB116	F	9.34 5.73
JAB308	M	8.61 8.84
JAB308	F	8.00 7.90 7.95
JAB311	M	6.53 5.92 6.13 6.46 5.91 5.62 5.00 6.49 6.36 6.05 7.01 5.88
JAB311	F	5.28 5.23 5.45 5.54
JAB118a		
JAB314a		
JAB121	M	7.15 7.27 7.71 7.5. 6.79
JAB121	F	6.17 6.90 6.98 6.31 7.57 7.50 6.33
JAB124a		
JAB316b		
JAB127	M	7.82 7.37 7.92 8.08
JAB127	F	7.45 6.99 7.17 6.60 7.36 6.88 7.37 7.32 6.69
JAB130	M	6.06 6.22 6.23 6.77 6.77 6.29
JAB130	F	6.35 5.83 6.22 6.40 5.55 6.95 6.65 5.37 5.71 6.17
JAB319	M	6.55 6.25 6.12 6.43 6.45 6.38 6.29 6.85 5.58 6.10 6.67
JAB319	F	5.57 4.67 5.31 5.57 5.68 5.78 5.70
JAB322a		
JAB320	M	6.50 6.72 6.63 6.49 5.84 6.47 6.60 6.87 6.36 6.14 6.90 6.50 6.81
JAB320	F	6.84 6.43 5.87 5.96
JAB114a		
JAB306a		
JAB313	M	7.72 7.98 8.13 7.31 7.91 7.60 7.88
JAB313	F	7.73 7.66 7.96 7.32
JAB323a		
JAB310a		
JAB117a		
JAB040	M	6.09 7.47 6.87 6.65 6.80 7.23 6.44 6.69 6.41
JAB040	F	5.91 5.85 6.05 6.15 5.86 6.86 6.75 5.91

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)							
GROUP 3 - 160 MG/KG CONT.									
JAB309	M	5.74	6.52	6.17	5.96	6.33	6.79	6.93	6.42
JAB309	F	6.18	6.13	6.25	6.14	6.00	6.14	6.07	
JAB039	M	5.79	6.17	6.42	6.43	6.68	6.05	5.88	5.91 6.37
JAB039	F	5.81	6.11						
JAB317a									
JAB120a									
JAB112	M	6.18	6.75	7.11	6.73	7.26	6.83	6.47	7.32
JAB112	F	6.79	7.00	5.77	6.79	6.84	7.08	7.25	6.80 6.64 7.09

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 1 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
JAB325a		
JAB133c		
JAB327f		
JAB327	F	3.77
JAB041a		
JAB331a		
JAB135a		
JAB136a		
JAB334a		
JAB045	M	5.42 5.71 5.49 5.29 5.46 5.32 5.47 5.66
JAB045	F	4.94 4.74 4.51 5.04 5.78 5.30 5.32
JAB335a		
JAB050a		
JAB336	M	5.63
JAB336	F	5.26 4.95
JAB339c		
JAB329	M	4.10 4.34 4.45 4.12 4.86
JAB329	F	4.16 4.42 4.49 4.25 4.17
JAB330	M	4.95
JAB330	F	4.66
JAB343a		
JAB046a		
JAB138a		
JAB043a		
JAB332a		
JAB337c		
JAB140a		
JAB328	M	4.56
JAB328e		
JAB042a		
JAB047a		
JAB134c		
JAB048a		
JAB341a		
JAB333a		
JAB338a		

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG		
JAB245c		
JAB248	M	10.99 9.94 9.21 9.91 9.22 9.84
JAB248	F	8.96 9.00 9.71 8.74 8.30 7.96 6.73 9.24
JAB026	M	9.30 9.41 7.81 9.06 9.09 9.27 8.37 6.09
JAB026	F	7.93 8.09 8.93 9.22 8.00 6.82 8.84 8.78
JAB251	M	12.66 13.92 11.24 13.47 12.45 12.97
JAB251	F	12.00 12.48 11.68 12.63 10.91 12.07
JAB095a		
JAB097	M	7.61 7.56 7.39 7.71 7.05 8.31 8.34
JAB097	F	6.94 7.78 7.72 6.68 7.10 6.74 6.71 7.44 7.46 7.33 8.13
JAB254	M	9.91 8.36
JAB254	F	9.46 7.80 5.88 8.90 8.33 4.30
JAB100	M	7.25 6.83 6.89 6.32 7.72 7.70 6.11 6.94 6.34 5.45
JAB100	F	6.01 5.93 6.78 7.01 6.25 7.28
JAB257	M	7.37 7.74 5.63
JAB257	F	8.21 6.92 7.19
JAB260	M	10.50 8.72 9.03 8.20 10.06 9.90
JAB260	F	9.88 10.86 9.04 10.02 9.47 8.79 10.39 9.74
JAB263a		
JAB266	M	12.61 11.73 10.43 11.37
JAB266	F	9.99 9.93 8.51 12.05 9.81 11.53 9.06
JAB269	M	8.06 9.25 9.79 8.49 5.98 7.32 7.21
JAB269	F	7.53 7.35 7.41 8.10 7.96 8.65 7.41
JAB101	M	8.49 9.13 12.05 9.64 9.68 9.98 11.26 10.14 9.30 8.70
JAB101	F	8.03 9.63 8.60 11.81 6.72
JAB270	M	8.85 7.08 7.11 9.93 8.92 9.07 9.35 8.68
JAB270	F	8.53 8.92 8.97 8.22 9.27 8.36 6.85 9.35 9.11 8.67 6.61 8.99
JAB273	M	10.33 11.20 11.43 11.04 12.01 11.37 11.28
JAB273	F	11.52 10.98 10.53 10.24 11.43 11.23 10.94 10.14 10.16
JAB252	M	10.06 9.16 9.74 9.30 8.94 8.95
JAB252	F	7.80 7.85 8.84 8.00
JAB028	M	8.37 10.44 9.59 9.34 7.05
JAB028	F	7.33 7.87 8.69 8.72 9.12 7.86 7.09 7.50 6.84
JAB275	M	6.91 9.68 9.83 10.35 6.61 8.60
JAB275	F	8.46 10.24 9.55 7.45 8.10 9.49 8.65 6.08
JAB255	M	7.76 7.48 6.71 6.57 6.86 6.92
JAB255	F	7.04 7.65 7.15 5.99 7.01 7.00 6.45 7.19 4.65 7.47 7.12 6.05 6.92
JAB264	M	9.69 8.94 8.29
JAB264	F	8.38 8.37 7.81 8.00 8.19 8.54 8.67 9.20 8.77 8.30 7.93
JAB267a		
JAB262	M	12.05 10.08 12.78 11.36 11.32 11.26
JAB262	F	10.99 10.76 12.03 11.92 11.37 10.28 11.70

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG CONT.		
JAB102	M	10.85 7.32 11.09 11.78 9.45 7.74 10.40 11.16 10.46 11.39
JAB102	F	10.34 10.87 8.53 8.81 7.24
JAB246a		
JAB256	M	9.08 9.83 9.44 10.52 9.62 9.65 8.87 7.74
JAB256	F	9.26 8.43 8.31 8.38 9.17 7.97
JAB098	M	9.63 10.73 10.76 11.13 9.30 9.36 10.65
JAB098	F	9.31
JAB249	M	8.51 8.60 8.44 8.65 7.31 8.30 8.14
JAB249	F	8.04 7.29 7.88 8.26 8.61 8.30 7.86 8.24 8.33
JAB253	M	5.52 5.55 5.62 5.78 5.94 5.75
JAB253	F	4.85 5.34 5.83 5.20 6.01 5.34 5.72 6.04
JAB271b		

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
JAB029	M	9.16 8.50 9.85 9.88
JAB029	F	8.62 8.67 8.84 9.44 8.62 8.16 8.07 9.04 8.86 8.75 7.31
JAB032	M	10.21 9.97 8.83 8.90 9.33 7.89 8.58 10.26 8.82 8.78 9.30
JAB032	F	8.50 9.10 8.89 9.70
JAB276a		
JAB279	M	9.83 10.43 10.72 10.95 10.77
JAB279	F	9.62 10.12 9.03 8.25 10.24 8.95 8.44 7.52 7.99
JAB104	M	7.31 6.27 7.36 6.01 6.80 6.81
JAB104	F	5.72 6.68 5.59 6.06 6.13
JAB282a		
JAB285a		
JAB288	M	8.29 8.66 8.03 8.16 7.55 7.48 8.10
JAB288	F	6.19 6.71 8.30 7.49 6.23 7.82 6.60 6.89
JAB035	M	10.76 10.97 9.44 9.76 11.47 8.48 11.01 11.90 9.14 9.39 9.74
JAB035	F	9.69 9.36 9.56 9.10
JAB291a		
JAB107	M	11.57 11.73 11.34
JAB107	F	9.89 10.52 11.05
JAB292	M	12.37 11.24 12.43 12.12 13.36 11.85
JAB292	F	11.07 11.85 10.43 12.56 9.66
JAB295	M	10.93 12.39 10.41 10.95
JAB295	F	10.90 9.45
JAB347	M	11.06 10.95 11.07 11.48 10.86
JAB347	F	10.95 10.83 10.89 10.37 10.25 10.37 11.28 10.36 8.05 10.59
JAB298a		
JAB299a		
JAB348	M	10.79 9.33 9.30 9.81 9.33 9.50 9.75 8.50 9.62 10.13
JAB348	F	7.83 5.69 8.79 8.68 9.78 8.99 9.86 9.91 9.22
JAB277a		
JAB293	M	8.70 10.22 10.83 9.21 10.77 8.83 10.27 9.93 8.79 9.95 10.94
JAB293	F	10.29 9.81 9.61 10.22 10.80 9.75
JAB037	M	9.22 9.73 9.78 10.33 9.14 8.20 5.39
JAB037	F	8.81 9.27 8.66 8.03 9.35 9.01
JAB349	M	10.26 10.49 11.64 9.77 8.50 9.32 7.00 9.01 11.04 12.07
JAB349	F	9.80 11.83 8.75 7.81 10.48 10.25
JAB278	M	7.54 8.51 7.24 7.01 7.87 7.88 7.06 8.28
JAB278	F	7.37 6.69
JAB300a		
JAB034a		
JAB105	M	9.45 9.52 9.89 10.66 9.38 11.27 8.50 10.41 9.73 9.62 10.47 9.38
JAB105	F	9.78 8.95 8.37 9.02
JAB289	M	9.11 9.97 9.54 9.36
JAB289	F	8.25 9.97 7.46 8.20 9.36

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG CONT.		
JAB297	M	9.22 10.02 9.19 9.80 10.32 10.06 9.79 11.16 10.90
JAB297	F	10.14 10.31 9.80 10.08
JAB106	M	9.42 8.73 9.52 10.39 9.69 8.81 9.79 9.70 8.92 8.24 8.75
JAB106	F	9.29 8.18 8.84 8.72 8.18
JAB281a		
JAB290	M	10.38 10.39 10.63 10.62
JAB290	F	10.66 10.28 10.23 8.61 10.96 8.08 9.93 10.21

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QA AUDIT

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG		
JAB302	M	7.30 7.28 7.18 7.05 8.22 8.53 7.54 7.93 7.37 8.22
JAB302	F	7.13 7.45 8.32 6.88 6.98 7.33 7.01 7.97
JAB038	M	7.60 8.58 7.56 7.30 8.29 7.94
JAB038	F	7.83 7.45 6.37 7.12 6.91 7.36 8.04
JAB110	M	9.78 10.79 9.97 8.99 8.88
JAB110	F	8.80 10.00 9.33 8.51 9.37 8.42 9.59 7.99 7.95
JAB305	M	10.47 9.08 8.17 9.07 8.58 9.46 8.63 8.88 8.63 9.54
JAB305	F	8.48 9.59 8.18 7.55 8.43
JAB113	M	9.99 10.56 7.01 10.39 11.13 9.80 10.79 6.48
JAB113	F	10.52 9.61 10.39 10.22 9.63 10.55 9.10 10.39
JAB116	M	12.93 14.12 15.26
JAB116	F	8.06 13.69
JAB308	M	13.59 13.80
JAB308	F	12.56 12.93 11.42
JAB311	M	7.17 7.73 6.98 7.56 5.30 6.89 6.61 7.39 6.71 7.27 7.00 7.17
JAB311	F	5.54 5.97 6.17 7.00
JAB118a		
JAB314a		
JAB121	M	10.57 9.37 10.36 10.38 10.31
JAB121	F	9.56 7.70 10.53 9.00 8.46 9.84 10.23
JAB124a		
JAB316b		
JAB127	M	11.24 10.33 11.27 11.37
JAB127	F	9.85 9.42 10.18 10.14 10.21 9.52 10.21 10.22 9.90
JAB130	M	7.78 7.38 8.60 7.44 6.37 8.41
JAB130	F	7.19 7.40 8.20 7.89 7.58 8.16 8.08 6.74 7.79 8.23
JAB319	M	8.73 8.59 8.80 8.25 9.33 8.62 8.91 7.27 9.04 8.82 8.66
JAB319	F	7.50 6.11 7.19 7.86 7.28 7.05 7.97
JAB322a		
JAB320	M	9.85 9.84 9.91 9.15 8.73 9.27 8.96 8.72 9.35 10.86 9.38 9.07 9.20
JAB320	F	9.75 9.16 8.94 8.79
JAB114a		
JAB306a		
JAB313	M	12.96 12.60 11.78 12.04 12.09 12.70 12.50
JAB313	F	11.87 12.02 11.80 12.28
JAB323a		
JAB310a		
JAB117a		
JAB040	M	10.08 9.20 9.77 9.04 8.92 8.50 7.62 9.90 9.71
JAB040	F	3.14 8.28 8.18 9.55 8.45 8.05 9.36 7.96

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG CONT.		
JAB309	M	8.30 8.84 7.60 9.17 9.21 8.73 9.00 8.38
JAB309	F	8.54 9.05 8.55 8.88 8.42 8.66 8.38
JAB039	M	8.72 8.58 9.05 8.36 8.08 7.53 9.03 9.17 8.85
JAB039	F	8.43 8.00
JAB317a		
JAB120a		
JAB112	M	8.78 9.12 7.36 8.98 9.18 9.62 8.46 8.10
JAB112	F	9.10 9.45 8.62 8.70 9.05 9.17 7.03 8.49 9.07 8.49

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h = Not recorded due to technician oversight

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 4 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
JAB325a		
JAB133c		
JAB327c		
JAB041a		
JAB331a		
JAB135a		
JAB136a		
JAB334a		
JAB045	M	7.38 7.59 7.93 7.59 7.32 7.58 6.97
JAB045	F	5.51 7.87 6.60 6.92 5.96 7.85
JAB335a		
JAB050a		
JAB336c		
JAB339c		
JAB329c		
JAB330c		
JAB343a		
JAB046a		
JAB138a		
JAB043a		
JAB332a		
JAB337c		
JAB140a		
JAB328c		
JAB042a		
JAB047a		
JAB134c		
JAB048a		
JAB341a		
JAB333a		
JAB338a		

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b = Animal dead
c = No pups remain
d = No female pups present
e = No female pups remain
f = No male pups remain
g = Includes 1 pups whose sex cannot not be determined
h = Not recorded due to technician oversight

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG		
JAB245c		
JAB248	M	18.82 15.04 15.55 15.04 17.13
JAB248	F	15.07 14.86 14.46 10.18 13.11
JAB026	M	15.05 14.05 14.92 13.77 15.60
JAB026	F	14.51 14.29 13.05 12.46 14.35
JAB251	M	20.52 19.79 20.26 18.82 21.24
JAB251	F	19.25 19.05 19.58 19.55 17.64
JAB095a		
JAB097	M	10.90 12.48 11.30 9.13 11.86
JAB097	F	9.80 10.67 11.26 11.50 12.28
JAB254	M	14.96 11.61
JAB254	F	10.74 13.64 13.93 12.60
JAB100	M	8.09 10.41 9.66 8.99 9.71
JAB100	F	9.33 9.94 7.[illegible] [illegible]6 8.08
JAB257	M	9.14 13.[illegible]
JAB257	F	13.31 11.05
JAB260	M	16.70 13.[illegible] [illegible]6.41 13.62
JAB260	F	15.73 16.35 [illegible] 14.37 16.40
JAB263a		
JAB266	M	15.70 17.82 16.86 14.52
JAB266	F	17.55 14.27 14.13 16.54 13.64
JAB269	M	11.01 12.02 14.80 15.07 7.42
JAB269	F	13.22 12.32 13.28 11.90 9.61
JAB101	M	14.61 19.30 13.21 15.23 16.42
JAB101	F	17.98 12.61 12.16 9.42 14.55
JAB270	M	13.63 14.38 15.45 14.98 15.47
JAB270	F	14.99 11.80 14.53 13.81 13.56
JAB273	M	19.33 17.93 17.70 19.09 17.01
JAB273	F	16.51 17.83 15.80 17.11 19.28
JAB252	M	12.90 12.81 13.32 10.88 13.41 13.54
JAB252	F	10.09 10.87 11.63 10.74
JAB028	M	13.50 16.52 15.40 14.60 11.31
JAB028	F	14.03 11.22 15.29 12.45 11.45
JAB275	M	15.79 16.20 11.92 14.49 11.13
JAB275	F	15.44 17.25 15.76 14.59 16.17
JAB255	M	8.36 7.45 9.27 8.70 10.94
JAB255	F	9.48 9.00 8.35 8.71 8.17
JAB264	M	13.30 12.99 15.34
JAB264	F	13.36 13.18 14.89 12.88 13.61
JAB267a		
JAB262	M	19.36 21.33 [illegible].71 17.77 19.94
JAB262	F	18.98 19.50 [illegible].72 18.24 18.85

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG CONT.		
JAB102	M	17.46 16.81 16.87 18.97 16.04
JAB102	F	14.12 16.07 16.36 13.58 11.17
JAB246a		
JAB256	M	13.02 13.51 15.60 15.17 13.69
JAB256	F	11.59 13.42 10.11 12.40 12.50
JAB098	M	14.86 18.43 17.41 16.78 17.97 17.25 14.82
JAB098	F	15.05
JAB249	M	13.81 13.06 14.10 13.79 12.40
JAB249	F	12.30 13.42 14.57 12.05 13.38
JAB253	M	8.21 8.23 7.61 7.33 7.64
JAB253	F	8.03 8.65 7.25 7.34 6.36
JAB271b		

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)
GROUP 2 - 50 MG/KG		
JAB029	M	15.21 15.11 15.53 13.81
JAB029	F	14.17 13.70 11.82 13.44 13.47
JAB032	M	14.92 15.50 17.25 15.85 15.56
JAB032	F	16.79 15.00 16.15 16.18
JAB276a		
JAB279	M	13.74 13.27 14.37 13.88 15.57
JAB279	F	12.00 9.99 12.67 11.50 14.41
JAB104	M	8.37 10.99 9.48 7.93 10.10
JAB104	F	7.17 8.62 6.67 7.03 9.25
JAB282a		
JAB285a		
JAB288	M	13.52 12.88 12.41 11.70 12.22
JAB288	F	12.29 12.91 11.20 9.66 10.44
JAB035	M	16.95 15.15 14.38 17.10 15.23
JAB035	F	15.54 14.68 14.27 16.31
JAB291a		
JAB107	M	14.73 13.75 13.50
JAB107	F	12.93 12.02 13.09
JAB292	M	18.98 18.28 17.31 16.74 16.16
JAB292	F	16.66 14.53 16.81 17.98 13.07
JAB295	M	16.01 15.90 17.39 15.23
JAB295	F	15.97 13.07
JAB347	M	17.62 17.32 16.30 16.64 17.20
JAB347	F	16.95 16.14 15.99 16.31 16.03
JAB298a		
JAB299a		
JAB348	M	12.95 12.56 12.60 11.40 15.38
JAB348	F	11.76 11.95 12.17 12.30 10.78
JAB277a		
JAB293	M	18.94 20.01 18.15 18.13 16.76
JAB293	F	17.99 18.26 18.32 16.46 17.86
JAB037	M	13.79 16.40 8.26 15.82 10.98
JAB037	F	14.01 14.92 14.83 14.40 12.75
JAB349	M	15.05 15.67 20.06 12.04 18.48
JAB349	F	14.77 17.76 17.64 20.58 13.04
JAB278	M	10.27 7.89 10.16 10.25 12.06
JAB278	F	8.70 10.40
JAB300a		
JAB034a		
JAB105	M	17.79 14.90 16.94 16.83 15.95
JAB105	F	14.56 15.12 14.92 16.48
JAB289	M	15.46 16.31 15.41 15.15
JAB289	F	15.83 15.56 13.75 12.50 13.68

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)				
GROUP 2 - 50 MG/KG CONT.						
JAB297	M	13.94	15.46	17.27	16.69	15.66
JAB297	F	15.32	15.11	16.21	15.90	
JAB106	M	15.56	14.56	14.19	12.68	13.30
JAB106	F	13.81	14.42	14.78	12.83	13.45
JAB281a						
JAB290	M	15.71	16.00	17.29	17.26	
JAB290	F	15.63	16.68	17.08	17.40	12.27

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)
GROUP 3 - 160 MG/KG		
JAB302	M	13.40 11.57 12.33 11.56 12.99
JAB302	F	11.02 12.03 10.99 11.37 11.48
JAB038	M	11.76 13.66 12.00 10.04 13.36
JAB038	F	11.75 11.04 9.36 11.56 10.07
JAB110	M	17.04 15.64 14.73 14.81 15.35
JAB110	F	14.38 14.97 14.84 13.93 14.02
JAB305	M	13.41 13.28 15.05 14.00 14.04
JAB305	F	13.98 15.25 13.93 11.71 14.05
JAB113	M	17.29 17.48 16.99 11.26 15.03
JAB113	F	17.39 15.36 16.81 16.44 16.77
JAB116	M	18.02 19.76 17.09
JAB116	F	18.19 9.96
JAB308	M	19.28 19.59
JAB308	F	19.40 18.16 16.64
JAB311	M	8.75 9.23 8.74 9.46 7.84
JAB311	F	9.15 6.98 9.45 6.49
JAB118a		
JAB314a		
JAB121	M	14.85 16.24 17.01 16.44 16.32
JAB121	F	15.91 16.76 15.43 11.01 16.71
JAB124a		
JAB316b		
JAB127	M	18.61 16.97 18.06 19.12
JAB127	F	17.04 16.77 17.02 16.98 16.76
JAB130	M	8.00 9.73 9.65 11.70 9.69
JAB130	F	11.18 10.60 10.82 9.18 10.91
JAB319	M	13.83 14.04 13.56 14.03 13.61
JAB319	F	12.32 11.17 12.39 8.56 11.28
JAB322a		
JAB320	M	12.87 13.57 12.75 12.90 13.16
JAB320	F	12.18 12.65 12.45 13.37
JAB114a		
JAB306a		
JAB313	M	18.52 17.91 18.04 18.94 17.42
JAB313	F	18.02 17.67 17.63 17.63
JAB323a		
JAB310a		
JAB117a		
JAB040	M	19.71 15.80 17.68 16.91 19.24
JAB040	F	14.98 18.68 15.62 14.95 15.02

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)				
GROUP 3 - 160 MG/KG CONT.						
JAB309	M	14.28	14.13	14.83	13.54	13.63
JAB309	F	13.22	13.53	13.60	14.20	13.67
JAB039	M	12.22	11.83	11.44	10.89	10.02
JAB039	F	11.46	10.59			
JAB317a						
JAB120a						
JAB112	M	13.02	14.56	12.71	13.09	12.17
JAB112	F	12.43	10.29	12.28	13.04	

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 7 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
JAB325a		
JAB133c		
JAB327c		
JAB041a		
JAB331a		
JAB135a		
JAB136a		
JAB334a		
JAB045	M	10.05 10.17 9.30 8.69 9.91
JAB045	F	9.86 8.18 10.75 7.32 9.28
JAB335a		
JAB050a		
JAB336c		
JAB339c		
JAB329c		
JAB330c		
JAB343a		
JAB046a		
JAB138a		
JAB043a		
JAB332a		
JAB337c		
JAB140a		
JAB328c		
JAB042a		
JAB047a		
JAB134c		
JAB048a		
JAB341a		
JAB333a		
JAB338a		

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)					
GROUP 1 - 0 MG/KG							
JAB245c							
JAB248	M	28.34	34.41	29.89	31.97	34.00	
JAB248	F	30.27	23.00	32.59	29.68	23.58	
JAB026	M	32.22	26.61	31.06	27.57	29.83	
JAB026	F	29.75	29.37	28.69	26.39	24.22	
JAB251	M	36.34	34.41	38.03	38.69	37.71	
JAB251	F	35.89	35.38	34.32	34.51	32.69	
JAB095a							
JAB097	M	26.95	26.98	24.15	26.46		
JAB097	F	22.72	25.98	22.47	27.08	24.34	
JAB254	M	19.73	31.77				
JAB254	F	28.73	30.39	23.01	27.98		
JAB100	M	20.71	22.63	20.26	18.53	23.65	
JAB100	F	20.99	18.33	18.15	20.56	17.09	
JAB257	M	27.84	[illegible].76	23.22			
JAB257	F	28.99	26.04	28.83			
JAB260	M	29.53	32.47	27.13	28.81	33.84	
JAB260	F	31.76	31.67	32.75	30.79	34.25	
JAB263a							
JAB266	M	33.14	30.05	28.42	27.80		
JAB266	F	25.65	30.18	27.69	30.09	28.57	
JAB269	M	27.85	32.83	33.05	25.23		
JAB269	F	20.50	27.21	26.12	30.42	30.65	
JAB101	M	32.83	33.69	30.17	29.56	29.73	
JAB101	F	35.01	30.76	28.28	28.22	22.51	
JAB270	M	30.62	30.18	32.00	32.04	30.47	
JAB270	F	25.45	29.41	29.95	30.72	29.37	
JAB273	M	37.21	35.62	34.21	33.21	33.10	
JAB273	F	33.78	33.12	35.63	31.32	34.70	
JAB252	M	27.42	26.55	25.74	24.76	24.63	23.91
JAB252	F	26.97	22.11	20.25	16.29		
JAB028	M	27.11	30.[illegible]	28.02	24.91	23.60	
JAB028	F	24.25	26.59	25.77	21.27	22.13	
JAB275	M	25.08	33.36	25.09	29.93	33.80	
JAB275	F	34.13	29.43	31.29	33.32	31.84	
JAB255	M	23.79	18.42	20.92	19.44	18.43	
JAB255	F	17.31	17.63	16.23	18.25	18.48	
JAB264	M	30.04	26.77	27.01			
JAB264	F	26.93	30.65	26.55	27.19	25.17	
JAB267a							
JAB262	M	33.96	35.60	38.32	34.16	36.57	
JAB262	F	34.13	35.46	34.53	34.93	35.69	

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG CONT.		
JAB102	M	33.73 36.81 34.03 34.91 33.48
JAB102	F	32.52 34.07 29.65 27.30 29.85
JAB246a		
JAB256	M	30.51 29.26 29.32 28.12 27.71
JAB256	F	27.38 22.85 28.94 22.02 28.69
JAB098	M	34.22 31.23 33.03 33.09 31.54 32.49 30.07
JAB098	F	29.64
JAB249	M	24.75 25.78 25.88 21.48 20.78
JAB249	F	23.25 23.81 21.70 22.96 23.76
JAB253	M	21.44 20.12 20.29 22.76 17.91
JAB253	F	22.57 18.79 18.10 15.07 22.47
JAB271b		

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)				
GROUP 2 - 50 MG/KG						
JAB029	M	31.55	32.42	32.27	29.45	
JAB029	F	30.12	30.83	28.80	30.60	30.00
JAB032	M	29.12	30.86	28.70	28.80	29.07
JAB032	F	28.62	28.09	28.61	29.45	
JAB276a						
JAB279	M	28.52	24.97	30.55	29.48	25.45
JAB279	F	23.49	29.27	25.81	23.43	1[illegible].19
JAB104	M	18.01	23.86	26.53	24.42	26.60
JAB104	F	21.51	16.22	18.06	22.07	15.11
JAB282a						
JAB285a						
JAB288	M	28.95	28.35	27.33	31.05	28.91
JAB288	F	23.10	26.71	28.87	29.61	25.46
JAB035	M	27.23	28.21	27.40	29.62	28.50
JAB035	F	27.87	29.91	26.13	26.75	
JAB291a						
JAB107	M	27.07	27.95	28.27		
JAB107	F	26.29	24.66	26.69		
JAB292	M	34.74	33.68	35.53	35.49	33.88
JAB292	F	29.39	31.88	36.26	34.86	28.44
JAB295	M	33.12	32.37	33.63	34.22	
JAB295	F	31.40	29.91			
JAB347	M	31.43	30.57	33.65	33.53	31.95
JAB347	F	30.16	31.11	31.22	31.80	29.74
JAB298a						
JAB299a						
JAB348	M	30.74	27.23	26.19	28.65	27.13
JAB348	F	27.70	26.68	27.96	24.14	26.42
JAB277a						
JAB293	M	38.36	36.30	36.10	39.12	38.89
JAB293	F	38.27	37.85	39.16	36.44	34.40
JAB037	M	31.64	33.13	30.15	25.32	20.53
JAB037	F	31.37	31.83	30.06	30.55	26.49
JAB349	M	32.71	28.75	36.24	38.75	30.59
JAB349	F	36.10	31.24	39.19	37.64	27.81
JAB278	M	24.87	24.63	29.93	24.83	13.96
JAB278	F	22.18	20.98			
JAB300a						
JAB034a						
JAB105	M	32.67	34.31	35.06	33.32	31.98
JAB105	F	31.95	30.65	31.60	30.49	
JAB289	M	28.63	28.24	27.37	28.63	
JAB289	F	28.31	23.73	24.72	28.34	26.49

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)				
GROUP 2 - 50 MG/KG CONT.						
JAB297	M	31.14	34.06	33.92	29.43	28.55
JAB297	F	30.57	29.62	30.18	29.95	
JAB106	M	28.63	29.09	28.09	34.10	29.85
JAB106	F	28.98	29.63	31.85	27.60	30.55
JAB281a						
JAB290	M	34.10	33.15	31.16	30.84	
JAB290	F	31.02	32.33	32.78	30.86	25.49

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)				
GROUP 3 - 160 MG/KG						
JAB302	M	28.01	28.31	29.37	29.09	30.00
JAB302	F	22.03	27.45	26.40	29.03	28.62
JAB038	M	27.40	28.21	23.49	26.18	29.85
JAB038	F	26.69	26.97	26.86	20.45	21.87
JAB110	M	28.18	28.74	28.63	31.47	28.22
JAB110	F	26.25	29.46	26.93	26.42	27.66
JAB305	M	28.64	27.88	30.09	28.32	27.23
JAB305	F	25.87	26.78	27.88	27.68	29.68
JAB113	M	33.39	33.96	33.17	29.11	25.40
JAB113	F	31.87	31.53	34.96	31.10	32.16
JAB116	M	34.43	32.92	33.25		
JAB116	F	34.47	21.66			
JAB308	M	40.17	38.33			
JAB308	F	33.93	38.13	35.52		
JAB311	M	18.88	19.52	18.46	18.57	18.26
JAB311	F	15.23	19.69	13.65	21.34	
JAB118a						
JAB314a						
JAB121	M	29.64	30.25	31.40	28.63	31.35
JAB121	F	30.33	28.13	21.99	30.26	30.07
JAB124a						
JAB316b						
JAB127	M	36.38	33.95	35.52	33.48	
JAB127	F	31.69	31.57	32.85	32.84	32.75
JAB130	M	21.17	19.80	20.64	21.31	16.06
JAB130	F	22.62	20.01	20.53	21.03	22.23
JAB319	M	30.78	29.44	31.63	28.81	30.84
JAB319	F	28.88	27.45	27.99	26.97	21.45
JAB322a						
JAB320	M	28.13	27.45	29.00	27.91	28.21
JAB320	F	25.99	26.28	27.25	26.07	
JAB114a						
JAB306a						
JAB313	M	30.97	32.52	31.94	33.66	31.59
JAB313	F	32.09	30.41	31.63	31.11	
JAB323a						
JAB310a						
JAB117a						
JAB040	M	32.88	32.62	31.22	36.21	33.72
JAB040	F	30.23	29.64	30.60	29.34	33.56

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)				
GROUP 3 - 160 MG/KG CONT.						
JAB309	M	31.23	32.21	31.34	30.74	30.92
JAB309	F	30.54	29.71	29.98	30.63	29.18
JAB039	M	26.50	25.71	25.72	27.15	24.15
JAB039	F	26.06	24.09			
JAB317a						
JAB120a						
JAB112	M	33.08	30.39	33.34	31.68	30.99
JAB112	F	31.32	32.10	32.51	30.46	

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 14 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
JAB325a		
JAB133c		
JAB327c		
JAB041a		
JAB331a		
JAB135a		
JAB136a		
JAB334a		
JAB045	M	18.74 21.15 22.64 21.60 20.35
JAB045	F	20.76 18.50 22.03 20.19 17.48
JAB335a		
JAB050a		
JAB336c		
JAB339c		
JAB329c		
JAB330c		
JAB343a		
JAB046a		
JAB138a		
JAB043a		
JAB332a		
JAB337c		
JAB140a		
JAB328c		
JAB042a		
JAB047a		
JAB134c		
JAB048a		
JAB341a		
JAB333a		
JAB338a		

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)					
GROUP 1 - 0 MG/KG							
JAB245c							
JAB248	M	49.70	47.51	54.56	46.19	54.02	
JAB248	F	43.12	35.91	51.59	48.79	38.59	
JAB026	M	43.01	46.63	48.56	40.00	41.93	
JAB026	F	44.82	41.36	43.05	38.83	35.33	
JAB251	M	58.17	59.62	65.10	63.15	56.02	
JAB251	F	59.97	55.85	53.05	58.14	59.64	
JAB095a							
JAB097	M	42.68	41.59	38.01	42.61		
JAB097	F	36.92	41.90	40.82	37.14	34.95	
JAB254	M	27.35	55.18				
JAB254	F	50.44	49.45	34.78	47.59		
JAB100	M	33.47	32.95	31.03	34.29	38.97	
JAB100	F	36.11	31.83	29.01	35.75	28.32	
JAB[illegible]	M	44.17	37.21	42.78			
JAB[illegible]	F	41.49	45.72	40.78			
JAB[illegible]	M	50.69	49.18	46.56	44.97	41.02	
JAB[illegible]0	F	47.82	49.86	50.00	47.65	46.13	
JAB263a							
JAB266	M	45.82	50.65	56.31	47.23		
JAB266	F	39.16	50.34	43.99	45.82	49.41	
JAB269	M	51.60	42.36	39.43	47.81		
JAB269	F	43.45	39.46	30.44	46.58	37.88	
JAB101	M	57.96	62.68	50.22	48.87	47.43	
JAB101	F	49.37	49.40	42.89	34.19	44.70	
JAB270	M	46.53	49.79	48.07	48.73	48.50	
JAB270	F	47.98	46.70	39.37	43.82	47.45	
JAB273	M	52.18	51.71	49.89	55.35	51.62	
JAB273	F	54.12	53.65	50.4[illegible]	47.42	54.77	
JAB252	M	41.79	42.79	40.36	41.72	38.84	39.06
JAB252	F	35.31	33.53	28.36	38.49		
JAB028	M	40.36	41.87	35.02	46.82	46.51	
JAB028	F	38.50	42.66	38.42	33.35	34.48	
JAB275	M	37.52	52.45	52.56	44.34	36.20	
JAB275	F	47.53	45.70	44.20	43.07	48.97	
JAB255	M	30.07	40.71	29.07	40.71	35.70	
JAB255	F	30.46	30.49	32.72	26.66	28.22	
JAB264	M	49.90	44.79	49.77			
JAB264	F	45.27	42.23	42.94	49.31	42.92	
JAB267a							
JAB262	M	54.90	53.08	57.20	50.75	52.66	
JAB262	F	53.78	53.48	51.14	46.30	52.72	

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)
GROUP 1 - 0 MG/KG CONT.		
JAB102	M	55.96 54.11 53.33 56.17 59.80
JAB102	F	53.15 47.39 53.80 44.12 46.12
JAB246a		
JAB256	M	43.56 53.48 48.39 55.33 48.68
JAB256	F	36.06 50.79 49.86 36.56 24.02
JAB098	M	55.28 49.41 58.01 46.03 53.53 54.71 52.90
JAB098	F	48.83
JAB249	M	39.84 40.19 31.09 35.57 42.53
JAB249	F	33.53 38.03 36.25 39.19 39.49
JAB253	M	32.89 31.63 32.83 37.31 28.51
JAB253	F	25.94 35.01 30.99 34.44 24.59
JAB271b		

NOTES:
a = Animal did not deliver
b = Animal dead
c = No pups remain
d = No female pups present
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f = No male pups remain
g = Includes 1 pup whose sex cannot be determined
h = Not recorded due to technician oversight

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)				
GROUP 2 - 50 MG/KG						
JAB029	M	52.78	48.82	51.43	52.41	
JAB029	F	49.48	48.55	42.93	47.59	47.53
JAB032	M	49.89	48.36	48.51	44.90	42.43
JAB032	F	44.12	45.37	46.05	47.30	
JAB276a						
JAB279	M	47.73	46.79	42.34	43.12	41.42
JAB279	F	46.25	27.02	40.38	38.12	36.09
JAB104	M	38.25	41.24	38.87	29.88	42.34
JAB104	F	31.26	27.44	35.74	26.44	35.91
JAB282a						
JAB285a						
JAB288	M	49.21	47.75	49.50	54.63	51.68
JAB288	F	50.29	42.96	46.18	38.87	47.60
JAB035	M	53.33	49.88	51.57	48.15	49.74
JAB035	F	47.42	47.82	46.19	53.44	
JAB291a						
JAB107	M	48.48	48.69	46.94		
JAB107	F	44.79	39.98	47.51		
JAB292	M	54.78	48.79	55.23	58.21	56.98
JAB292	F	53.73	50.84	47.09	49.38	49.08
JAB295	M	50.42	50.91	48.65	50.47	
JAB295	F	49.10	44.77			
JAB347	M	48.37	46.71	45.95	44.67	47.75
JAB347	F	43.58	43.99	43.59	45.67	44.13
JAB298a						
JAB299a						
JAB348	M	47.27	42.63	52.74	41.93	46.52
JAB348	F	43.68	46.06	42.04	45.76	45.33
JAB277a						
JAB293	M	62.57	60.75	58.17	61.34	57.28
JAB293	F	62.80	60.28	57.73	60.31	53.44
JAB037	M	55.55	42.26	51.70	50.93	33.09
JAB037	F	51.43	51.70	44.98	53.59	50.21
JAB349	M	49.58	40.33	44.10	53.97	38.41
JAB349	F	42.92	50.96	37.63	47.80	57.49
JAB278	M	41.11	42.88	48.96	31.64	43.07
JAB278	F	36.98	37.27			
JAB300a						
JAB034a						
JAB105	M	51.27	46.95	50.94	54.34	51.23
JAB105	F	47.92	48.29	45.07	48.53	
JAB289	M	43.15	44.68	44.18	42.03	
JAB289	F	40.29	34.51	38.00	38.30	47.10

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)				
GROUP 2 - 50 MG/KG CONT.						
JAB297	M	56.38	48.34	51.96	48.71	54.78
JAB297	F	49.56	49.64	49.43	50.80	
JAB106	M	44.93	43.58	48.60	43.89	54.06
JAB106	F	45.76	43.18	44.56	42.14	46.81
JAB281a						
JAB290	M	47.19	43.68	47.86	46.98	
JAB290	F	50.38	45.45	44.44	37.92	46.08

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)				
GROUP 3 - 160 MG/KG						
JAB302	M	43.05	47.50	44.64	44.24	42.78
JAB302	F	42.34	43.06	41.58	41.15	39.40
JAB038	M	42.86	42.61	35.82	41.93	39.60
JAB038	F	39.82	33.08	39.02	40.04	33.00
JAB110	M	45.28	43.81	45.22	42.24	52.20
JAB110	F	43.56	40.32	47.22	44.92	42.70
JAB305	M	41.08	45.50	45.07	47.58	47.20
JAB305	F	41.85	41.73	45.02	47.18	43.40
JAB113	M	48.57	49.55	48.22	42.52	48.03
JAB113	F	45.58	45.31	45.60	49.44	36.49
JAB116	M	57.95	53.37	55.85		
JAB116	F	54.28	32.01			
JAB308	M	62.38	63.05			
JAB308	F	56.65	62.22	51.95		
JAB311	M	29.98	27.35	30.80	29.76	28.89
JAB311	F	31.34	33.44	20.96	23.26	
JAB118a						
JAB314a						
JAB121	M	48.83	47.00	49.12	47.42	47.76
JAB121	F	35.51	46.85	46.49	48.17	48.42
JAB124a						
JAB316b						
JAB127	M	56.98	56.34	50.65	55.23	
JAB127	F	40.49	47.95	51.30	48.11	48.07
JAB130	M	32.19	34.43	27.28	36.31	34.63
JAB130	F	32.62	34.60	37.07	33.36	36.70
JAB319	M	48.21	50.04	49.28	49.00	45.84
JAB319	F	42.91	43.83	43.87	30.64	45.17
JAB322a						
JAB320	M	45.70	45.42	46.62	46.50	47.66
JAB320	F	43.34	45.72	42.17	42.11	
JAB114a						
JAB306a						
JAB313	M	54.32	54.29	55.33	59.21	53.45
JAB313	F	52.72	54.25	53.11	52.75	
JAB323a						
JAB310a						
JAB117a						
JAB040	M	49.48	43.92	45.38	50.45	44.80
JAB040	F	39.44	43.27	41.96	44.25	43.27

APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)				
GROUP 3 - 160 MG/KG CONT.						
JAB309	M	45.84	43.68	42.87	44.58	46.10
JAB309	F	46.62	41.89	41.91	41.63	48.60
JAB039	M	42.00	42.59	39.95	42.98	47.03
JAB039	F	40.84	44.99			
JAB317a						
JAB120a						
JAB112	M	47.20	42.41	44.04	48.37	42.81
JAB112	F	45.07	44.63	40.75	45.03	

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APPENDIX AO - INDIVIDUAL OFFSPRING BODY WEIGHTS - F2B CONT.
(GRAMS)

FEMALE P.I.N.	SEX	DAY 21 PUP BODY WEIGHTS (GRAMS)
GROUP 4 - 500 MG/KG		
JAB325a		
JAB133c		
JAB327c		
JAB041a		
JAB331a		
JAB135a		
JAB136a		
JAB334a		
JAB045	M	35.51 32.79 32.41 33.45 29.39
JAB045	F	29.72 26.69 32.43 34.93 32.88
JAB335a		
JAB050a		
JAB336c		
JAB339c		
JAB329c		
JAB330c		
JAB343a		
JAB046a		
JAB138a		
JAB043a		
JAB332a		
JAB337c		
JAB140a		
JAB328c		
JAB042a		
JAB047a		
JAB134c		
JAB048a		
JAB341a		
JAB333a		
JAB338a		

NOTES:
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APPENDIX AP - ANALYTICAL CHEMISTRY REPORT

ANALYSIS OF MRD-89-365 IN FEED

Samples of MRD-89-365 in feed were received by Analytical Chemistry from the Diet Preparation Department. The samples were extracted and analyzed by Gas Chromatography (GC). Analyses indicated good homogeneity of the test material in feed using the mixing techniques employed as well as good stability both at conditions of room temperature and refrigerated storage. Concentration verification indicated that analyzed feed samples were within 11% or less of the nominal concentrations.

Analytical Procedure

Samples were prepared by weighing out three to six gram aliquots of feed and diluting with sufficient amounts of the extraction solvent to give final concentrations equivalent to the standard concentrations analyzed. Samples were mechanically shaken and filtered through a 0.45 micron Millex-HV filter. Standardization and quantitation was achieved by fortifying control feeds with known amounts of MRD-89-365 at low and high concentrations. The fortification technique was used to compensate for any chromatographic interferences and recovery efficiencies. See Table IV for analytical conditions. One point calibration was performed at each level of standardization.

Homogeneity and Stability

Triplicate aliquots of the top, middle, and bottom of the lowest (250 ppm) and highest (17000 ppm) concentrations bracketing expected nominal concentrations were analyzed. All homogeneity samples were within 7% of the target values. Two samples of 538 ppm and 17000 ppm (nominal concentration) dose levels were kept under conditions of room temperature and refrigeration for stability analysis. Aliquots of these samples were extracted and analyzed at various intervals for approximately one month. Stability was demonstrated for up to approximately one month under conditions of both refrigeration and room temperature.

Concentration Verification

Concentration verification on feed samples was performed weekly (Weeks 1-9) and monthly (Weeks 14-62). All analyzed samples were within 11% or less of the nominal concentrations and most were within 5% or less.

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TABLE I

236535

Homogeneity

Sample	250 ppm	17000 ppm
Top 1	255	16610
Top 2	259	16678
Top 3	248	16517
x +/- s.d.	254 +/- 5.6	16602 +/- 81
Mid 1	252	16403
Mid 2	256	16605
Mid 3	252	16687
x +/- s.d.	253 +/- 2.3	16565 +/- 146
Bot 1	256	16695
Bot 2	233	16377
Bot 3	235	16680
x +/- s.d.	241 +/- 12.7	16584 +/- 124
Overall Mean (+/- s.d.)	250 +/- 9.4	16584 +/- 124
Overall Coefficient of Variation	4 %	0.7 %
% from Nominal (Target) Value	0 %	- 2.4 %

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TABLE IIA

236535

Concentration Verification (Female)

Week	LOW DOSE (Group 2F) Nominal	Found	MID DOSE (Group 3F) Nominal	Found	HIGH DOSE (Group 4F) Nominal	Found
1	538	551	1725	1777	5300	5143
2	527	520	1710	1693	5406	5309
3	560	536	1748	1726	5345	5191
4	538	504	1779	1663	5185	5175
5	628	593	1971	1969	6555	6502
6	615	587	1973	1989	6073	5887
7	665	625	2155	2079	6342	6073
8	664	689	2011	2118	6263	6243
9	636	660	2289	2418	6875	7081
14	736	724	2240	2251	7346	7390
18	736	726	2240	2279	7346	7490
22	736	724	2240	2240	7346	7075
26	736	722	2240	2174	7346	7513
30	736	802	2240	2380	7346	7266
34	517	508	1582	1595	4458	4339
38	601	573	1955	1927	5454	5370
42	701	659	2224	2194	6113	6076
46	701	709	2224	2182	6113	5961
50	701	682	2224	2199	6113	6229
54	701	727	2224	2458	6113	6066
58	701	623	2224	2107	6113	6099
62	701	700	2224	2252	6113	5946

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TABLE IIB

236535

Concentration Verification (Males)

Week	LOW DOSE (Group 2M) Nominal	Found	MID DOSE (Group 3M) Nominal	Found	HIGH DOSE (Group 4M) Nominal	Found
1	545	567	1762	1883	5486	5290
2	535	520	1678	1585	5252	5314
3	593	598	1856	1891	5896	5901
4	610	578	1932	1808	6193	6308
5	705	669	1971	1969	6555	6502
6	747	741	2376	2380	7582	7408
7	763	719	2541	2488	8102	7767
8	782	822	2495	2615	7669	7705
9	842	912	2737	2934	8738	9085
14	897	935	2906	3002	9188	9653
18	897	917	2906	2962	9183	10114
22	897	883	2906	2927	9188	8911
26	897	896	2906	3018	9188	9538
30	897	923	2906	2979	9188	9041
34	537	522	1770	1780	4981	4895
38	721	710	2387	2358	6695	6615
42	887	841	2975	3000	7970	7874
46	887	861	2975	2982	7970	7703
50	887	902	2975	2971	7970	8108
54	887	927	2975	2940	7970	7809
58	887	822	2975	2860	7970	7957

* no week 62 samples. Males had already been sacrificed.

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Table III

236535

Stability Analysis

Group 2F (538 ppm nominal concentration)

	Day 0 (16 Oct 89)	Day 15 (25 Oct 89)	Day 29 (8 Nov 89)	Day 30 (9 Nov 89)
Room Temp	504	------ *	510	------
Refrigerated	------	496	-----	485

17000 ppm Nominal Concentration

	Day 0 (31 Aug 89)	Day 7 (7,8 Sep 89)	Day 28 (28 Sep 89)
Room Temp (Mid-1)	16403	15987	15002
Refrigerated (Mid-2)	-----	-----	15820

* not analyzed this date

TABLE IV

236535

Chromatography Conditions

Gas Chromatograph	Hewlett-Packard 5880A with integrator
Column	Carbopack B / 4 % CW 20M / 0.8 % KOH 6 ft x 2 mm
Detector	Flame Ionization
Injection Volume	1 microliter
Chart Speed	0.5 cm/min
Attenuation	22, 25
Flow Rate (ml/min)	Hydrogen - 40 Air - 400 Nitrogen - 40 (carrier)
Temperature Profile	Injector - 250 C Detector - 275 C Oven - 175 C initial 210 C final Ramp - 15 C/min

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APPENDIX AQ - NOTES AND PROTOCOL/ENVIRONMENTAL DEVIATIONS

STATISTICAL ANALYSIS OF DATA: Due to program limitations, the following data were not analyzed statistically:

- Male fertility indices Female fertility indices Number of live offspring per litter Number of live male offspring per litter Number of live female offspring per litter Number of dead offspring per litter Number of malformed offspring per litter Number of affected (dead or malformed) offspring per litter Offspring survival indices for postnatal Days 0, 4, 7, 14, and 21 Pup weights Incidence of mortality Types and incidences of physical observations Necropsy observations Microscopic observations Types and incidences of individual and total malformations Number of litters in group with ≥1 dead offspring Number of litters in group with ≥1 malformed offspring Number of litters in group with ≥1 affected (dead or malformed) offspring

These deviations did not adversely affect the study results or integrity.

MISSED MATING: Due to technician oversight, the animals in this study were not paired on the night of 7-December-89, and therefore were not smeared the following morning. The study director was informed of the oversight and felt that it would not damage the integrity of the study.

FOOD CONSUMPTION: On Days 0, 7, and 14 of the P1 generation, reasons for missed food consumption were inadvertantly not recorded in the raw data due to technician oversight. This oversight did not adversely affect the study results or integrity.

EARLY EUTHANASIA: On January 22, 1990, the litter from dam HCG329 was inadvertently euthanized one day early, on Day 20L. This deviation did not adversely affect the study results or integrity.

MIS-SEXED PUP: On March 21, 1990 (Day 4L for dam HCG227), one female pup was mis-sexed as a male pup and a male pup body weight was recorded. It could not be determined which of the male pup body weights actually belonged to the mis-sexed pup. This technical error did not adversely affect the overall study results or integrity. However, due to the uncertainty surrounding the pup weights on Day 4L, pup body weights and sex distribution for this litter were not included in the statistical analysis of Day 4L data.

ESCAPED RATS: On several occasions, rats were found out of their cages. In all cases, eartag identification were verified and the rats were placed back into their cages. Unusual observations which were noted at these times are as follows: On April 6, 1990, animal HCG331 was found out of its

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cage and was noted with a severed tail. On July 24, 1990 (Day 12G), animal JAB302 was found out of its cage with open lacerations at the base of its tail.

ESCAPED PUP: On April 9, 1990, one female pup was found loose in the animal room and was euthanized, as per study director's request.

MISSED OBSERVATIONS/BODY WEIGHTS/FOOD CONSUMPTION: Due to technician oversight, occasionally animals were missed on their scheduled observation days, and observations, body weights, and/or food consumption values were not recorded. See individual tables for specific animals and days of missed data. These deviations did not adversely affect the study results or integrity.

EXTRANEOUS DATA: On several occasions, data was recorded when not needed (i.e. lactation observations for a dam that has discontinued lactating). These data remain with the raw data but are not reported.

MISSING NECROPSY SHEETS: Two necropsy sheets could not be located at the time of report generation. Should these sheets be found, the data will be added to this report. The animals affected were P2 (F1b) male JAB179 - spontaneous death on test day 35 and P2 (F1b) female JAB271 - spontaneous death on test day 55. JAB179 did not have tissues saved. This deviation did not adversely affect the study results or integrity.

MISSED ROOM CHECKS: Due to technician oversight, on March 2, 1990 and December 3, 1990, room checks were not performed. In addition, on October 29, 1990, the room conditions were not recorded. These deviations did not adversely affect the study results or integrity.

LIGHTING: On 30-December-89, the animal room lights were left on for an extra hour, as per study director's instruction, in order to complete the afternoon (P.M.) observations. This situation arose from an unanticipated heavy workload and was a one time occurence. Thus, the single hour of extra light was not expected to have any adverse affect on the study results or integrity.

TEMPERATURE DEVIATION:

The temperature was out of the acceptable range of 68-76 degrees Fahrenheit on the following occasion:

Date	Temperature
November 28, 1990	78 degrees Fahrenheit

This deviation did not adversely affect the study results.

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HUMIDITY DEVIATIONS:

The humidity was out of the acceptable range of 40-70% on the following occasions:

Date	Relative Humidity
November 9, 1989	81%
November 21. 1989	33%
February 10, 1990	73%
March 22, 1990	74%
April 22, 1990	77%
August 30, 1990	77%
August 31, 1990	78%
October 31, 1990	78%

These deviations did not adversely affect the results or integrity of the study.

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APPENDIX AR - HISTOPATHOLOGY REPORT

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QA AUDIT

APPENDIX AR - HISTOPATHOLOGY REPORT

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APPENDIX AS - STUDY PROTOCOL

SAFETY FIRST

PROTOCOL

Study Number: 236535

Test Material: MRD-89-365

STUDY TITLE

Multi-Generation Rat Reproduction Study with MRD-89-365

Room Number: 503

Date: August 30, 1989

Selected Distribution:

Study Director	B. K. Beyer
Sponsor Rep.	J. M. Ansell
Primary Study Tech	R. W. Veneziale
Veterinarian	R. L. Harris
Compound Prep.	B. E. LaSota
Chemistry	D. J. Letinski
Diet Preparation	E. Meriwether
Pathologist	W. R. Brown
Necropsy	E. R. Frank
Histology	M. A. Chirdon
Report Writing	M. A. Elliott
Diet Disposal	E. Lambert

Distribute to all below:

Industrial Hygiene	D. R. Hudgins
QA	Staff
QA Director	J. K. Baldwin
Lab Director	R. D. Phillips

Proposed Key Dates:

Animal Receipt	05-Sep-89
Dose Initiation	20-Sep-89
End of Biophase	18-Nov-90
Final Report Completion	31-Mar-91

Objective

This study is designed to provide general information concerning the potential effects of the test article on gonadal function, estrus cycles, mating behavior, conception, parturition, lactation, weaning, and the growth and development of the offspring. The study will be conducted for GAF Chemicals Corporation, 1361 Alps Road, Wayne, New Jersey 07470, (subsequently referred to as the Sponsor) on the test material designated MRD-89-365 in the rat.

The study will be performed at Exxon Biomedical Sciences, Inc., Toxicology Laboratory (an AAALAC-accredited facility) Mettlers Road, CN 2350, East Millstone, New Jersey 08875-2350.

Justification for selection of test system

The rat is a preferred species for testing according to Toxicological Principals for the Safety Assessment of Direct Food Additives and Color Additives Used in Food, U.S. Food and Drug Administration, Bureau of Foods, 1982, Guidelines for a Three Generation Reproduction Toxicity Study with Optional Teratology Phase.

Justification of dosing route

Dietary administration is an appropriate route to evaluate the toxicity of test materials during continuous exposure. It may also be the primary route of exposure for this test material.

APPROVALS

B.K. Beyer — 30-Aug-89

B. K. Beyer, Ph.D.
Study Director
Exxon Biomedical Sciences, Inc.

Date

J. Ansell — 9/14/89

J. M. Ansell
Sponsor Representative

Date

MATERIALS AND METHODS

Test Material

Material identification

MRD-89-365

Carrier

The undiluted test material will be blended into certified rodent chow.

Storage conditions

Bulk Material:	Refrigerate
Test Diets:	Refrigerate
Retain Compound Samples:	Refrigerate

Characterization of the test material

The methods of synthesis, fabrication, and/or derivation of the test substance are documented and are the responsibility of the Sponsor.

Analysis of test material

The stability, identity, and composition or other characteristics which will appropriately identify the test material will be the responsibility of the Sponsor.

The stability and homogeneity of the test material in feed will be determined by the Toxicology Laboratory. Homogeneity will be evaluated at two concentrations representing the lowest and highest levels expected during the study. These preparations will not be fed to the test animals, but will be analyzed by the Analytical Chemistry Department with excess being disposed according to procedures on page 5. Triplicate samples will be collected from the top, middle and bottom of each preparation (nine samples in total). The concentration will be the mean of all nine samples. Once homogeneity is demonstrated, it will not be reassessed unless the mixing method is changed.

Stability will be assessed by measuring the concentrations of selected samples from each of the homogeneity preparations after room temperature storage for 7, 14 and 28 days.

Concentrations of test material-diet blends will be checked weekly during the first 10 weeks of the study and monthly thereafter in order to assure continuing accuracy in mixing diets. If assay of test material in the diet is not within 20% of the target concentration, this fact will be reported as a protocol deviation.

MATERIALS AND METHODS

Test Material

Test Diet

Mixing of feed: The basal diet will consist of Certified Rodent Chow (Meal). The test material will be incorporated into the feed, and mixed thoroughly to assure homogeneity.

The specification for purity of the test compound is above 99.8%; therefore, dosing calculations will assume 100% active material. The diets will be prepared fresh every week during the first 10 weeks of dosing. For the remainder of the study, diets will be prepared at least every two weeks.

Retention samples

Two retention samples of the neat test material will be collected the first time a new Sponsor container is opened.

Safety Precautions:

1. Known Hazards: May cause skin and eye irritation.
2. Personnel Precautions: Avoid contact with skin and eyes. Use with adequate ventilation.
   Respiratory: Half-face respirator with organic vapor cartridges for handling neat test material where ventilation may be poor. Not required when used in a chemical hood. Use supplementary particle filters for mixing diets, scooping and dumping feeders.
   Dermal: Neoprene or latex gloves with sleeve protectors for handling neat material and for scooping and dumping feeders. Hair covers for feed scooping and dumping.
   Eye: Splash goggles when handling neat material and for scooping and dumping feeders.
3. Material Spill Procedure: Eliminate sources of ignition. Use spill kit or absorb small quantities with paper towels and incinerate. Flush area with water.
4. Roof Access Precautions: None required.
5. In case of exposure: Flush skin and/or eyes with running water (at least 15 minutes for eye contact), and seek prompt medical attention.

   In case of inhalation, remove to fresh air if overcome, apply artificial respiration if necessary, and seek prompt medical attention.

   If ingested, induce vomiting unless unconscious and seek prompt medical attention.

MATERIALS AND METHODS

Test Material

Disposal

All unused test materials will be returned to the Sponsor. Used containers will be returned to the Compound Preparation Lab and then transferred to a disposal facility under the supervision of the Site Hazardous Waste Coordinator.

Animal carcasses, animal wastes, waste test diets and empty dosing bottles will be incinerated under the supervision of the Site Hazardous Waste Coordinator.

Test System

Test organism

Rat

Strain

Crl:CD BR (Sprague Dawley) VAF/Plus

Supplier

Charles River Breeding Labs, Inc., Kingston Facility, Stone Ridge, New York.

Number and sex

120 virgin females, 120 virgin males

Age at initiation of test material administration

Approximately 6-8 weeks

Quarantine and acclimation period

Animals will be received, held in acclimation, and observed as described in SOP A.2.3.12. Animals will be held in quarantine for approximately 14 days.

Test system identification

Ear tags[1] and corresponding cage identification. Pups selected from F_{1b} liters to serve as parents for the next generation will be ear tagged after weaning.

[1]Gey Band and Tag Company
P.O. Box 363
Norristown, PA 19404

MATERIALS AND METHODS

Test System

Housing

Individually housed, except during the first week of quarantine, during mating, and during lactation.

Caging

Suspended stainless steel and wire mesh with stainless steel litter pans. Fresh bedding provided (as described in SOP A.2.3.5) for dams near parturition and during lactation.

Humane Treatment

All animals will be treated humanely as described in SOP No. A.2.3.13. The study design and personnel training are sufficient to minimize animal suffering within the confines of the study objectives.

Husbandry

Animals will be housed in appropriate caging, and the environment, including temperature, humidity, and diurnal cycle will be maintained and monitored in accordance with laboratory SOP A.3.1.14, the Animal Welfare Act[2] and the Guide for the Care and Use of Laboratory Animals[3].

Near parturition (day 18 of gestation) and during lactation, mated females will be provided with clean bedding as necessary, usually every two days.

[2]CFR, Title 9 [Animals and Animal Products, [Subchapter A-Animal Welfare Parts 1,2, and 3. Animal Welfare Act of 1966 (P.L. 89-544), as amended by the Animal Welfare Act of 1970 (P.L. 91-579), and by the 1976 Amendments to the Animal Welfare Act (P.L. 94-279).

[3]Guide for the Care and Use of Laboratory Animals, U.S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, NIH Publication No. (NIH) 85-23, Revised 1985.

MATERIALS AND METHODS

Test System

Feed

Purina Certified Rodent Chow (5002 Meal) - ad libitum
Manufacturer: Ralston Purina Co., Checkerboard Square
St. Louis, MO 63164
Analysis: As provided by Purina.
Contaminants: This feed has had extensive use and has not, to the best of our knowledge, adversely affected the outcome of studies of this nature.

Water

Automatic water system, ad libitum
Supplier: Elizabethtown Water Company, Elizabeth, New Jersey
Analysis: Periodic analysis will be provided by Elizabethtown Water Company and will be maintained in the Toxicology Laboratory Archives.
Contaminants: There are no known contaminants in the water believed to be present at levels that may interfere with this study.

Bedding (Direct)

ALPHA-dri (alpha cellulose)
Manufacturer: Shepherd Specialty Papers, Inc.
Analysis: Provided by the Manufacturer
Contaminants: There are no known contaminants in the bedding believed to be present at levels that may interfere with this study.

EXPERIMENTAL DESIGN

Selection

More animals than are required for the conduct of this study will be purchased and acclimated. The P_1 population will be selected by exclusion of animals from the quarantine population (determined by the staff veterinarian, Study Director or his designees, and technicians), because of poor health, outlying body weights, or abnormalities which could interfere with the conduct or interpretation of this study. Animals excluded from study will be removed for euthanasia and discarded. The selected P_1 population will be randomly allocated to groups by computer to most nearly equalize initial group mean body weights.

Experimental Groups

Group Designation Log	DATATOX	Target Dose mg/kg*	Number of P_1 and F_{1b} Females	Number of P_1 and F_{1b} Males
1	A (control)	0	30	30
2	B	**	30	30
3	C	**	30	30
4	D	**	30	30

* mg/kg body weight
**to be determined

Administration of test material

A homogeneous blend of test material, prepared as mixtures in Certified Purina Rodent Chow #5002 will be offered ad libitum to MRD-89-365-treated animals. Control animals will receive Certified Purina Rodent Chow #5002 ad libitum. Feed jars containing the diet offered to the animals, will be replaced at least once each week.

Treatment schedule

P_1 males will be dosed for at least 10 weeks prior to mating, during the mating period for F_{1a} litters, and continuing through the end of the mating period for the F_{1b} litters. P_1 females will be dosed for at least 10 weeks prior to mating and during the mating, gestation, and lactation periods of the F1a and F1b animals (day 21 postpartum).

F_{1b} males will be dosed from day 21 postpartum for at least 10 weeks prior to mating, during the mating period for F_{2a} litters, and continuing through the end of the mating period for the F_{2b} litter. F_{1b} females will be dosed from day 21 postpartum for at least 10 weeks prior to mating and during the mating gestation, and lactation periods of the F_{2a} and F_{2b} animals (day 21 postpartum).

EXPERIMENTAL DESIGN

Experimental evaluation

All animals will be examined for viability at least once a day. Animals appearing moribund will be considered by the Study Director or his designee for euthanasia.

Male body weights will be measured prior to P_1 selection, on the first day of dosing (P_1 and F_{1b} males), and at least weekly thereafter (P_1 and F_{1b}) until sacrifice. Female body weights will be measured prior to P_1 selection, on the first day of dosing (P_1 and F_{1b} females), and for P_1 and F_{1b}, at least weekly thereafter until confirmation of mating, then on days 0, 6, 9, 12, 16, and 20 of gestation and on days 0, 1, 4, 7, 14, and 21 postpartum.

Each male will be physically examined prior to P_1 selection, on the first day of dosing (P_1 and F_{1b} males) and at least weekly thereafter until sacrifice. Females will receive a physical examination prior to P_1 selection, on the first day of dosing (P_1 and F_{1b} females), and for P_1 and F_{1b}, at least weekly thereafter until confirmation of mating, then on Days 0, 6, 9, 12, 16, and 20 of gestation and on days 0, 1, 4, 7, 14, and 21 postpartum.

Food consumption will be measured by weighing the feed jars of each parental (P_1 and F_1) male on the first day of dosing and at least weekly thereafter, except during mating, until sacrifice. Parental (P_1 and F_1) females will have their food consumption measured by weighing feed jars on the first day of dosing and at least weekly thereafter, except during mating, then on days 0, 6, 9, 12, 16, and 20 of gestation and on days 1, 4, 7, 10, 14 and 21 postpartum.

Mating

The first P_1 mating period will begin after at least 10 weeks of dosing and end when all females are confirmed mated or 3 weeks have elapsed. Each P_1 male will be randomly (by use of reference number and a random numbers table) assigned to be paired overnight for a maximum of 7 days with one P_1 female of the same dose group to produce the F_{1a} generation. After seven days the females of those pairs exhibiting no positive signs of mating will be placed with males of other unmated pairs within the group. This will be repeated after a further seven days, allowing a total of 21 days to mate. If only one pair of rats has failed to mate in any group, no exchange will be made.

The second P_1 mating period will begin at least 14 days after weaning of the F_{1a} litters and end when all females are confirmed mated or 3 weeks have lapsed.

EXPERIMENTAL DESIGN

Mating (continued)

Each P_1 male will be randomly (by use of reference number and a random numbers table) assigned to be paired overnight for a maximum of 7 days with one P_1 female of the same dose group to produce the F_{1b} generation. After 7 days the females of those pairs exhibiting no positive signs of mating will be placed with males of other unmated pairs within the group. This will be repeated after a further 7 days, allowing a total of 21 days to mate. If only one pair of rats has failed to mate in any group, no exchange will be made.

The first F_{1b} mating period will begin after at least 10 weeks of dosing and will end after females are confirmed mated or 3 weeks have elapsed. Each F_{1b} male will be randomly (by use of reference number and a random numbers table) assigned to be paired overnight for a maximum of 7 days with one F_{1b} female of the same dose group but different litter (to avoid sibling mating) to produce the F_{2a} generation. After 7 days, the females of those pairs exhibiting no positive signs of mating will be placed with males of other unmated pairs within the group. This will be repeated after a further 7 days, allowing a total of 21 days to mate. If only one pair of rats has failed to mate in any group, no exchange will be made.

The second F_{1b} mating period will begin at least 14 days after weaning of the F_{2a} litters and end after females are confirmed mated or 3 weeks have elapsed. Each F_{1b} male will be randomly (by use of reference number and a random numbers table) assigned to be paired overnight for a maximum of 7 days with one F_{1b} female of the same dose group but different litter (to avoid sibling mating) to produce the F_{2b} generation. After 7 days, the females of those pairs exhibiting no positive signs of mating will be placed with males of other unmated pairs within the group. This will be repeated after a further 7 days, allowing a total of 21 days to mate. If only one pair of rats has failed to mate in any group, no exchange will be made.

Mating will be confirmed on the following morning by observation of a copulatory plug in the vagina or by the presence of sperm in a vaginal rinse. The day on which mating is confirmed is the female's day 0 of gestation (G). After observation for the confirmation of mating, each animal will be placed in its own cage.

On day 18 of gestation, mated females will be placed in clean cages fitted with a stainless steel litter pan and fresh bedding material will be provided. After day 18 of gestation, mated females will be examined at least 2 times daily for signs of parturition.

EXPERIMENTAL DESIGN

Postnatal Evaluations

F_{1a} litters

Maternal animals will be allowed to give birth. The duration of gestation will be calculated and any difficulties occurring at parturition will be noted. The date of birth will be recorded as day 0 postpartum.

Each morning and each afternoon during the postnatal period, the litters will be checked for dead offspring and unusual conditions, and the maternal animals will be observed for viability, nesting behavior, and nursing behavior.

Dead pups will be removed from the litter immediately after their discovery. If intact, dead pups will be examined externally for anomalies, and internally for gross visceral abnormalities.

On days 0, 1, 4, 7, 14, and 21 postpartum, the number of pups will be counted and each live pup will be weighed and examined externally for anomalies.

On postnatal day 4, after counting, weighing, and examining the pups, the size of each litter will be adjusted by eliminating extra pups by random selection to yield, as nearly as possible, 5 males and 5 females per litter. Litters of less than ten pups will not be adjusted. Culled pups will be euthanized. Culled pups that appear normal will receive only an external examination and tissues need not be saved. Culled pups that appear abnormal will be subjected to a complete gross necropsy and tissues, as deemed necessary, will be preserved in 10% neutral buffered formalin for possible future microscopic examination.

At day 21, the surviving pups will be examined as noted above and 10 male and 10 female pups in each group will be sacrificed and examined for internal abnormalities. The selection of the litters and the pups within litters will be done randomly. No more than one pup of each sex will be selected from any one litter. The vagina, uterus, ovaries, testes, epididymides, seminal vesicles, prostate, and any gross lesion noted during this examination will be preserved in 10% neutral buffered formalin for possible future microscopic examination. The remainder of the pups will be sacrificed, examined externally, and discarded.

EXPERIMENTAL DESIGN

Postnatal Evaluations (continued)

F_{1b} litters

All activities and observations described for the F_{1a} litters will be conducted and recorded for the F_{1b} litters.

At weaning (Day 21) gross necropsies will be performed on 10 male and 10 female pups from each dose group and tissues saved as described for the F_{1a} pups. From the remaining pups, a maximum of 2/sex/litter will be randomly selected and individually housed, to be considered for F_{1b}-generation parents. On the designated study day 0 (for the F_{1b} generation), the number of animals to continue as F_{1b} generation parents will be standardized to a maximum of 30/sex/group. The designated study day 0 and the method of standardizing group size will be described in the raw data. The remainder of the pups will be sacrificed, examined externally, and discarded.

F_2 litters

Evaluations and other activities for $F_{2(a\&b)}$ litters will be conducted as previously described for F_{1a} litters.

Euthanasia and Sacrifice

Euthanasia will be performed on moribund animals upon decision of the Study Director or his designee. Adult animals and all externally normal pups who are selected for sacrifice will be asphyxiated with carbon dioxide. Pups that are sacrificed in moribund condition prior to day 21 will receive an intraperitoneal overdose of pentobarbital.

P_1 and F_{1b} males selected for mating will be sacrificed at the end of the mating period for their last litter. P_1 and F_{1b} females will be sacrificed upon weaning of the F_{1b} and F_{2b} litters, respectively. P_1 and F_{1b} females that have been mated, but do not give birth by day 26 of gestation, will be sacrificed.

F_{1a} litters will be sacrificed after weaning, as well as F_{1b} pups not selected for mating. F_2 litters (F_{2a} and F_{2b}) will be sacrificed after weaning.

EXPERIMENTAL DESIGN

Necropsy

A gross necropsy will be performed on all P_1 and F_{1b} animals used for mating, including those that die spontaneously or are sacrificed moribund. Necropsy will be performed by appropriately trained personnel, and a Board certified or Board eligible pathologist will be available for consultation if requested by the Sponsor. Body weights will be recorded at the time of necropsy. The uterus of each female will be examined for evidence of implantations.

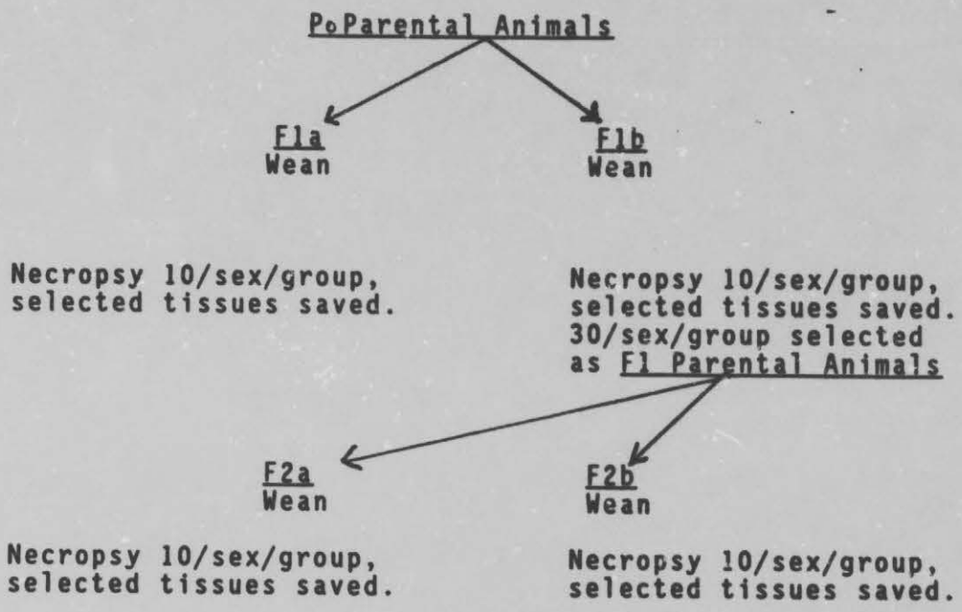
The following organs and tissues of all P_1 and F_{1b} animals used for mating will be preserved in 10% neutral buffered formalin for possible future histological examination: vagina, uterus, ovaries, testes, epididymides, seminal vesicles, prostate, and any abnormal tissues.

Histological slides of these selected organs will be prepared and evaluated for all high dose and control P_1 and F_{1b} animals used for mating. If abnormalities or equivocal results are seen at the high dose, then specimens from the mid dose, and, if necessary those of the low dose will be evaluated for histopathology. Histological slides of any abnormal tissue will be prepared and evaluated for all P_1 and F_{1b} animals used for mating.

All F_1 and F_2 pups that die, or are sacrificed in moribund condition will be subjected to a complete gross necropsy examination. Abnormal tissues will be preserved in 10% neutral buffered formalin for possible future microscopic examination. Pups sacrificed on Day 21 postpartum which appear normal will receive only an external examination and tissues need not be preserved.

EXPERIMENTAL DESIGN

Diagrammatic Representation of Study Design



Regulatory Status

Study is intended for submission to the U.S. Food and Drug Administration

ANALYSIS OF DATA AND STATISTICAL METHODS

Where applicable, the following statistical methods will be employed.

I. Body weight, food consumption, male fertility index, female fertility index, number of liver offspring/litter, number of live male offspring/litter, number of live female offspring/litter, number dead offspring/litter, number malformed offspring/litter, number affected (dead or malformed) offspring/litter, 0, 4, 7, 14, and 21-day survival indices for offspring will be calculated and tested for statistical significance as follows:

Bartlett's test of homogeneity of variance will be used to determine if the groups have equivalent variances at the 1% level of significance.

1. If the variances are equivalent, the hypothesis that there is no difference in response between the groups will be tested using a standard one-way analysis of variance. If the ANOVA is significant, Dunnett's test will be performed to determine which treated groups differ from control. A linear regression to test for a dose response will also be performed and tested for lack of fit to the regression.

2. If the variances are not equivalent, then a Kruskal-Wallis (non-parametric) test will be performed to determine if the treatment effects are equivalent. If there is a difference, a rank sum comparison will be used to determine which treatment groups differ from control. Jonckheere's test for ordered response will also be performed.

II. Pup weight will be analyzed by a standard nested analysis of variance with pups nested within dams and with dams nested within groups. If differences in groups are identified, the LSD technique will be used to determine which test group(s) differ from the control group. Male and female pups are to be tested separately. All tests will be conducted at the 5% level.

III. Incidence of mortality, types and incidences of physical observations, necropsy observations, and microscopic observations, types and incidences of individual and total malformations, number of litters in group with ≥ 1 dead offspring, number of litters in group with ≥ 1 malformed offspring, number of litters in group with ≥ 1 affected (dead or malformed) offspring will be calculated and analyzed for statistical significance as follows:

ANALYSIS OF DATA AND STATISTICAL METHODS (CONTINUED)

First, a standard chi-square analysis will be performed to determine if the proportion of incidences differ between the groups tested. In keeping with standard statistical practice, if any one cell has an expected value less than 5 this step will not be reported. Next, each treatment group will be compared to the control group using a 2 x 2 Fisher Exact test. Thirdly, Armitage's test for linear trend in the dosage groups will be performed.

After review of the data by the Study Director, additional statistical tests as warranted may be performed by the statistician with Sponsor approval.

STATISTICAL REFERENCES

Fisher Exact Test

Bradley, J.V., Distribution Free Statistical Tests, Prentice Hall, Englewood Cliffs, N.J. 1968, p 195-203.

Smith-Sattherthwaithe t-test

Dixon and Massey, Introduction to Statistical Analysis, 3rd Ed. McGraw-Hill Inc., New York 1969.

Dunnett's Test

Dunnett, C. "New Tables for Multiple Comparisons With A Control", Biometrics, Vol 20, No. 3 (Sept 1964) 482-491.

GSK log-linear model

Grizzle, J.E., Starmer, C.F., and Koch, G.G., "Analysis of Categorical Data by Linear Models", Biometrics, Vol 25, #3 (Sept 1969) 489-504.

Dunn's Test, Kruskal-Wallis Test, Jonckheere's Test

Hollander, M. and Wolfe, D.A., Nonparametric Statistical Methods, John Wiley and Sons, New York, 1973.

Bartlett's Test, Standard one-way and two-way ANOVA, Cochran's transformation, arc sine transformation, t-test, F-test for equal variance, Chi-square test for incidence, Armitage's Test for trend, Regression analysis, Least Significant Difference (LSD).

Snedecor and Cochran, Statistical Methods, 6th Edition, The Iowa State Press, Ames, Iowa, 1971.

REPORTS

A draft report, which includes the following information, will be submitted for review by the Sponsor.

Materials and Methods

Experimental Design

Summary

Experimental Data with appropriate discussion and analysis to include:

1. For parental (P_1 and F_1) animals: Incidence of mortality, types and incidences of physical observations, necropsy observations, and microscopic observations.

2. Body weights of P_1, F_1, and F_2 animals.

3. Food consumption by parental (P_1 and F_1) animals.

4. Male fertility index (number of males that impregnated females/total number of males mated).

5. Female fertility index (number of impregnated females/total number of females mated). Incidence of parturition. Gestation length.

6. Total live, live male, live female offspring per litter. Day 0, 4, 7, 14, and 21 survival indices for offspring.

7. Types and incidence of pup death and malformation. Numbers of litters with dead or malformed offspring.

Following review and approval of the draft report by the Sponsor, the Study Director, and the Quality Assurance Unit, a final report will be issued.

RECORDS

All appropriate materials, methods and experimental measurements required in this protocol will be recorded and documented in the raw data. Any modifications of this protocol must be approved by the Study Director and the Sponsor Representative or his alternate. These changes will be documented in writing, including the date and the justification for the change.

A copy of the protocol, final report, raw data, computer generated listings of raw data, supporting documentation, specimens, and samples of test material and diet will be maintained in the Archives of the Toxicology Laboratory.

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

Protocol Change Record

This record must be completed by the Study Director and approved by the Sponsor Representative* for all protocol changes made subsequent to initial protocol distribution.

Upon completion, this record must then be submitted to the Archives for incorporation into the file protocol and all following yellow (official) copies.

Study Number: 236535 Revision Number 1

Date: 14-Sep-89

Page/Sec/Line	Previous Statement	Revised Statement	Justification
Cover	Primary Study Tech R. W. Veneziale Necropsy E. R. Frank QA Director J. K. Baldwin	*Primary Study Tech* *G. D. Koehler* *Necropsy* *G. A. Golias* *QA Group Head* *R. T. Plutnick*	Personnel reassignments
Page 8/ Experimental Groups	Group / Target Dose mg/kg 1 TBD 2 TBD 3 TBD 4 TBD	*Group / Target Dose mg/kg* *1 0* *2 50* *3 160* *4 500*	Dose selection

Sign or circle asterisk:

Required Signature:

J. M. Ansell
Sponsor Representative (*)
GAF Corporation

Date

B.K. Beyer
B. K. Beyer
Study Director
Exxon Biomedical Sciences, Inc.

15-Sep-89
Date

(*) In lieu of signature, a written statement from Sponsor Representative approving above changes may be attached or sent to Archivist at a later date.

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

Protocol Change Record

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Study Number: 236535 Revision Number 2

Date: 18-Sep-89

Page/Sec/Line	Previous Statement	Revised Statement	Justification
Page 3/ Storage Conditions	Bulk Material: Refrigerate Test Diets: Refrigerate	Bulk Material: *Room temperature* Test Diet: *Room temperature*	Based upon experience with Study 236533 (Probe Study).

Required Signature:

J. M. Ansell
Sponsor Representative*
GAF Corporation

10/5/89
Date

B. K. Beyer
Study Director
Exxon Biomedical Sciences, Inc.

18-Sep-89
Date

* In lieu of signature, a written statement from Sponsor Representative approving above changes may be attached or sent to Archivist at a later date.

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

Protocol Change Record

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Upon completion, this record must then be submitted to the Archives for incorporation into the file protocol and all following yellow (official) copies.

Study Number: 236535 Revision Number 3

(Page 1 of 4) Date: 26-Oct-89

Page/Sec/Line	Previous Statement	Revised Statement	Justification
Page 8/ Treatment Schedule/ Insert prior to paragraph 1	--	During the 10 weeks prior to mating of the P_1 or F_{1b} rats to produce the F_{1a} or F_{2a} generations, respectively, test material will be administered in the diet on a mg/kg basis, and concentrations of test material in the diets will be adjusted based on the most recent group mean body weight and food consumption. After the 10-week pre-mating dosing period, the concentration of test material in the diets will be maintained at the level prepared just prior to initiation of mating of P_1 or F_{1b} rats to produce the F_{1a} or F_{2a} generations, respectively. That is, after the 10-week pre-mating dosing phases of the study, all animals (P_1 and F_{1b}) will be administered the test material in the diet on a fixed weight percent basis.	Clarification

Required Signature:

J. M. Ansell
Sponsor Representative*
GAF Corporation

11/14/89
Date

B. K. Beyer
Study Director
Exxon Biomedical Sciences, Inc.

27-Oct-89
Date

* In lieu of signature, a written statement from Sponsor Representative approving above changes may be attached or sent to Archivist at a later date.

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

Protocol Change Record

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Study Number: 236535 Revision Number 3

(Page 2 of 4) Date: 26-Oct-89

Page/Sec/Line	Previous Statement	Revised Statement	Justification
Page 8/ Treatment Schedule (continued)	--	Since food consumption will not be available for weanling animals, initial test diet concentrations for F_{1b} (P_2) animals will be based arbitrarily on group mean food consumption values obtained for the P_1 generation at study initiation. Subsequent dietary concentrations will be adjusted based on the most recent group mean body weight and food consumption.	Clarification
Page 9/ Experimental Evaluation/ Paragraph 4	Food consumption will be measured...(P1 and F1) male...Parental (P_1 and F_1) females will have their food consumption measured...	Food consumption will be measured...(P_1 and F_{1b}) male...Parental (P_1 and F_{1b}) females will have their food consumption measured...	Clarification /correct typographical error.

Required Signature:

J. M. Ansell
Sponsor Representative*
GAF Corporation

11/14/89
Date

B. K. Beyer
Study Director
Exxon Biomedical Sciences, Inc.

27-Oct-89
Date

* In lieu of signature, a written statement from Sponsor Representative approving above changes may be attached or sent to Archivist at a later date.

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

Protocol Change Record

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Study Number: 236535 Revision Number 3

(Page 3 of 4) Date: 26-Oct-89

Page/Sec/Line	Previous Statement	Revised Statement	Justification
Page 11/ Postnatal Evaluations/ Paragraph 6/ Lines 10, 11	The remainder of the pups will be sacrificed, examined externally, and discarded.	The remainder of the pups will be sacrificed, examined externally, and discarded. Any externally abnormal offspring may be given a gross necropsy at the discretion of the Study Director of his designee.	Clarification
Page 12/ Euthanasia and Sacrifice/ Lines 2-5	Adult animals and all externally normal pups who are selected for sacrifice will be asphyxiated with carbon dioxide. Pups that are sacrificed in moribund condition prior to day 21 will receive an intraperitoneal overdose of pentobarbital.	All animals will be euthanized by carbon dioxide asphyxiation.	Standard-ization of procedures.
Pages 15-16/ Analysis of Data and Statistical Methods/ applies to entire section	--	All tests will be reported at the 5% or 1% level of significance.	Clarification

Required Signature:

J. M. Ansell — Date: 11/14/89
Sponsor Representative*
GAF Corporation

B. K. Beyer — Date: 27-Oct-89
Study Director
Exxon Biomedical Sciences, Inc.

* In lieu of signature, a written statement from Sponsor Representative approving above changes may be attached or sent to Archivist at a later date.

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

Protocol Change Record

This record must be completed by the Study Director and approved by the Sponsor Representative* for all protocol changes made subsequent to initial protocol distribution.

Upon completion, this record must then be submitted to the Archives for incorporation into the file protocol and all following yellow (official) copies.

Study Number: 236535 Revision Number 3

(Page 4 of 4) Date: 26-Oct-89

Page/Sec/Line	Previous Statement	Revised Statement	Justification
Page 19/ Records/ Paragraph 2	A copy of the protocol, final report, raw data, computer generated listings of raw data, supporting documentation, specimens, and samples of test material and diet will be maintained in the Archives of the Toxicology Laboratory.	A copy of the protocol, final report, raw data, computer generated listings of raw data, supporting documentation, specimens, and samples of test material will be maintained in the Archives of the Toxicology Laboratory.	Test material diet admixtures will no longer be retained.

Required Signature:

J. M. Ansell
Sponsor Representative*
GAF Corporation

11/14/89
Date

B. K. Beyer
Study Director
Exxon Biomedical Sciences, Inc.

27-Oct-89
Date

* In lieu of signature, a written statement from Sponsor Representative approving above changes may be attached or sent to Archivist at a later date.

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

Protocol Change Record

This record must be completed by the Study Director and approved by the Sponsor Representative* for all protocol changes made subsequent to initial protocol distribution.

Upon completion, this record must then be submitted to the Archives for incorporation into the file protocol and all following yellow (official) copies.

Study Number: 236535 Revision Number 4

Date: 18-Apr-90

Page/Sec/Line	Previous Statement	Revised Statement	Justification
Page 12/ Postnatal Evaluations/ F_{1b} litters/ Paragraph 2/ Lines 1-6	At weaning (Day 21) gross necropsies will be performed on 10 male and 10 female pups from each dose group and tissues saved as described for the F_{1a} pups. From the remaining pups, a maximum of 2/sex/litter will be randomly selected and individually housed, to be considered for the F_{1b}-generation parents.	See attached memo.	Per Sponsor request.
Page 12/ Euthanasia and Sacrifice/ Paragraph 2/ Lines 4-6	P_1 and F_{1b} females that have been mated, but do not give birth by day 26 of gestation, will be sacrificed.	F_{1b} females that have been mated, but do not give birth by Day 26 of gestation, will be euthanized as apparently non-pregnant only following mating to produce the F_{2b} generation.	Per Sponsor request.

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Required Signature:

J. M. Ansell
Sponsor Representative*
GAF Corporation

Date 4/20/90

B. K. Beyer
Study Director
Exxon Biomedical Sciences, Inc.

Date

* In lieu of signature, a written statement from Sponsor Representative approving above changes may be attached or sent to Archivist at a later date.

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

INTER-OFFICE CORRESPONDENCE

TO	DATE April 18, 1990
Study File 236535	REFERENCE
FROM B. L. Beyer	SUBJECT Change in Selection of F_{1b} Offspring for Necropsy and For Potential F_{1b} (P_2) Parents

Following discussions with FDA, the Sponsor has indicated that we should proceed with randomization of the F_{1b} offspring to select potential P_2 parents in Study 236535. In order to maximize the number of litters represented from those remaining, the following procedures will be followed for F_{1b} offspring, only.

1. Gross necropsies will be performed on 10 male and 10 female F_{1b} offspring from each dose group selected on or after weaning (Day 21 postpartum). If a pup selected for necropsy comes from a litter in which it is the sole member of its sex, it will be saved for use in selecting the potential P_2 parental pool. A pup of the same sex as the pup retained preferentially then will be selected randomly for necropsy from another litter.

2. Many offspring will have passed Day 21 postpartum while waiting for results of discussions between the Sponsor and FDA, so these animals will have been exposed to test or control diet from weaning until necropsied, depending upon their dose group. Post-weaning F_{1b} offspring received P_1 maternal test (or control) diet until selected for necropsy or as the potential P_2 generation.

3. Following selection of offspring for necropsy, 1/sex/litter, where possible, will be selected from all dose groups in order to provide representation from each litter in the potential F_{1b} (P_2) parental pool. These animals will be selected by arbitrarily taking one male and one female offspring from each litter; if only one sex is present in a litter, only one offspring will be selected. Once this process is completed, additional animals will be selected randomly so that a maximum of 3/sex/litter will be chosen from Groups 1-3 to be considered for the F_{1b} (P_2) parental generation. Due to reduced availability of litters from Group 4, the resulting number of offspring available for selection is small. Therefore, all Group 4 offspring will be retained as the potential F_{1b} (P_2) parental pool following selection of 10 pups/sex for necropsy.

This action is being taken because only 16, 16, 17, and 13 litters remain in Groups 1, 2, 3, and 4, respectively. However, only 11 litters in Group 4 contain at least 1 male. As of 17-Apr-90, Group 1 has 75 male and 71 female offspring, while 77 males and 72 females are in Group 2. Group 3 has 79 male and 81 female offspring, while Group 4 has 48 males and 42 females. (While these offspring totals have not been audited as of this date, they have enough reliability to be used for purposes of this change in selection procedures.)

230-180

The number of F_{1b} (P_2) parents will be standardized from the potential parental pool at a maximum of 30/sex/group as described in the protocol.

While every effort will be made to avoid sibling pairings, it is likely that such a situation will arise in Group 4, due to the small number of offspring available for the potential F_{1b} (P_2) parental pool to produce the F_{2a} generation. Efforts to minimize sibling pairings will be undertaken following random sorting of mating pairs, including substitution of non-siblings whenever possible. The intent is to produce at least 20 F_{2a} litters while minimizing the contribution of any single F_{1b} litter, whether through multiple representation as P_2 parents or through sibling matings.

BKB:emb

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

Protocol Change Record

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Study Number: 236535 Revision Number 5

Date: 23-Apr-90

Page/Sec/Line	Previous Statement	Revised Statement	Justification
Page 12/ Postnatal Evaluations/ F_{1b} litters/ Paragraph 2	-----	See attached memo.	Clarification or procedures.

90TPR46
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Required Signature:

J. M. Ansell
Sponsor Representative*
GAF Corporation

Date

B. K. Beyer
Study Director
Exxon Biomedical Sciences, Inc.

23-Apr-90
Date

* In lieu of signature, a written statement from Sponsor Representative approving above changes may be attached or sent to Archivist at a later date.

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535
INTER-OFFICE CORRESPONDENCE

TO	DATE April 23, 1990
Study File 236535	REFERENCE
FROM B. K. Beyer 23 Apr-90	SUBJECT Selection of F_2 Parents

The number of F_{1b} (P_2) parents will be standardized at a maximum of 30/sex/group by the following method:

In order to provide representation from each F_{1b} litter, 1 sex/litter will be selected wherever possible, based on the lowest PIN/sex in each litter. The balance of F_{1b} (P_2) parents will be filled by random selection based on PIN of remaining animals and a table of random numbers in order to obtain 30/sex/group.

BKB:emb

230-180

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

Protocol Change Record

This record must be completed by the Study Director and approved by the Sponsor Representative* for all protocol changes made subsequent to initial protocol distribution.

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Study Number: 236535 Revision Number 6

Date: 23-Jul-90

Page/Sec/Line	Previous Statement	Revised Statement	Justification
Page 10/ Mating/ (continued)/ Paragraph 5	On day 18 of gestation, mated females will be placed in clean cages with a stainless steel litter pan and fresh bedding material will be provided. After day 18 of gestation, mated females will be examined at least twice daily for signs of parturition.	On Day 21 of gestation, mated females will be placed in clean cages with a stainless steel litter pan and fresh bedding material will be provided. After Day 21 of gestation, mated females will be examined at least twice daily for signs of parturition.	Change in lab procedures based upon experience with previous reproduction studies.

Required Signature:

J. M. Ansell
Sponsor Representative*
GAF Corporation

7/30/90
Date

B. K. Beyer
Study Director
Exxon Biomedical Sciences, Inc.

23-Jul-90
Date

* In lieu of signature, a written statement from Sponsor Representative approving above changes may be attached or sent to Archivist at a later date.

MULTI-GENERATION RAT REPRODUCTION
STUDY WITH MRD-89-365: 236535

Protocol Change Record

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Study Number: 236535 Revision Number 7

~~(Page 1 of 9)~~ BKB 6-Dec-90 Date: 22-Oct-90

Page/Sec/Line	Previous Statement	Revised Statement	Justification
Page 10/ Mating (continued)/ Paragraph 3/ Lines 10-11 (and Page 12/ F_2 litters)	This will be repeated after a further 7 days, allowing a total of 21 days to mate.	This will be repeated after a further 7 days. Following the initial 21 day mating period, females of those pairs exhibiting no positive signs of mating will be placed with males which had previously mated within the group, wherever possible. If enough previously mated males are not available for pairing, females will be paired with males of other unmated pairs chosen at random (by use of a reference number and a random numbers table) until a previously mated male becomes available or until the female is confirmed mated. In no case should the additional mating period exceed 7 days, allowing a total mating duration of 28 days for the second F_{2b} mating period.	Due to relatively poor mating performance in the high dose group, an additional week of mating for all groups was added. Use of "proven breeder" males in each group may help identify where the problem in mating lies with respect to Group 4.

Required Signature:

J. M. Ansell
Sponsor Representative*
GAF Corporation

11-19-90
Date

B. K. Beyer
Study Director
Exxon Biomedical Sciences, Inc.

22-Oct-90
Date

* In lieu of signature, a written statement from Sponsor Representative approving above changes may be attached or sent to Archivist at a later date.

1576

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

HISTOPATHOLOGY

SUBMITTED TO:

Bruce K. Beyer, Ph.D.
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East Millstone, NJ 08875-2350

SUBMITTED BY:

W. Ray Brown

W. Ray Brown, D.V.M., Ph.D.
Veterinary Pathologist

RESEARCH PATHOLOGY SERVICES, INC.
438 East Butler Avenue
New Britain, PA 18901
(215) 345-7070

February 6, 1991

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

HISTOPATHOLOGY

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MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

HISTOPATHOLOGY

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MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

HISTOPATHOLOGY

METHOD

Microscopic examination was made of the specified tissues from adult male and female Crl:CD BR (Sprague-Dawley) VAF/Plus rats of the P1 and F1b generations from a multi-generation reproduction study on MRD-89-365. The dose group identification, dietary concentrations of MRD-89-365 and number of rats examined are shown below.

Dose Group	Dosage Level (mg/kg*)	Number of Rats per Group P1	F1b
1	0 (Control)	30M,30F	30M,30F
2	50	30M,30F	30M,30F
3	160	30M,30F	30M,30F
4	500	30M,30F	30M,30F

*mg/kg body weight

The necropsy examinations and recording of the gross observations were performed by Exxon Biomedical Sciences, Inc. At necropsy, the tissues were collected and placed in 10% neutral buffered formalin. The tissue processing, microscopic slide preparation (hematoxylin- and eosin-stained sections) and histomorphologic evaluation of the tissues specified for microscopic examination were performed by Research Pathology Services, Inc.

The reproductive organs (testes, epididymides, prostate and seminal vesicles or ovaries, uterus and vagina) were examined microscopically from all male and female rats of Group 1 and Group 4 from both the P1 and F1b

METHOD (Continued)

generations. In addition, microscopic examination was made of the ovaries and uterus from the F1b generation female rats of Groups 2 and 3, as well as other tissues with gross changes from rats of both generations.

158-1

RESULTS

The type and incidence of histomorphologic observations in the P1 and F1b generation adult rats are listed in Tables 1 and 2, respectively. The individual histomorphologic observations for each adult rat are presented in tabular form in Appendices I and II for the P1 and F1b generations, respectively. A key to the histomorphologic observations precedes Tables I-1 and II-1, respectively. The gross observations, detailed descriptions of the histomorphologic observations and a correlation of the gross and microscopic findings, when applicable, are contained in Appendices III (P1 generation) and IV (F1b generation).

P1 Generation Rats (Table 1, Appendices I and III):

No treatment-related microscopic changes were seen in any of the male and female P1 generation rats given 500 mg/kg of MRD-89-365.

The most common microscopic change observed was accumulations of macrophages containing a yellow-brown pigment (hemosiderin) in the wall of the uterus, particularly near the broad ligament. These macrophages occur at the locations of previous implantation sites. The incidence of female rats with these pigmented macrophages was similar between the control and high dose group. Also, the histomorphology of the ovaries was comparable between these two groups.

All other microscopic changes were typical of those that occur spontaneously in laboratory rats of this strain and age.

F1b Generation Rats (Table 2, Appendices II and IV):

Microscopic changes considered to be compound-related were observed in the high dose female rats. There was a decreased incidence of high dose female rats with pigmented macrophages in the wall of the uterus and in the broad ligament, as compared to the control, low and mid dose groups (Table 2). These macrophage accumulations usually occur at previous implantation sites. Also, there was variability in the size of the ovaries of rats of the various dosage groups. This variability in size generally was associated with the amount of normal corpora lutea. An increased number of high dose female rats had small ovaries due to a decrease in the number and size of the corpora lutea. These ovaries generally were comprised of small follicles and were otherwise histologically normal.

No treatment-related microscopic changes were observed in any of the tissues, including the ovaries or uterus, of the low and mid dosage group female rats. There were no treatment-related changes in the reproductive organs of the high dose F1b male rats.

Diffuse bilateral testicular atrophy was observed in one mid dose and three high dose male rats and in none of the control male rats of the F1b generation. Diffuse bilateral testicular atrophy does occasionally

occur spontaneously in mature male rats and was present in one control P1 generation male rat (Table 1). This low incidence of testicular atrophy in the F1b generation rats was not considered to be compound-related.

The most common gross and microscopic changes were seen in the kidneys of rats of both generations and they occurred sporadically throughout the groups (Appendices III and IV, Tables 1 and 2). At necropsy, the pelvis of a few rats of the various groups were observed to be dilated and this was confirmed microscopically. Other changes seen microscopically in the kidneys included cysts in the cortex, cortical tubular dilatation, chronic glomerulonephritis, pelvic mineralization, hyperplasia of the papillary and pelvic epithelium, focal chronic nephritis, microcalculi, hemorrhage or inflammation (pyelonephritis) in the pelvic area. The F1b generation rats with the pyelonephritis also had hyperplastic cystitis and two of these rats had microcalculi in the kidneys and/or urinary bladder. None of these renal changes were considered to be treatment-related.

There were a few other miscellaneous gross and microscopic changes in the tissues specified for examination and these were typical of those which occur spontaneously in laboratory male and female rats of this strain and age. These changes also are listed and summarized in the attached histomorphology tables.

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

HISTOPATHOLOGY

SUMMARY

Microscopic examination was made of the specified tissues from adult male and female rats of the P1 and F1b generations given 0 (Control), 50, 160 or 500 mg/kg of MRD-89-365, in the diet, in a multi-generation reproduction study.

No treatment-related microscopic changes were observed in the reproductive organs or any of the other tissues with gross changes of male and female P1 generation rats given 500 mg/kg of MRD-89-365.

Microscopic changes considered to be related to treatment were seen in the ovaries and uterus of female rats of the F1b generation given 500 mg/kg of MRD-89-365. These treatement-related effects consisted of a decreased number of high dose female rats with pigmented macrophages in the wall of the uterus. These pigmented macrophages are normal occurring cells in the uterus of postpartum rats and are usually present at previous implantation sites. Associated with this uterine change were an increased number of high dose female rats with a decreased amount of corpora lutea in the ovaries. These ovaries contained variable numbers of small follicles. Microscopically, the uterus and ovaries of the low and mid dose female rats were comparable to the controls. Also, there were no treatment-related microscopic changes in the male F1b generation rats at any of the dosage levels of MRD-89-365.

All other gross and microscopic changes observed in the P1 and F1b generation rats were considered to have occurred spontaneously and to be unrelated to treatment. The type and incidence of these changes were not considered to have been influenced by compound administration.

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

HISTOPATHOLOGY

QUALITY ASSURANCE UNIT STATEMENT

All aspects of the tissue processing and microscopic slide preparation, histopathologic evaluation and report preparation for the histopathology segment of the study listed above have been performed according to the Standard Operating Procedures of Research Pathology Services, Inc. and were audited in accordance with the procedures established by the Quality Assurance Unit of Research Pathology Services, Inc. in compliance with the "Good Laboratory Practice for Nonclinical Laboratory Studies" regulations (21 CFR 58).

Quality Assurance inspections were performed on 08/20/90, 08/21/90, 08/30/90, 09/04/90, 09/05/90, 09/17/90, 11/29/90, 12/05/90, 01/31/91, 02/01/91, 02/04/91, 02/05/91, and 02/06/91.

Kathleen E. Beidler
Kathleen E. Beidler
Quality Assurance Unit

2-6-91
Date

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE 1

Incidence of Histomorphologic Observations - P1 Generation

Dose Group:	1	3	4	1	2	3	4
Sex:	M	M	M	F	F	F	F
Number of Animals/Group:	30	3	30	30	7	13	30
TESTES:							
NO. EXAMINED	30	0	30				
NO. NORMAL	28	0	27				
-atrophy, diffuse, bilateral	1	0	1				
-atrophy, diffuse, unilateral	1	0	1				
-atrophy, unilateral, focal	0	0	1				
EPIDIDYMIDES:							
NO. EXAMINED	30	0	30				
NO. NORMAL	28	0	28				
-hypospermia	2	0	1				
-infiltration, mononuclear-cell, focal	0	0	1				
SEMINAL VESICLES:							
NO. EXAMINED	30	0	30				
NO. NORMAL	30	0	30				
PROSTATE:							
NO. EXAMINED	30	0	30				
NO. NORMAL	23	0	24				
-atrophy	2	0	1				
-prostatitis, interstitial, chronic	6	0	5				
OVARIES:							
NO. EXAMINED				30	0	1	30
NO. NORMAL				23	0	0	22
-cyst(s), intraovarian				2	0	0	2
-cyst(s), oviduct				1	0	0	0
-cystic bursa(e)				0	0	1	0
-decreased corpora lutea				5	0	0	6
UTERUS:							
NO. EXAMINED				30	0	2	30
NO. NORMAL				8	0	0	7
-distention, lumen				9	0	0	9
-endometritis, chronic				0	0	1	0
-fetus, necrotic				0	0	1	0
-macrophages, pigmented				19	0	0	18
-proliferation, vascular, focal				0	0	1	0
VAGINA:							
NO. EXAMINED				30	0	1	30
NO. NORMAL				23	0	0	23
-vaginitis, chronic				7	0	1	7
EAR(S):							
NO. EXAMINED	2	1	1	1	3	1	1
NO. NORMAL	0	0	0	0	0	0	0
-chondritis, auricular	2	1	1	1	3	1	1
KIDNEYS:							
NO. EXAMINED	1	1	0	0	2	5	1
NO. NORMAL	0	0	0	0	0	0	0
-dilatation, pelvis	1	1	0	0	2	5	1
-glomerulonephritis, chronic	1	0	0	0	0	0	0

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE 1 (Continued)

Incidence of Histomorphologic Observations - P1 Generation

Dose Group:	1	3	4	1	2	3	4
Sex:	M	M	M	F	F	F	F
Number of Animals/Group:	30	3	30	30	7	13	30
KIDNEYS (Continued):							
-pyelonephritis	0	1	0	0	0	1	0
LIVER:							
NO. EXAMINED	0	0	0	0	1	0	0
NO. NORMAL	0	0	0	0	0	0	0
-accessory liver lobe	0	0	0	0	1	0	0
-infiltration, mononuclear-cell, multifocal	0	0	0	0	1	0	0
LYMPH NODE, CERVICAL:							
NO. EXAMINED	0	1	0	0	2	4	0
NO. NORMAL	0	0	0	0	0	0	0
-congestion	0	0	0	0	0	1	0
-hyperplasia, lymphoid	0	1	0	0	2	3	0
MAMMARY GLAND:							
NO. EXAMINED	0	0	0	0	0	1	1
NO. NORMAL	0	0	0	0	0	0	0
-adenocarcinoma	0	0	0	0	0	1	0
-galactocele(s)	0	0	0	0	0	0	1
SKIN (GROSS LESION):							
NO. EXAMINED	1	0	0	0	0	0	0
NO. NORMAL	0	0	0	0	0	0	0
-sarcoma, undifferentiated	1	0	0	0	0	0	0
STOMACH:							
NO. EXAMINED	0	0	1	0	0	0	0
NO. NORMAL	0	0	0	0	0	0	0
-cyst(s), keratinous	0	0	1	0	0	0	0
THYMUS:							
NO. EXAMINED	0	0	0	0	0	1	0
NO. NORMAL	0	0	0	0	0	0	0
-congestion	0	0	0	0	0	1	0
URINARY BLADDER:							
NO. EXAMINED	0	0	2	0	0	0	0
NO. NORMAL	0	0	1	0	0	0	0
-cystitis, hyperplastic	0	0	1	0	0	0	0
-microcalculi	0	0	1	0	0	0	0
-mineralization, focal	0	0	1	0	0	0	0
PREPUTIAL GLAND:							
NO. EXAMINED	0	0	1				
NO. NORMAL	0	0	0				
-abscess	0	0	1				

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE 2

Incidence of Histomorphologic Observations - F1b Generation

Dose Group:	1	2	3	4	1	2	3	4
Sex:	M	M	M	M	F	F	F	F
Number of Animals/Group:	30	6	3	30	30	30	30	30
TESTES:								
NO. EXAMINED	30	1	2	30				
NO. NORMAL	27	0	0	26				
-atrophy, diffuse, bilateral	0	0	1	3				
-atrophy, diffuse, unilateral	0	1	1	0				
-atrophy, unilateral, focal	2	0	0	0				
-infiltration, mononuclear-cell, focal	1	0	0	0				
-multinucleated giant cells, unilateral, focal	0	0	0	1				
EPIDIDYMIDES:								
NO. EXAMINED	30	0	0	30				
NO. NORMAL	29	0	0	26				
-hypospermia	0	0	0	3				
-infiltration, mononuclear-cell, focal	1	0	0	1				
SEMINAL VESICLES:								
NO. EXAMINED	30	0	0	30				
NO. NORMAL	30	0	0	30				
PROSTATE:								
NO. EXAMINED	30	0	0	30				
NO. NORMAL	25	0	0	27				
-prostatitis, interstitial, chronic	5	0	0	2				
-prostatitis, suppurative	0	0	0	1				
OVARIES:								
NO. EXAMINED					29	30	30	30
NO. NORMAL					27	25	25	12
-cyst(s), intraovarian					1	1	0	1
-cystic bursa(e)					0	1	0	0
-decreased corpora lutea					1	3	5	17
UTERUS:								
NO. EXAMINED					29	30	30	30
NO. NORMAL					5	8	9	12
-cystic endometrial gland(s)					0	0	0	1
-dilatation, endometrial gland(s)					0	0	0	2
-distention, lumen					4	7	7	10
-macrophages, pigmented					24	18	19	11
-polyp, endometrial					0	0	1	0
VAGINA:								
NO. EXAMINED					29	0	0	30
NO. NORMAL					27	0	0	29
-vaginitis, chronic					2	0	0	1
ABDOMINAL WALL:								
NO. EXAMINED	0	0	0	2	0	0	0	0
NO. NORMAL	0	0	0	0	0	0	0	0
-hernia	0	0	0	2	0	0	0	0
ADRENAL GLANDS:								
NO. EXAMINED	0	0	0	0	0	0	1	0
NO. NORMAL	0	0	0	0	0	0	0	0
-congestion	0	0	0	0	0	0	1	0

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE 2 (Continued)

Incidence of Histomorphologic Observations - F1b Generation

Dose Group:	1	2	3	4	1	2	3	4
Sex:	M	M	M	M	F	F	F	F
Number of Animals/Group:	30	6	3	30	30	30	30	30
EYES:								
NO. EXAMINED	0	0	0	0	0	0	0	1
NO. NORMAL	0	0	0	0	0	0	0	1
KIDNEYS:								
NO. EXAMINED	1	3	1	1	4	1	2	2
NO. NORMAL	0	0	0	0	0	0	0	0
-cyst(s), cortex	0	0	0	0	0	0	0	1
-dilatation, cortical tubules	0	1	1	0	0	1	0	1
-dilatation, pelvis	1	3	1	0	4	1	1	1
-glomerulonephritis, chronic	1	0	0	0	0	0	0	0
-hemorrhage, pelvic cavity	0	0	0	0	0	0	1	0
-hyperplasia, papillary/pelvic epithelium	0	1	0	0	0	0	0	0
-microcalculi	0	0	0	0	1	0	0	0
-mineralization, pelvic	0	1	0	0	0	0	0	0
-nephritis, chronic, focal	0	1	1	0	0	0	0	0
-pyelonephritis	0	0	0	0	1	0	1	0
-pyelonephritis, bacterial	0	0	0	1	0	0	0	0
SKIN (GROSS LESION):								
NO. EXAMINED	0	1	0	0	0	0	0	0
NO. NORMAL	0	0	0	0	0	0	0	0
-abscess	0	1	0	0	0	0	0	0
STOMACH:								
NO. EXAMINED	0	1	0	0	0	0	0	0
NO. NORMAL	0	0	0	0	0	0	0	0
-hyperplasia/hyperkeratosis, limiting ridge	0	1	0	0	0	0	0	0
URINARY BLADDER:								
NO. EXAMINED	0	0	1	1	1	0	1	0
NO. NORMAL	0	0	0	0	0	0	0	0
-cast, eosinophilic	0	0	1	0	0	0	0	0
-cystitis, hyperplastic	0	0	0	1	1	0	1	0
-microcalculi	0	0	0	1	1	0	0	0

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

HISTOPATHOLOGY

APPENDIX I

HISTOMORPHOLOGIC OBSERVATIONS - P1 GENERATION

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

HISTOPATHOLOGY

KEY TO HISTOMORPHOLOGIC OBSERVATIONS

-	=	No change (not remarkable, within normal histologic limits or indicated change not present).
*	=	Tissue not available (specified tissue missing, insufficient tissue in plane of section, artifact precludes evaluation, or specified tissue not present in section).
< >	=	Microscopic finding(s) in tissue(s) with gross observation(s).
<->	=	Within normal limits [no microscopic change(s) to correlate with the gross observation(s)].
P	=	Indicated change or lesion present.
1	=	Minimal degree or amount of indicated change or lesion.
2	=	Slight degree or amount of indicated change or lesion.
3	=	Moderate degree or amount of indicated change or lesion.
4	=	Marked degree or amount of indicated change or lesion.
XM	=	Primary malignant neoplasm present.
SS	=	Scheduled Sacrifice
SD	=	Spontaneous Death

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE I-1

Histomorphologic Observations - P1 Generation

Dose Group:	1	1	1	1	1	1	1	1	1	1
Animal Number (HCG):	071	073	074	082	084	086	089	093	099	105
Sex:	M	M	M	M	M	M	M	M	M	M
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TESTES:										
-atrophy, diffuse, unilateral	-	-	4	-	-	-	-	-	-	-
EPIDIDYMIDES:										
-hypospermia	-	-	4	-	-	-	-	-	-	-
SEMINAL VESICLES:	-	-	-	-	-	-	-	-	-	-
PROSTATE:										
-prostatitis, interstitial, chronic	-	-	-	-	1	-	-	-	-	1
EAR(S):										
-chondritis, auricular									<4>	<4>
SKIN (GROSS LESION):										
-sarcoma, undifferentiated						<XM>				

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE I-1 (Continued)

Histomorphologic Observations - P1 Generation

Dose Group:	1	1	1	1	1	1	1	1	1	1
Animal Number (HCG):	109	115	118	127	129	131	133	140	142	143
Sex:	M	M	M	M	M	M	M	M	M	M
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TESTES:	-	-	-	-	-	-	-	-	-	-
EPIDIDYMIDES:	-	-	-	-	-	-	-	-	-	-
SEMINAL VESICLES:	-	-	-	-	-	-	-	-	-	-
PROSTATE:										
-atrophy	-	-	-	-	-	3	-	-	-	-
-prostatitis, interstitial, chronic	2	-	-	-	-	2	-	-	2	1
KIDNEYS:										
-dilatation, pelvis				<3>						
-glomerulonephritis, chronic				<3>						

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE I-1 (Continued)

Histomorphologic Observations - P1 Generation

Dose Group:	1	1	1	1	1	1	1	1	1	1
Animal Number (HCG):	153	156	158	160	166	169	178	192	196	198
Sex:	M	M	M	M	M	M	M	M	M	M
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TESTES:										
-atrophy, diffuse, bilateral	<4>	-	-	-	-	-	-	-	-	-
EPIDIDYMIDES:										
-hypospermia	4	-	-	-	-	-	-	-	-	-
SEMINAL VESICLES:	-	-	-	-	-	-	-	-	-	-
PROSTATE:										
-atrophy	-	-	-	-	-	-	3	-	-	-

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE I-2

Histomorphologic Observations - P1 Generation

Dose Group:	3	3	3
Animal Number (HCG):	163	165	173
Sex:	M	M	M
Death Type:	SS	SS	SS
EAR(S):			
-chondritis, auricular	<4>		
KIDNEYS:			
-dilatation, pelvis		<3>	
-pyelonephritis		<3>	
LYMPH NODE, CERVICAL:			
-hyperplasia, lymphoid			<3>

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE I-3

Histomorphologic Observations - P1 Generation

Dose Group:	4	4	4	4	4	4	4	4	4	4
Animal Number (HCG):	072	078	079	091	094	096	101	104	108	110
Sex:	M	M	M	M	M	M	M	M	M	M
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TESTES:	-	-	-	-	-	-	-	-	-	-
EPIDIDYMIDES:	-	-	-	-	-	-	-	-	-	-
SEMINAL VESICLES:	-	-	-	-	-	-	-	-	-	-
PROSTATE:										
-prostatitis, interstitial, chronic	-	-	-	-	-	1	1	-	-	-
URINARY BLADDER:		<*>							<->	

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE I-3 (Continued)

Histomorphologic Observations - P1 Generation

Dose Group:	4	4	4	4	4	4	4	4	4	4
Animal Number (HCG):	114	123	126	130	135	139	144	147	148	149
Sex:	M	M	M	M	M	M	M	M	M	M
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SD
TESTES:	-	-	-	-	-	-	-	-	-	-
EPIDIDYMIDES:										
-infiltration, mononuclear-cell, focal	-	1	-	-	-	-	-	-	-	-
SEMINAL VESICLES:	-	-	-	-	-	-	<->	-	-	-
PROSTATE:										
-prostatitis, interstitial, chronic	-	-	-	-	-	-	3	1	-	-
EAR(S):										
-chondritis, auricular						<3>				
EYES:										<*>
LUNG:										<*>
LYMPH NODE, CERVICAL:										<*>
PALATE:										<*>
STOMACH:										
-cyst(s), keratinous										<P>
URINARY BLADDER:										
-cystitis, hyperplastic							<4>			
-microcalculi							<P>			
-mineralization, focal							<3>			
PENIS:										<*>

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE I-3 (Continued)

Histomorphologic Observations - P1 Generation

Dose Group:	4	4	4	4	4	4	4	4	4	4
Animal Number (HCG):	155	157	161	170	174	175	182	185	191	195
Sex:	M	M	M	M	M	M	M	M	M	M
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TESTES:										
-atrophy, diffuse, bilateral	-	-	-	-	<2>	-	-	-	-	-
-atrophy, diffuse, unilateral	-	-	-	<3>	-	-	-	-	-	-
-atrophy, unilateral, focal	-	-	1	-	-	-	-	-	-	-
EPIDIDYMIDES:										
-hypospermia	-	-	-	-	4	-	-	-	-	-
SEMINAL VESICLES:	-	-	-	-	-	-	-	-	-	-
PROSTATE:										
-atrophy	-	-	-	-	3	-	-	-	-	-
-prostatitis, interstitial, chronic	-	-	-	-	-	-	1	-	-	-
PREPUTIAL GLAND:										
-abscess				<P>						

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE I-4

Histomorphologic Observations - P1 Generation

Dose Group:	1	1	1	1	1	1	1	1	1	1
Animal Number (HCG):	207	218	219	222	224	229	235	236	237	247
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-cyst(s), intraovarian	-	-	-	-	-	-	-	-	-	P
-cyst(s), oviduct	-	-	-	-	-	-	-	P	-	-
-decreased corpora lutea	-	-	-	-	P	-	-	P	-	-
UTERUS:										
-distention, lumen	-	-	-	-	-	-	-	-	-	2
-macrophages, pigmented	2	3	3	2	-	-	-	-	1	-
VAGINA:										
-vaginitis, chronic	3	-	1	-	-	-	-	3	-	-
EAR(S):										
-chondritis, auricular					<4>					

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE I-4 (Continued)

Histomorphologic Observations - P1 Generation

Dose Group:	1	1	1	1	1	1	1	1	1	1
Animal Number (HCG):	250	251	256	261	267	271	272	274	280	281
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-decreased corpora lutea	-	-	-	P	-	-	P	-	-	P
UTERUS:										
-distention, lumen	-	4	-	3	-	-	-	2	1	-
-macrophages, pigmented	3	3	3	2	-	2	2	-	2	-
VAGINA:										
-vaginitis, chronic	-	-	3	-	-	1	-	-	-	1

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE I-4 (Continued)

Histomorphologic Observations - P1 Generation

Dose Group:	1	1	1	1	1	1	1	1	1	1
Animal Number (HCG):	286	287	297	308	313	319	321	322	336	338
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-cyst(s), intraovarian	-	-	-	-	P	-	-	-	-	-
UTERUS:										
-distention, lumen	-	-	-	-	3	3	-	2	-	3
-macrophages, pigmented	2	2	2	-	2	-	2	3	-	2
VAGINA:										
-vaginitis, chronic	-	-	-	2	-	-	-	-	-	-

MULTI-GENERATION RAT REPRODUCTION STUDY WITH HRD-89-365
STUDY NUMBER 236535

TABLE I-5

Histomorphologic Observations - P1 Generation

Dose Group:	2	2	2	2	2	2	2
Animal Number (HCG):	208	231	243	257	264	269	283
Sex:	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS
EAR(S):							
-chondritis, auricular	<4>	<4>			<4>		
KIDNEYS:							
-dilatation, pelvis			<3>				<3>
LIVER:							
-accessory liver lobe				<P>			
-infiltration, mononuclear-cell, multifocal				<2>			
LYMPH NODE, CERVICAL:							
-hyperplasia, lymphoid				<2>		<2>	
SKIN (GROSS LESION):	<*>						

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE I-6

Histomorphologic Observations - P1 ion

Dose Group:	3	3	3	3	3	3	3	3	3	3	3	3	3
Animal Number (HCG):	217	225	238	240	258	275	276	302	304	317	323	330	335
Sex:	F	F	F	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:													
-cystic bursa(e)									<P>				
UTERUS:													
-endometritis, chronic					-						<2>		
-fetus, necrotic					<P>						-		
-proliferation, vascular, focal					-						<3>		
VAGINA:													
-vaginitis, chronic		<1>											
EAR(S):													
-chondritis, auricular				<4>									
KIDNEYS:													
-dilatation, pelvis	<2>		<2>			<1>							<3>
-pyelonephritis	-		<3>			-							-
LYMPH NODE, CERVICAL:													
-congestion	-						-			-		<1>	
-hyperplasia, lymphoid	<3>						<3>			<3>		-	
MAMMARY GLAND:													
-adenocarcinoma	<XM>												
SKIN (GROSS LESION):					<*>			<*>	<*>				
THYMUS:													
-congestion	<3>												

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE I-7

Histomorphologic Observations - P1 Generation

Dose Group:	4	4	4	4	4	4	4	4	4	4
Animal Number (HCG):	209	210	211	213	226	227	230	248	252	253
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-decreased corpora lutea	-	-	-	-	-	-	P	-	-	P
UTERUS:										
-distention, lumen	3	-	3	-	-	3	-	3	-	1
-macrophages, pigmented	-	2	2	-	-	-	1	-	2	-
VAGINA:										
-vaginitis, chronic	-	-	-	1	-	1	1	-	-	-

TABLE I-7 (Continued)

Histomorphologic Observations - P1 Generation

Dose Group:	4	4	4	4	4	4	4	4	4	4
Animal Number (HCG):	255	259	262	266	268	270	273	284	288	292
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-cyst(s), intraovarian	-	-	-	-	-	-	P	-	-	-
-decreased corpora lutea	P	P	-	P	-	-	-	-	-	-
UTERUS:										
-distention, lumen	2	-	-	-	-	-	-	-	-	-
-macrophages, pigmented	2	-	-	3	-	1	3	-	1	2
VAGINA:										
-vaginitis, chronic	-	-	-	2	1	-	-	-	-	-
KIDNEYS:										
-dilatation, pelvis						<2>				
MAMMARY GLAND:										
-galactocele(s)								<P>		

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE I-7 (Continued)

Histomorphologic Observations - P1 Generation

Dose Group:	4	4	4	4	4	4	4	4	4	4
Animal Number (HCG).	293	294	299	300	306	309	312	315	320	337
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-cyst(s), intraovarian	-	-	-	-	-	-	-	P	-	-
-decreased corpora lutea	-	-	-	-	P	-	-	-	-	-
UTERUS:										
-distention, lumen	3	-	-	-	-	-	2	-	-	2
-macrophages, pigmented	2	1	3	1	-	3	1	3	2	-
VAGINA:										
-vaginitis, chronic	-	3	-	-	-	2	-	-	-	-
EAR(S):										
-chondritis, auricular					<4>					

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

HISTOPATHOLOGY

APPENDIX II

HISTOMORPHOLOGIC OBSERVATIONS - F1b GENERATION

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

HISTOPATHOLOGY

KEY TO HISTOMORPHOLOGIC OBSERVATIONS

- = No change (not remarkable, within normal histologic limits or indicated change not present).

* = Tissue not available (specified tissue missing, insufficient tissue in plane of section, artifact precludes evaluation, or specified tissue not present in section).

< > = Microscopic finding(s) in tissue(s) with gross observation(s).

<-> = Within normal limits [no microscopic change(s) to correlate with the gross observation(s)].

( ) = Only one of a required pair of organs available for evaluation.

P = Indicated change or lesion present.

1 = Minimal degree or amount of indicated change or lesion.

2 = Slight degree or amount of indicated change or lesion.

3 = Moderate degree or amount of indicated change or lesion.

4 = Marked degree or amount of indicated change or lesion.

XB = Primary benign neoplasm present.

SS = Scheduled Sacrifice

SD = Spontaneous Death

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-1

Histomorphologic Observations - F1b Generation

Dose Group:	1	1	1	1	1	1	1	1	1	1
Animal Number (JA8):	001	002	051	052	053	055	058	059	060	141
Sex:	M	M	M	M	M	M	M	M	M	M
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TESTES:										
-atrophy, unilateral, focal	-	2	-	-	-	1	-	-	-	-
EPIDIDYMIDES:	-	-	-	-	-	-	-	-	-	-
SEMINAL VESICLES:	-	-	-	-	-	-	-	-	-	-
PROSTATE:	-	-	-	-	-	-	-	-	-	-

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-1 (Continued)

Histomorphologic Observations - F1b Generation

Dose Group:	1	1	1	1	1	1	1	1	1	1
Animal Number (JAB):	143	144	145	146	147	149	152	154	155	156
Sex:	M	M	M	M	M	M	M	M	M	M
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TESTES:										
-infiltration, mononuclear-cell, focal	-	-	-	-	-	-	1	-	-	-
EPIDIDYMIDES:	-	-	-	-	-	-	-	-	-	-
SEMINAL VESICLES:	-	-	-	-	-	-	-	-	-	-
PROSTATE:										
-prostatitis, interstitial, chronic	-	-	-	1	-	2	-	2	-	1

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-1 (Continued)

Histomorphologic Observations - F1b Generation

Dose Group:	1	1	1	1	1	1	1	1	1	1
Animal Number (JAB):	158	160	161	162	164	166	167	168	170	172
Sex:	M	M	M	M	M	M	M	M	M	M
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TESTES:	-	-	-	-	-	-	-	-	-	-
EPIDIDYMIDES:										
-infiltration, mononuclear-cell, focal	-	-	1	-	-	-	-	-	-	-
SEMINAL VESICLES:	-	-	-	-	-	-	-	-	-	-
PROSTATE:										
-prostatitis, interstitial, chronic	-	-	-	1	-	-	-	-	-	-
KIDNEYS:										
-dilatation, pelvis				<2>						
-glomerulonephritis, chronic				<2>						

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-2

Histomorphologic Observations - F1b Generation

Dose Group:	2	2	2	2	2	2
Animal Number (JAB):	009	173	174	177	181	196
Sex:	M	M	M	M	M	M
Death Type:	SS	SS	SS	SS	SS	SS
TESTES:						
-atrophy, diffuse, unilateral	<4>					
KIDNEYS:						
-dilatation, cortical tubules			-		-	<1>
-dilatation, pelvis			<2>		<3>	<2>
-hyperplasia, papillary/pelvic epithelium			<1>		-	-
-mineralization, pelvic			<1>		-	-
-nephritis, chronic, focal			-		<2>	-
SKIN (GROSS LESION):						
-abscess			<P>			
STOMACH:						
-hyperplasia/hyperkeratosis, limiting ridge				<2>		

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-3

Histomorphologic Observations - F1b Generation

Dose Group:	3	3	3
Animal Number (JAB):	014	214	215
Sex:	M	M	M
Death Type:	SS	SS	SS
TESTES:			
-atrophy, diffuse, bilateral	-	<4>	
-atrophy, diffuse, unilateral	<4>	-	
KIDNEYS:			
-dilatation, cortical tubules			<2>
-dilatation, pelvis			<3>
-nephritis, chronic, focal			<2>
URINARY BLADDER:			
-cast, eosinophilic			<P>

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
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TABLE II-4

Histomorphologic Observations - F1b Generation

Dose Group:	4	4	4	4	4	4	4	4	4	4
Animal Number (JAB):	016	017	018	019	021	022	024	025	091	092
Sex:	M	M	M	M	M	M	M	M	M	M
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TESTES:										
-atrophy, diffuse, bilateral	<->	-	-	-	-	<->	<->	<->	<3>	<4>
EPIDIDYMIDES:										
-hypospermia	-	-	-	-	-	-	-	-	4	4
-infiltration, mononuclear-cell, focal	-	-	-	-	-	-	-	1	-	-
SEMINAL VESICLES:	-	-	-	-	-	-	-	-	-	-
PROSTATE:										
-prostatitis, interstitial, chronic	-	-	-	-	-	-	-	1	-	-
ABDOMINAL WALL:										
-hernia								<P>		

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-4 (Continued)

Histomorphologic Observations - F1b Generation

Dose Group:	4	4	4	4	4	4	4	4	4	4
Animal Number (JAB):	093	223	224	225	227	228	229	230	231	232
Sex:	M	M	M	M	M	M	M	M	M	M
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
TESTES:										
-atrophy, diffuse, bilateral	-	<4>	-	-	-	<->	-	-	-	<->
-multinucleated giant cells, unilateral, focal	-	-	-	<1>	-	<->	-	-	-	<->
EPIDIDYMIDES:										
-hypospermia	-	4	-	-	-	-	-	-	-	-
SEMINAL VESICLES:	-	-	-	-	-	<->	-	-	-	-
PROSTATE:	-	-	-	-	-	<->	-	-	-	-
ABDOMINAL WALL:										
-hernia		<P>								

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-4 (Continued)

Histomorphologic Observations - F1b Generation

Dose Group:	4	4	4	4	4	4	4	4	4	4
Animal Number (JAB):	233	234	235	236	237	238	239	240	241	242
Sex:	M	M	M	M	M	M	M	M	M	M
Death Type:	SS	SS	SS	SD	SS	SS	SS	SS	SS	SS
TESTES:	-	<->	-	-	-	-	-	-	-	-
EPIDIDYMIDES:	-	-	-	-	-	-	-	-	-	-
SEMINAL VESICLES:	-	-	-	-	-	-	-	-	-	-
PROSTATE:										
-prostatitis, interstitial, chronic	-	-	1	-	-	-	-	-	-	-
-prostatitis, suppurative	-	-	-	3	-	-	-	-	-	-
KIDNEYS:										
-pyelonephritis, bacterial				<4>						
URINARY BLADDER:										
-cystitis, hyperplastic				<4>						
-microcalculi				<P>						

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
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TABLE II-5

Histomorphologic Observations - F1b Generation

Dose Group:	1	1	1	1	1	1	1	1	1	1
Animal Number (JAB):	026	028	095	097	098	100	101	102	245	246
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:	-	-	-	-	-	-	-	-	-	-
UTERUS:										
-macrophages, pigmented	2	1	-	3	1	3	1	2	3	-
VAGINA:										
-vaginitis, chronic	-	-	-	-	-	-	-	1	-	-
KIDNEYS:										
-dilatation, pelvis						<3>		<3>		

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-5 (Continued)

Histomorphologic Observations - F1b Generation

Dose Group:	1	1	1	1	1	1	1	1	1	1
Animal Number (JAB):	248	249	251	252	253	254	255	256	257	260
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-decreased corpora lutea	P	-	-	-	-	-	-	-	-	-
UTERUS:										
-distention, lumen	1	-	-	-	-	-	-	-	-	3
-macrophages, pigmented	1	1	3	3	1	1	2	-	3	1
VAGINA:										
-vaginitis, chronic	-	2	-	-	-	-	-	-	-	-
KIDNEYS:										
-dilatation, pelvis					<3>					
-microcalculi					<P>					
-pyelonephritis					<4>					
URINARY BLADDER:										
-cystitis, hyperplastic					<4>					
-microcalculi					<P>					

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-5 (Continued)

Histomorphologic Observations - F1b Generation

Dose Group:	1	1	1	1	1	1	1	1	1	1
Animal Number (JAB):	262	263	264	266	267	269	270	271	273	275
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SD	SS	SS
OVARIES:										
-cyst(s), intraovarian	-	-	-	-	P	-	-	*	-	-
UTERUS:										
-distention, lumen	3	-	-	2	-	-	-	*	-	-
-macrophages, pigmented	3	-	1	3	1	3	1	*	2	-
VAGINA:	-	-	-	-	-	-	-	*	-	-
KIDNEYS:										
-dilatation, pelvis					<3>					

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-6

Histomorphologic Observations - F1b Generation

Dose Group:	2	2	2	2	2	2	2	2	2	2
Animal Number (JAB):	029	032	034	035	037	104	105	106	107	276
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-decreased corpora lutea	-	-	-	-	-	-	-	-	-	<p>
UTERUS:										
-distention, lumen	-	3	-	-	-	-	1	-	-	-
-macrophages, pigmented	1	3	-	3	1	3	3	3	2	-

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-6 (Continued)

Histomorphologic Observations - F1b Generation

Dose Group:	2	2	2	2	2	2	2	2	2	2
Animal Number (JAB):	277	278	279	281	282	285	288	289	290	291
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-cyst(s), intraovarian	-	-	-	-	-	-	-	-	-	P
-decreased corpora lutea	-	-	-	P	-	-	-	-	-	-
UTERUS:										
-distention, lumen	-	-	-	1	-	-	-	3	-	-
-macrophages, pigmented	-	3	3	-	-	2	1	-	-	-
KIDNEYS:										
-dilatation, cortical tubules						<2>				
-dilatation, pelvis						<3>				

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-6 (Continued)

Histomorphologic Observations - F1b Generation

Dose Group:	2	2	2	2	2	2	2	2	2	2
Animal Number (JAB):	292	293	295	297	298	299	300	347	348	349
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-cystic bursa(e)	<P>	-	-	-	-	-	-	-	-	-
-decreased corpora lutea	-	-	-	-	P	-	-	-	-	-
UTERUS:										
-distention, lumen	-	<3>	-	-	1	-	3	-	-	-
-macrophages, pigmented	2	<2>	3	1	-	-	-	1	1	-

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MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-7

Histomorphologic Observations - F1b Generation

Dose Group:	3	3	3	3	3	3	3	3	3	3
Animal Number (JAB):	038	039	040	110	112	113	114	116	117	118
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-decreased corpora lutea	-	-	-	-	-	-	P	-	-	P
UTERUS:										
-distention, lumen	-	2	-	-	2	-	1	-	-	-
-macrophages, pigmented	-	2	2	2	2	2	-	3	1	-

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
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TABLE II-7 (Continued)

Histomorphologic Observations - F1b Generation

Dose Group:	3	3	3	3	3	3	3	3	3	3
Animal Number (JAB):	120	121	124	127	130	302	305	306	308	309
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-decreased corpora lutea	P	-	-	-	-	-	-	P	-	-
UTERUS:										
-distention, lumen	-	<3>	-	-	-	-	-	-	3	3
-macrophages, pigmented	-	<2>	-	2	3	2	2	-	-	3

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-7 (Continued)

Histomorphologic Observations - F1b Generation

Dose Group:	3	3	3	3	3	3	3	3	3	3
Animal Number (JAB):	310	311	313	314	316	317	319	320	322	323
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SD	SS	SS	SS	SS	SS
OVARIES:										
-decreased corpora lutea	-	-	-	P	-	-	-	-	-	-
UTERUS:										
-distention, lumen	3	-	-	-	-	-	-	-	-	-
-macrophages, pigmented	2	3	-	-	-	2	2	-	1	1
-polyp, endometrial	-	-	-	-	-	-	XB	-	-	-
ADRENAL GLANDS:										
-congestion					<4>					
KIDNEYS:										
-dilatation, pelvis				<2>	-					
-hemorrhage, pelvic cavity				<P>	-					
-pyelonephritis				-	<4>					
URINARY BLADDER:										
-cystitis, hyperplastic					<2>					

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
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TABLE II-8

Histomorphologic Observations - F1b Generation

Dose Group:	4	4	4	4	4	4	4	4	4	4
Animal Number (JAB):	041	042	043	045	046	047	048	050	133	134
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-decreased corpora lutea	P	P	P	-	P	P	P	P	-	-
UTERUS:										
-dilatation, endometrial gland(s)	-	-	-	-	P	-	-	-	-	-
-distention, lumen	-	-	2	-	-	-	-	4	3	2
-macrophages, pigmented	3	-	-	2	1	-	-	-	-	1
VAGINA:	-	-	-	-	-	-	-	-	-	-
EYES:								<->		
KIDNEYS:										
-cyst(s), cortex								<P>		
-dilatation, cortical tubules								<3>		

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
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TABLE II-8 (Continued)

Histomorphologic Observations - F1b Generation

Dose Group:	4	4	4	4	4	4	4	4	4	4
Animal Number (JAB):	135	136	138	140	325	327	328	329	330	331
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-cyst(s), intraovarian	-	-	-	-	P	-	-	-	-	-
-decreased corpora lutea	P	P	(P)	-	-	-	-	-	-	P
UTERUS:										
-cystic endometrial gland(s)	-	-	P	-	-	-	-	-	-	-
-dilatation, endometrial gland(s)	-	-	-	-	P	-	-	-	-	-
-distention, lumen	1	-	-	-	-	-	2	-	2	-
-macrophages, pigmented	-	-	1	1	-	-	2	2	3	-
VAGINA:										
-vaginitis, chronic	-	-	-	1	-	-	-	-	-	-

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MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
STUDY NUMBER 236535

TABLE II-8 (Continued)

Histomorphologic Observations - F1b Generation

Dose Group:	4	4	4	4	4	4	4	4	4	4
Animal Number (JAB):	332	333	334	335	336	337	338	339	341	343
Sex:	F	F	F	F	F	F	F	F	F	F
Death Type:	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
OVARIES:										
-decreased corpora lutea	<P>	P	P	P	-	-	P	-	P	-
UTERUS:										
-distention, lumen	1	-	-	-	-	3	-	-	2	-
-macrophages, pigmented	-	-	-	-	-	-	-	-	2	1
VAGINA:	-	-	-	-	-	-	-	-	-	-
KIDNEYS:										
-dilatation, pelvis								<2>		

MULTI-GENERATION RAT REPRODUCTION STUDY WITH MRD-89-365
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HISTOPATHOLOGY

APPENDIX III

INDIVIDUAL ANIMAL GROSS AND HISTOMORPHOLOGY DATA
P1 GENERATION

KEY TO CORRELATION OF HISTOMORPHOLOGIC OBSERVATIONS

Not applicable = Microscopic evaluation/correlation not appropriate
or not required by protocol.

ANIMAL NUMBER: HCG071
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, maloccluded; broken, right upper incisor (not collected at necropsy).

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG071

ANIMAL NUMBER: HCG073
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG073

ANIMAL NUMBER: HCG074
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, right uppers, maloccluded, broken left upper (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

EPIDIDYMIDES: hypospermia (marked)
TESTES: atrophy, diffuse, unilateral (marked)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

PROSTATE SEMINAL VESICLES

End of Record- HCG074

ANIMAL NUMBER: HCG082
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG082

ANIMAL NUMBER: HCG084
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- HCG084

ANIMAL NUMBER: HCG086
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

MASS/NODULE: Mass A, left scapula area, 6.1x4.8cm, cut surface, tan, firm, filled with red material.

RELATED HISTOPATHOLOGY:

sarcoma, undifferentiated, SKIN (GROSS LESION)

HISTOMORPHOLOGIC OBSERVATIONS:

SKIN (GROSS LESION): sarcoma, undifferentiated, malignant

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

NEOPLASMS:

SKIN (GROSS LESION) sarcoma, undifferentiated, malignant

End of Record- HCG086

ANIMAL NUMBER: HCG089
PATH. NUMBER:
SEX. M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, eyes, both, slight, dried red ocular discharge (not taken); incisors, both upper incisors broken; malocculded (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG089

ANIMAL NUMBER: HCG093
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG093

ANIMAL NUMBER: HCG099
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

EAR(S): Both, swollen, slight.

RELATED HISTOPATHOLOGY:

chondritis, auricular

HISTOMORPHOLOGIC OBSERVATIONS:

EAR(S): chondritis, auricular (marked)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG099

ANIMAL NUMBER: HCG105
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
EAR(S): Both, swollen, moderate.	chondritis, auricular

HISTOMORPHOLOGIC OBSERVATIONS:

EAR(S):	chondritis, auricular (marked)
PROSTATE:	prostatitis, interstitial, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- HCG105

ANIMAL NUMBER: HCG109
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- HCG109

ANIMAL NUMBER: HCG115
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG115

ANIMAL NUMBER: HCG118
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG118

ANIMAL NUMBER: HCG127
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Ear, both, swollen, slight (not taken).
KIDNEYS: Right, dilated renal pelvis, moderate.

RELATED HISTOPATHOLOGY:

Not applicable
dilatation, pelvis
glomerulonephritis, chronic

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS (1): glomerulonephritis, chronic (moderate)
dilatation, pelvis (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

TISSUE(S) NOT AVAILABLE FOR EVALUATION:

KIDNEYS (1)

End of Record- HCG127

ANIMAL NUMBER: HCG129
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG129

ANIMAL NUMBER: HCG131
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (slight)
atrophy (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- HCG131

ANIMAL NUMBER: HCG133
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES	PROSTATE	SEMINAL VESICLES	TESTES

End of Record- HCG133

ANIMAL NUMBER: HCG140
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG140

ANIMAL NUMBER: HCG142
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- HCG142

ANIMAL NUMBER: HCG143
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- HCG143

ANIMAL NUMBER: HCG153
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
TESTES: Both, smaller than normal, moderate; flaccid.	atrophy, diffuse, bilateral

HISTOMORPHOLOGIC OBSERVATIONS:

EPIDIDYMIDES:	hypospermia (marked)
TESTES:	atrophy, diffuse, bilateral (marked)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

PROSTATE SEMINAL VESICLES

End of Record- HCG153

ANIMAL NUMBER: HCG156
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG156

ANIMAL NUMBER: HCG158
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG158

ANIMAL NUMBER: HCG160
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG160

ANIMAL NUMBER: HCG166
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG166

ANIMAL NUMBER: HCG169
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG169

ANIMAL NUMBER: HCG169
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG169

ANIMAL NUMBER: HCG178
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: atrophy (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- HCG178

ANIMAL NUMBER: HCG192
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG192

ANIMAL NUMBER: HCG196
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, both uppers, malocclueded (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG196

ANIMAL NUMBER: HCG198
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG198

ANIMAL NUMBER: HCG163
PATH. NUMBER:
SEX: M

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
EAR(S): Both, swollen, moderate.	chondritis, auricular

HISTOMORPHOLOGIC OBSERVATIONS:

EAR(S): chondritis, auricular (marked)

End of Record- HCG163

ANIMAL NUMBER: HCG165
PATH. NUMBER:
SEX: M

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
KIDNEYS: Right, raised tan areas, dilated, extreme.	dilatation, pelvis pyelonephritis

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS: dilatation, pelvis (moderate)
pyelonephritis (moderate)

End of Record- HCG165

ANIMAL NUMBER: HCG173
PATH. NUMBER:
SEX: M

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

LYMPH NODE: Cervical, enlarged, moderate.

RELATED HISTOPATHOLOGY:

hyperplasia, lymphoid, LYMPH NODE, CERVICAL

HISTOMORPHOLOGIC OBSERVATIONS:

LYMPH NODE, CERVICAL: hyperplasia, lymphoid (moderate)

End of Record- HCG173

ANIMAL NUMBER: HCG072
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG072

ANIMAL NUMBER: HCG078
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

URINARY BLADDER: Yellow and white semi-firm object present (not saved).

RELATED HISTOPATHOLOGY:

Tissue not available

HISTOMORPHOLOGIC OBSERVATIONS:

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

TISSUE(S) NOT AVAILABLE FOR EVALUATION:

URINARY BLADDER

End of Record- HCG078

ANIMAL NUMBER: HCG079
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG079

ANIMAL NUMBER: HCG091
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, dried red ocular discharge, left eye, incisors, both upper, broken, incisors, malocculded (tissue not taken).

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG091

ANIMAL NUMBER: HCG094
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG094

ANIMAL NUMBER: HCG096
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- HCG096

ANIMAL NUMBER: HCG101
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- HCG101

ANIMAL NUMBER: HCG104
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG104

ANIMAL NUMBER: HCG108
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

URINARY BLADDER: Distended, slight.

RELATED HISTOPATHOLOGY:

No microscopic change to correlate

HISTOMORPHOLOGIC OBSERVATIONS:

URINARY BLADDER: No microscopic change to correlate

[illegible] TISSUE(S) WERE WITHIN NORMAL LIMITS:

PROSTATE SEMINAL VESICLES TESTES
[illegible]
URINARY BLADDER

End of Record- HCG108

ANIMAL NUMBER: HCG110
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES	PROSTATE	SEMINAL VESICLES	TESTES

End of Record- HCG110

ANIMAL NUMBER: HCG114
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG114

ANIMAL NUMBER: HCG123
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

EPIDIDYMIDES: infiltration, mononuclear-cell, focal (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG123

ANIMAL NUMBER: HCG126
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG126

ANIMAL NUMBER: HCG130
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG130

ANIMAL NUMBER: HCG135
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES	PROSTATE	SEMINAL VESICLES	TESTES

End of Record- HCG135

ANIMAL NUMBER: HCG139
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
EAR(S): Both, swollen, moderate.	chondritis, auricular

HISTOMORPHOLOGIC OBSERVATIONS:

EAR(S): chondritis, auricular (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG139

ANIMAL NUMBER: HCG144
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
SEMINAL VESICLES: Distended, slight; vascularized, slight.	No microscopic change to correlate
URINARY BLADDER: Distended, moderate; filled with hard white objects, moderate amount.	cystitis, hyperplastic microcalculi mineralization, focal

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE:	prostatitis, interstitial, chronic (moderate)
SEMINAL VESICLES:	No microscopic change to correlate
URINARY BLADDER:	cystitis, hyperplastic (marked) microcalculi mineralization, focal (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- HCG144

ANIMAL NUMBER: HCG147
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- HCG147

ANIMAL NUMBER: HCG148
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG148

ANIMAL NUMBER: HCG149
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Spontaneous Death

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
EYES: Both, vascularized, moderate.	Tissue not available
GENERAL: Incisors, malocclueded, broken uppers, lowers longer than normal, extreme.	Not applicable
LUNG: All lobes and surfaces, mottled red/dark red.	Tissue not available
LYMPH NODE: Cervical, larger than normal, slight; dark red.	Tissue not available, LYMPH NODE, CERVICAL
PALATE: Sores.	Tissue not available
PENIS: Slight amount bright yellow crusty material.	Tissue not available
STOMACH: White nodule on outer surface at border of cardiac and fundic portion of stomach; slight amount of ingesta.	cyst(s), keratinous

HISTOMORPHOLOGIC OBSERVATIONS:

STOMACH: cyst(s), keratinous

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

TISSUE(S) NOT AVAILABLE FOR EVALUATION:

EYES
LUNG
LYMPH NODE, CERVICAL
PALATE
PENIS

End of Record- HCG149

ANIMAL NUMBER: HCG155
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG155

ANIMAL NUMBER: HCG157
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES	PROSTATE	SEMINAL VESICLES	TESTES

End of Record- HCG157

ANIMAL NUMBER: HCG161
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES: atrophy, unilateral, focal (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES

End of Record- HCG161

ANIMAL NUMBER: HCG161
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES: atrophy, unilateral, focal (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES

End of Record- HCG161

ANIMAL NUMBER: HCG170
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
PREPUTIAL GLAND: Swollen, moderate, filled with green caseous material.	abscess
TESTES: Left, larger than normal, moderate.	atrophy, diffuse, unilateral

HISTOMORPHOLOGIC OBSERVATIONS:

PREPUTIAL GLAND:	abscess
TESTES:	atrophy, diffuse, unilateral (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES

End of Record- HCG170

ANIMAL NUMBER: HCG174
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
TESTES: Both, smaller than normal, moderate; flaccid.	atrophy, diffuse, bilateral

HISTOMORPHOLOGIC OBSERVATIONS:

EPIDIDYMIDES:	hypospermia (marked)
PROSTATE:	atrophy (moderate)
TESTES:	atrophy, diffuse, bilateral (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

SEMINAL VESICLES

End of Record- HCG174

ANIMAL NUMBER: HCG175
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES	PROSTATE	SEMINAL VESICLES	TESTES

End of Record- HCG175

ANIMAL NUMBER: HCG182
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- HCG182

ANIMAL NUMBER: HCG185
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES	PROSTATE	SEMINAL VESICLES	TESTES

End of Record- HCG185

ANIMAL NUMBER: HCG191
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG191

ANIMAL NUMBER: HCG195
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- HCG195

ANIMAL NUMBER: HCG207
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS:	macrophages, pigmented (slight)
VAGINA:	vaginitis, chronic (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- HCG207

ANIMAL NUMBER: HCG218
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG218

ANIMAL NUMBER: HCG219
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)
VAGINA: vaginitis, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- HCG219

ANIMAL NUMBER: HCG222
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG222

ANIMAL NUMBER: HCG224
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS VAGINA

End of Record- HCG224

ANIMAL NUMBER: HCG229
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

EAR(S): Both, swollen, slight.

RELATED HISTOPATHOLOGY:

chondritis, auricular

HISTOMORPHOLOGIC OBSERVATIONS:

EAR(S): chondritis, auricular (marked)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- HCG229

ANIMAL NUMBER: HCG235
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- HCG235

ANIMAL NUMBER: HCG236
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: cyst(s) oviduct
decreased corpora lutea

VAGINA: vaginitis, chronic (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS

End of Record- HCG236

ANIMAL NUMBER: HCG237
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG237

ANIMAL NUMBER: HCG247
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: cyst(s), intraovarian
UTERUS: distention, lumen (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- HCG247

ANIMAL NUMBER: HCG250
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG250

ANIMAL NUMBER: HCG251
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, alopecia, both forepaws, slight (not collected at necropsy).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (marked)
macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG251

ANIMAL NUMBER: HCG256
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)
VAGINA: vaginitis, chronic (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- HCG256

ANIMAL NUMBER: HCG261
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES:	decreased corpora lutea
UTERUS:	distention, lumen (moderate)
	macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- HCG261

ANIMAL NUMBER: MCG267
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- MCG267

ANIMAL NUMBER: HCG271
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS:	macrophages, pigmented (slight)
VAGINA:	vaginitis, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- HCG271

ANIMAL NUMBER: HCG272
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES:	decreased corpora lutea
UTERUS:	macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- HCG272

ANIMAL NUMBER: HCG274
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG274

ANIMAL NUMBER: HCG280
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (minimal)
macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG280

ANIMAL NUMBER: HCG281
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea
VAGINA: vaginitis, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS

End of Record- HCG281

ANIMAL NUMBER: HCG286
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG286

ANIMAL NUMBER: HCG287
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG287

ANIMAL NUMBER: HCG297
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG297

ANIMAL NUMBER: HCG308
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

VAGINA: vaginitis, chronic (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- HCG308

ANIMAL NUMBER: HCG313
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, moderate alopecia, both forepaws (not collected at necropsy).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES:	cyst(s), intraovarian
UTERUS:	distention, lumen (moderate)
	macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- HCG313

ANIMAL NUMBER: HCG319
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG319

ANIMAL NUMBER: HCG321
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG321

ANIMAL NUMBER: HCG322
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (slight)
macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG322

ANIMAL NUMBER: HCG336
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, slight alopecia, both forepaws (not saved).

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- HCG336

ANIMAL NUMBER: HCG338
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)
macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG338

ANIMAL NUMBER: HCG208
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

EAR(S): Both, slightly swollen.
SKIN: Skin/fur, moderate alopecia, both forepaws.

RELATED HISTOPATHOLOGY:

chondritis, auricular
Tissue not available, SKIN (GROSS LESION)

HISTOMORPHOLOGIC OBSERVATIONS:

EAR(S): chondritis, auricular (marked)

TISSUE(S) NOT AVAILABLE FOR EVALUATION:

SKIN (GROSS LESION)

End of Record- HCG208

ANIMAL NUMBER: HCG231
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
EAR(S): Both, swollen, slight.	chondritis, auricular

HISTOMORPHOLOGIC OBSERVATIONS:

EAR(S):	chondritis, auricular (marked)

End of Record- HCG231

ANIMAL NUMBER: HCG243
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
KIDNEYS: Left, dilated renal pelvis, extreme.	dilatation, pelvis

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	dilatation, pelvis (moderate)

End of Record- HCG243

ANIMAL NUMBER: HCG257
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
LIVER: Median lobe, accessory tissue located 0.2cm to the right of median fissure; accessory tissue is 0.4cmx0.2cm.	accessory liver lobe infiltration, mononuclear-cell, multifocal
LYMPH NODE: Cervical, larger than normal, slight.	hyperplasia, lymphoid, LYMPH NODE, CERVICAL

HISTOMORPHOLOGIC OBSERVATIONS:

LIVER:	accessory liver lobe infiltration, mononuclear-cell, multifocal (slight)
LYMPH NODE, CERVICAL:	hyperplasia, lymphoid (slight)

End of Record- HCG257

ANIMAL NUMBER: HCG264
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

EAR(S): Right, swollen, slight.

RELATED HISTOPATHOLOGY:

chondritis, auricular

HISTOMORPHOLOGIC OBSERVATIONS:

EAR(S): chondritis, auricular (marked)

End of Record- HCG264

ANIMAL NUMBER: HCG269
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

LYMPH NODE: Cervical, larger than normal, approximately 2X.

RELATED HISTOPATHOLOGY:

hyperplasia, lymphoid, LYMPH NODE, CERVICAL

HISTOMORPHOLOGIC OBSERVATIONS:

LYMPH NODE, CERVICAL: hyperplasia, lymphoid (slight)

End of Record- HCG269

ANIMAL NUMBER: HCG283
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

KIDNEYS: Right and left kidneys, dilated renal pelves, extreme; left, contained slight amount white granular material.

RELATED HISTOPATHOLOGY:

dilatation, pelvis

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS: dilatation, pelvis (moderate)

End of Record- HCG283

ANIMAL NUMBER: HCG217
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
KIDNEYS: Both, dilated renal pelvis, slight.	dilatation, pelvis
LYMPH NODE: Cervical, larger than normal, slight; moderate amount red foci.	hyperplasia, lymphoid, LYMPH NODE, CERVICAL
MASS/NODULE: Mass A, subcutaneous, 1.6x1.8x0.8cm, location, left lateral thoracic, cut surface, firm, tan.	adenocarcinoma, MAMMARY GLAND
THYMUS: Moderate amount red foci.	congestion

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	dilatation, pelvis (slight)
LYMPH NODE, CERVICAL:	hyperplasia, lymphoid (moderate)
MAMMARY GLAND:	adenocarcinoma, malignant
THYMUS:	congestion (moderate)

NEOPLASMS:

MAMMARY GLAND	adenocarcinoma, malignant

End of Record- HCG217

ANIMAL NUMBER: HCG225
PATH. NUMBER.
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
VAGINA: Filled with moderate amount brown thick liquid.	vaginitis, chronic

HISTOMORPHOLOGIC OBSERVATIONS:

VAGINA: vaginitis, chronic (minimal)

End of Record- HCG225

ANIMAL NUMBER: HCG238
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
KIDNEYS: Right, granular in appearance, outer and inner cortex; dilatation, moderate.	dilatation, pelvis pyelonephritis

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	dilatation, pelvis (slight) pyelonephritis (moderate)

End of Record- HCG238

ANIMAL NUMBER: HCG240
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

EAR(S): Both, swollen, slight.

RELATED HISTOPATHOLOGY:

chondritis, auricular

HISTOMORPHOLOGIC OBSERVATIONS:

EAR(S): chondritis, auricular (marked)

End of Record- HCG240

ANIMAL NUMBER: HCG258
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

SKIN: Skin/fur, slight alopecia, left foreleg.
UTERUS: Mass A, anterior portion of right uterine horn, 2.0x2.3cm; firm, tan, cut surface, tan, firm.

RELATED HISTOPATHOLOGY:

Tissue not available, SKIN (GROSS LESION)
fetus, necrotic

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: fetus, necrotic

TISSUE(S) NOT AVAILABLE FOR EVALUATION:

SKIN (GROSS LESION)

End of Record- HCG258

ANIMAL NUMBER: HCG275
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
KIDNEYS: Right, dilated renal pelvis, slight.	dilatation, pelvis

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	dilatation, pelvis (minimal)

End of Record- HCG275

ANIMAL NUMBER: HCG276
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

LYMPH NODE: Cervical, enlarged, slight.

RELATED HISTOPATHOLOGY:

hyperplasia, lymphoid, LYMPH NODE, CERVICAL

HISTOMORPHOLOGIC OBSERVATIONS:

LYMPH NODE, CERVICAL: hyperplasia, lymphoid (moderate)

End of Record- HCG276

ANIMAL NUMBER: HCG302
PATH. NUM3ER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
KIDNEYS: Both, moderate dilation.	dilatation, pelvis
SKIN: General observation, skin/fur, moderate alopecia, both forepaws.	Tissue not available, SKIN (GROSS LESION)

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS: dilatation, pelvis (moderate)

TISSUE(S) NOT AVAILABLE FOR EVALUATION:

SKIN (GROSS LESION)

End of Record- HCG302

ANIMAL NUMBER: HCG304
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
OVARIES: Mass A, right ovary, 1.2x0.9cm, red in color, cut surface, released moderate amount red fluid.	cystic bursa(e)
SKIN: Skin/fur, slight alopecia, right forleg and right forepaw.	Tissue not available, SKIN (GROSS LESION)

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: cystic bursa(e)

TISSUE(S) NOT AVAILABLE FOR EVALUATION:

SKIN (GROSS LESION)

End of Record- HCG304

ANIMAL NUMBER: HCG317
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

LYMPH NODE: Cervical, 1 larger than normal, moderate; 1 smaller than normal, moderate.

RELATED HISTOPATHOLOGY:

hyperplasia, lymphoid, LYMPH NODE, CERVICAL

HISTOMORPHOLOGIC OBSERVATIONS:

LYMPH NODE, CERVICAL: hyperplasia, lymphoid (moderate)

End of Record- HCG317

ANIMAL NUMBER: HCG323
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

UTERUS: Left uterine horn, Mass A, yellow, firm, 0.4x0.3cm, cut surface, yellow, firm; right uterine horn, Mass B, yellow, firm, 0.5x0.4cm, cut surface, yellow, firm, both Mass A and Mass B located externally to uterine horns.

RELATED HISTOPATHOLOGY:

endometritis, chronic
proliferation, vascular, focal

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS:	endometritis, chronic (slight) proliferation, vascular, focal (moderate)

COMMENTS:

UTERUS	Moderate focal vascular proliferation in the broad ligament.

End of Record- HCG323

ANIMAL NUMBER: HCG330
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION($):	RELATED HISTOPATHOLOGY:
LYMPH NODE: Cervical, dark red.	congestion, LYMPH NODE, CERVICAL

HISTOMORPHOLOGIC OBSERVATIONS:

LYMPH NODE, CERVICAL: congestion (minimal)

End of Record- HCG330

ANIMAL NUMBER: HCG335
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

KIDNEYS: Both, dilated, extreme.

RELATED HISTOPATHOLOGY:

dilatation, pelvis

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS: dilatation, pelvis (moderate)

End of Record- HCG335

ANIMAL NUMBER: HCG209
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG209

ANIMAL NUMBER: HCG210
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG210

ANIMAL NUMBER: HCG211
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, alopecia, moderate, right foreleg, right forepaw; alopecia, slight, left foreleg, left forepaw, both hindlegs (not collected at necropsy).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)
macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG211

ANIMAL NUMBER: HCG213
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

VAGINA: vaginitis, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- HCG213

ANIMAL NUMBER: HCG226
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- HCG226

ANIMAL NUMUER: HCG227
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)
VAGINA: vaginitis, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- HCG227

ANIMAL NUMBER: HCG230
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, slight alopecia, left forepaw and right foreleg (not collected at necropsy).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES:	decreased corpora lutea
UTERUS:	macrophages, pigmented (minimal)
VAGINA:	vaginitis, chronic (minimal)

End of Record- HCG230

ANIMAL NUMBER: HCG248
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG248

ANIMAL NUMBER: HCG252
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG252

ANIMAL NUMBER: HCG253
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea
UTERUS: distention, lumen (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- HCG253

ANIMAL NUMBER: HCG255
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES:	decreased corpora lutea
UTERUS:	distention, lumen (slight)
	macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- HCG255

ANIMAL NUMBER: HCG259
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: General condition, malocclueded.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS VAGINA

End of Record- HCG259

ANIMAL NUMBER: HCG262
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- HCG262

ANIMAL NUMBER: HCG266
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, both, malocclueded; missing, right, upper (not saved); skin/fur, slight alopecia, both forepaws (not saved).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES:	decreased corpora lutea
UTERUS:	macrophages, pigmented (moderate)
VAGINA:	vaginitis, chronic (slight)

End of Record- HCG266

ANIMAL NUMBER: HCG268
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Colon and cecum, distended with gas, slight (not collected at necropsy).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

VAGINA: vaginitis, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- HCG268

ANIMAL NUMBER: HCG270
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
GENERAL: Skin/fur, alopecia, moderate, both forepaws and both forelegs (not collected at necropsy).	Not applicable
KIDNEYS: Both, dilated renal pelvis, moderate.	dilatation, pelvis

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	dilatation, pelvis (slight)
UTERUS:	macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG270

ANIMAL NUMBER: HCG273
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: cyst(s), intraovarian
UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- HCG273

ANIMAL NUMBER: HCG284
PATH. NUMBER:
SEX: F

DOSE GRCUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

MAMMARY GLAND: All mammary glands filled with slight amount white liquid (apparently lactating).

RELATED HISTOPATHOLOGY:

galactocele(s)

HISTOMORPHOLOGIC OBSERVATIONS:

MAMMARY GLAND: galactocele(s)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- HCG284

ANIMAL NUMBER: HCG288
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: General observation, skin/fur, slight scab, ventral cervical (not saved).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG288

ANIMAL NUMBER: HCG292
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG292

ANIMAL NUMBER: HCG293
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, alopecia, slight, both forepaws, both forelegs and posterior dorsal (not collected at necropsy).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)
macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG293

ANIMAL NUMBER: HCG293
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, alopecia, slight, both forepaws, both forelegs and posterior dorsal (not collected at necropsy).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS:	distention, lumen (moderate) macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG293

ANIMAL NUMBER: HCG294
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)
VAGINA: vaginitis, chronic (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- HCG294

ANIMAL NUMBER: HCG299
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG299

ANIMAL NUMBER: HCG300
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG300

ANIMAL NUMBER: HCG306
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
EAR(S): General condition, both ears, swollen and red, moderate.	chondritis, auricular

HISTOMORPHOLOGIC OBSERVATIONS:

EAR(S):	chondritis, auricular (marked)
OVARIES:	decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS VAGINA

End of Record- HCG306

ANIMAL NUMBER: HCG309
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)
VAGINA: vaginitis, chronic (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- HCG309

ANIMAL NUMBER: HCG312
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (slight)
macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG312

ANIMAL NUMBER: HCG315
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES:	cyst(s), intraovarian
UTERUS:	macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- HCG315

ANIMAL NUMBER: HCG320
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG320

ANIMAL NUMBER: HCG337
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- HCG337

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HISTOPATHOLOGY

APPENDIX IV

INDIVIDUAL ANIMAL GROSS AND HISTOMORPHOLOGY DATA
F1b GENERATION

KEY TO CORRELATION OF HISTOMORPHOLOGIC OBSERVATIONS

Not applicable = Microscopic evaluation/correlation not appropriate or not required by protocol.

ANIMAL NUMBER: JAB001
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB001

ANIMAL NUMBER: JAB002
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Teeth, malocclueded incisors; eye, left, slight dry red ocular discharge.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES: atrophy, unilateral, focal (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES

End of Record- JAB002

ANIMAL NUMBER: JAB051
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, maloccluded (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB051

ANIMAL NUMBER: JAB052
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES	PROSTATE	SEMINAL VESICLES	TESTES

End of Record- JAB052

ANIMAL NUMBER: JAB053
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB053

ANIMAL NUMBER: JAB055
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Head, leans towards the right (head not saved).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES: atrophy, unilateral, focal (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES

End of Record- JAB055

ANIMAL NUMBER: JAB058
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB058

ANIMAL NUMBER: JAB059
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB059

ANIMAL NUMBER: JAB060
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB060

ANIMAL NUMBER: JAB141
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB141

ANIMAL NUMBER: JAB143
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION($):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB143

ANIMAL NUMBER: JAB144
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB144

ANIMAL NUMBER: JAB145
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB145

ANIMAL NUMBER: JAB146
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, missing, left; upper incisor malocculded (not saved).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- JAB146

ANIMAL NUMBER: JAB147
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB147

ANIMAL NUMBER: JAB149
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- JAB149

ANIMAL NUMBER: JAB152
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES: infiltration, mononuclear-cell, focal (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES

End of Record- JAB152

ANIMAL NUMBER: JAB154
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- JAB154

ANIMAL NUMBER: JAB155
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB155

ANIMAL NUMBER: JAB156
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- JAB156

ANIMAL NUMBER: JAB158
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB158

ANIMAL NUMBER: JAB160
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES	PROSTATE	SEMINAL VESICLES	TESTES

End of Record- JAB160

ANIMAL NUMBER: JAB161
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

EPIDIDYMIDES: infiltration, mononuclear-cell, focal (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB161

ANIMAL NUMBER: JAB162
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
KIDNEYS: Right, renal pelvis, dilated, slight; left, renal pelvis, dilated, moderate.	dilatation, pelvis glomerulonephritis, chronic

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	dilatation, pelvis (slight) glomerulonephritis, chronic (slight)
PROSTATE:	prostatitis, interstitial, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- JAB162

ANIMAL NUMBER: JAB164
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB164

ANIMAL NUMBER: JAB166
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, malocciuded (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB166

ANIMAL NUMBER: JAB167
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB167

ANIMAL NUMBER: JAB168
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB168

ANIMAL NUMBER: JAB170
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB170

ANIMAL NUMBER: JAB172
PATH. NUMBER:
SEX: M

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB172

ANIMAL NUMBER: JAB009
PATH. NUMBER:
SEX: M

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
TESTES: Right, smaller than normal, flaccid.	atrophy, diffuse, unilateral

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES:	atrophy, diffuse, unilateral (marked)

End of Record- JAB009

ANIMAL NUMBER: JAB173
PATH. NUMBER:
SEX: M

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
SKIN: Skin/fur, scabs, left, anterior to penis; swollen, right, anterior to penis.	cyst(s), PREPUTIAL GLAND abscess, PREPUTIAL GLAND

HISTOMORPHOLOGIC OBSERVATIONS:

PREPUTIAL GLAND:	cyst(s)
	abscess

End of Record- JAB173

ANIMAL NUMBER: JAB174
PATH. NUMBER:
SEX: M

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

KIDNEYS: Right, dilated renal pelvis, slight.

MASS/NODULE: Mass A, right inguinal subcutaneous, 12x12mm, tan, filled with thick green material, cut surface tan and firm.

RELATED HISTOPATHOLOGY:

dilatation, pelvis
mineralization, pelvic
hyperplasia, papillary/pelvic epithelium
abscess, SKIN (GROSS LESION)

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS: mineralization, pelvic (minimal)
hyperplasia, papillary/pelvic epithelium (minimal)
dilatation, pelvis (slight)

SKIN (GROSS LESION): abscess

End of Record- JAB174

ANIMAL NUMBER: JAB177
PATH. NUMBER:
SEX: M

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

STOMACH: White foci, 0.02cm, glandular portion of stomach.

RELATED HISTOPATHOLOGY:

hyperplasia/hyperkeratosis, limiting ridge

HISTOMORPHOLOGIC OBSERVATIONS:

STOMACH: hyperplasia/hyperkeratosis, limiting ridge (slight)

End of Record- JAB177

ANIMAL NUMBER: JAB181
PATH. NUMBER:
SEX: M

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

KIDNEYS: Right, dilated pelvis, slight.

RELATED HISTOPATHOLOGY:

dilatation, pelvis
nephritis, chronic, focal

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS: nephritis, chronic, focal (slight)
dilatation, pelvis (moderate)

End of Record- JAB181

ANIMAL NUMBER: JAB196
PATH. NUMBER:
SEX: M

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
KIDNEYS: Right, dilated pelvis, slight.	dilatation, pelvis dilatation, cortical tubules

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	dilatation, pelvis (slight) dilatation, cortical tubules (minimal)

End of Record- JAB196

ANIMAL NUMBER: JAB014
PATH. NUMBER:
SEX: M

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
TESTES: Left, smaller than normal, flaccid.	atrophy, diffuse, unilateral

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES:	atrophy, diffuse, unilateral (marked)

End of Record- JAB014

ANIMAL NUMBER: JAB214
PATH. NUMBER:
SEX: M

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
GENERAL: Teeth, missing, right upper, malocculded.	Not applicable
TESTES: Both, smaller than normal, slight.	atrophy, diffuse, bilateral

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES:	atrophy, diffuse, bilateral (marked)

End of Record- JAB214

ANIMAL NUMBER: JAB215
PATH. NUMBER:
SEX: M

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

KIDNEYS: Right, dilated pelvis, slight.

URINARY BLADDER: Distended, slight, filled with yellow liquid, slight number white, hard granules, approximately 0.2cm diameter.

RELATED HISTOPATHOLOGY:

dilatation, pelvis
dilatation, cortical tubules
nephritis, chronic, focal
cast, eosinophilic

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS: nephritis, chronic, focal (slight)
dilatation, pelvis (moderate)
dilatation, cortical tubules (slight)

URINARY BLADDER: cast, eosinophilic

End of Record- JAB215

ANIMAL NUMBER: JAB016
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
TESTES: Both, smaller than normal, slight.	No microscopic change to correlate

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES: No microscopic change to correlate

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB016

ANIMAL NUMBER: JAB017
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, slight amount dry red material around left eye; incisors, broken, left, upper.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB017

ANIMAL NUMBER: JAB018
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB018

ANIMAL NUMBER: JAB019
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB019

ANIMAL NUMBER: JAB021
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Both forepaws, alopecia, moderate.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB021

ANIMAL NUMBER: JAB022
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

TESTES: Both, smaller than normal, slight.

RELATED HISTOPATHOLOGY:

No microscopic change to correlate

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES: No microscopic change to correlate

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB022

ANIMAL NUMBER: JAB024 | DOSE GROUP: 4
PATH. NUMBER: | DAYS ON TEST:
SEX: M | DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
GENERAL: Incisor, left, upper, missing (not taken).	Not applicable
TESTES: Both, smaller than normal; flaccid.	No microscopic change to correlate

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES: No microscopic change to correlate

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB024

ANIMAL NUMBER: JAB025
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
SKIN: Abdominal wall, raised area, approximately 0.4cm diameter, raised 0.2cm, herniation through muscle of abdominal area, 0.5cm diameter.	hernia, ABDOMINAL WALL
TESTES: Both, smaller than normal, slight.	No microscopic change to correlate

HISTOMORPHOLOGIC OBSERVATIONS:

ABDOMINAL WALL:	hernia
EPIDIDYMIDES:	infiltration, mononuclear-cell, focal (minimal)
PROSTATE:	prostatitis, interstitial, chronic (minimal)
TESTES:	No microscopic change to correlate

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

SEMINAL VESICLES TESTES

End of Record- JAB025

ANIMAL NUMBER: JAB091
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
TESTES: Both, smaller than normal, slight.	atrophy, diffuse, bilateral

HISTOMORPHOLOGIC OBSERVATIONS:

EPIDIDYMIDES:	hypospermia (marked)
TESTES:	atrophy, diffuse, bilateral (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

PROSTATE SEMINAL VESICLES

End of Record- JAB091

ANIMAL NUMBER: JAB092 | DOSE GROUP: 4
PATH. NUMBER: | DAYS ON TEST:
SEX: M | DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
TESTES: Both, smaller than normal, slight; flaccid.	atrophy, diffuse, bilateral

HISTOMORPHOLOGIC OBSERVATIONS:

EPIDIDYMIDES:	hypospermia (marked)
TESTES:	atrophy, diffuse, bilateral (marked)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

PROSTATE SEMINAL VESICLES

End of Record- JAB092

ANIMAL NUMBER: JAB093
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB093

ANIMAL NUMBER: JAB223
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
GENERAL: Skin/fur, left eye, slight dry red ocular discharge; incisors, malocclueded (not saved); broken left upper incisor.	Not applicable
SKIN: Abdomen, umbilical hernia.	hernia, ABDOMINAL WALL
TESTES: Both, smaller than normal, slight.	atrophy, diffuse, bilateral

HISTOMORPHOLOGIC OBSERVATIONS:

ABDOMINAL WALL:	hernia
EPIDIDYMIDES:	hypospermia (marked)
TESTES:	atrophy, diffuse, bilateral (marked)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

PROSTATE SEMINAL VESICLES

End of Record- JAB223

ANIMAL NUMBER: JAB224
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, maloccluded (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB224

ANIMAL NUMBER: JAB225
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
TESTES: Both, smaller than normal, slight.	multinucleated giant cells, unilateral, focal

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES: multinucleated giant cells, unilateral, focal (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES

End of Record- JAB225

ANIMAL NUMBER: JAB227
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Maloccluded incisors (not taken; incisor missing, right, upper.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB227

ANIMAL NUMBER: JAB228
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
GENERAL: Skin/fur, slight amount dry red material around left eye; incisors, both uppers, maloccluded, broken.	Not applicable
PROSTATE: Vascularized, slight, reddened.	No microscopic change to correlate
SEMINAL VESICLES: Vascularized, moderate, red.	No microscopic change to correlate
TESTES: Vascularized, moderate, red, dark red.	No microscopic change to correlate

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE:	No microscopic change to correlate
SEMINAL VESICLES:	No microscopic change to correlate
TESTES:	No microscopic change to correlate

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB228

ANIMAL NUMBER: JAB229
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB229

ANIMAL NUMBER: JAB230
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: General condition, maloccluded incisors.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES	PROSTATE	SEMINAL VESICLES	TESTES

End of Record- JAB230

ANIMAL NUMBER: JAB231
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, maloccluded; right upper incisor, broken; right eye, dried red ocular discharge (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES	PROSTATE	SEMINAL VESICLES	TESTES

End of Record- JAB231

ANIMAL NUMBER: JAB232
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
TESTES: Both, smaller than normal, slight.	No microscopic change to correlate

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES:	No microscopic change to correlate

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES	PROSTATE	SEMINAL VESICLES	TESTES

End of Record- JAB232

ANIMAL NUMBER: JAB233
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB233

ANIMAL NUMBER: JAB234
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

TESTES: Both, smaller than normal; flaccid.

RELATED HISTOPATHOLOGY:

No microscopic change to correlate

HISTOMORPHOLOGIC OBSERVATIONS:

TESTES: No microscopic change to correlate

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB234

ANIMAL NUMBER: JAB235
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

PROSTATE: prostatitis, interstitial, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- JAB235

ANIMAL NUMBER: JAB236
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Spontaneous Death

GROSS OBSERVATION(S).	RELATED HISTOPATHOLOGY:
GENERAL: Skin/fur, red material, anogenital area, slight.	Not applicable
KIDNEYS: Both, right kidney has moderate amount of white foci, outer cortex; right, kidney, larger than normal, moderate; dilated renal pelvis, moderate; left kidney, larger than normal, slight; dilated renal pelvis, slight.	pyelonephritis, bacterial
URINARY BLADDER: Distended, extreme; vascularized, extreme; dark red liquid present with white liquid suspension; enlarged and reddened (trimming observation).	cystitis, hyperplastic microcalculi

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	pyelonephritis, bacterial (marked)
PROSTATE:	prostatitis, suppurative (moderate)
URINARY BLADDER:	cystitis, hyperplastic (marked) microcalculi

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES SEMINAL VESICLES TESTES

End of Record- JAB236

ANIMAL NUMBER: JAB237
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB237

ANIMAL NUMBER: JAB238
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB238

ANIMAL NUMBER: JAB239
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB239

ANIMAL NUMBER: JAB240
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB240

ANIMAL NUMBER: JAB241
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB241

ANIMAL NUMBER: JAB242
PATH. NUMBER:
SEX: M

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, slight alopecia, both forepaws (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EPIDIDYMIDES PROSTATE SEMINAL VESICLES TESTES

End of Record- JAB242

ANIMAL NUMBER: JAB026
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB026

ANIMAL NUMBER: JAB028
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB028

ANIMAL NUMBER: JAB095
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Ears, both, swollen, slight; skin/fur, slight alopecia, both forelegs.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- JAB095

ANIMAL NUMBER: JAB097
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB097

ANIMAL NUMBER: JAB098
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB098

ANIMAL NUMBER: JAB100
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
KIDNEYS: Right renal pelvis, dilated, extreme.	dilatation, pelvis

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	dilatation, pelvis (moderate)
UTERUS:	macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB100

ANIMAL NUMBER: JAB101
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB101

ANIMAL NUMBER: JAB102
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, malocclueded.
KIDNEYS: Right, renal pelvis, dilated, moderate.

RELATED HISTOPATHOLOGY:

Not applicable
dilatation, pelvis

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	dilatation, pelvis (moderate)
UTERUS:	macrophages, pigmented (slight)
VAGINA:	vaginitis, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB102

ANIMAL NUMBER: JAB245
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Ears, both, swollen, slight.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB245

ANIMAL NUMBER: JAB246
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Ears, both, swollen, slight.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- JAB246

ANIMAL NUMBER: JAB248
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea
UTERUS: distention, lumen (minimal)
macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- JAB248

ANIMAL NUMBER: JAB249
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, alopecia, slight, both forepaws, both forelegs, ventral, ventral cervical, and right hindleg.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS:	macrophages, pigmented (minimal)
VAGINA:	vaginitis, chronic (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB249

ANIMAL NUMBER: JAB251
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB251

ANIMAL NUMBER: JAB252
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB252

ANIMAL NUMBER: JAB253
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
KIDNEYS: Both, dilated renal pelvis, extreme; small, firm creamy material.	dilatation, pelvis pyelonephritis microcalculi
URINARY BLADDER: Several small firm creamy material.	cystitis, hyperplastic microcalculi

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	pyelonephritis (marked) microcalculi dilatation, pelvis (moderate)
URINARY BLADDER:	cystitis, hyperplastic (marked) microcalculi
UTERUS:	macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB253

ANIMAL NUMBER: JAB254
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, both forepaws, both forlegs, moderate alopecia, right hindleg, slight alopecia.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB254

ANIMAL NUMBER: JAB255
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, moderate alopecia, both forepaws and both forelegs.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB255

ANIMAL NUMBER: JAB256
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- JAB256

ANIMAL NUMBER: JAB257
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB257

ANIMAL NUMBER: JAB260
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)
macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB260

ANIMAL NUMBER: JAB262
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)
macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB262

ANIMAL NUMBER: JAB263
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- JAB263

ANIMAL NUMBER: JAB264
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB264

ANIMAL NUMBER: JAB266
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, broken, upper incisors.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (slight)
macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB266

ANIMAL NUMBER: JAB267
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
KIDNEYS: Right, dilated renal pelvis, moderate, filled with slight amount of clear liquid with slight amount white granular material.	dilatation, pelvis

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	dilatation, pelvis (moderate)
OVARIES:	cyst(s), intraovarian
UTERUS:	macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- JAB267

ANIMAL NUMBER: JAB269
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB269

ANIMAL NUMBER: JAB270
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB270

ANIMAL NUMBER: JAB271
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Spontaneous Death

GROSS OBSERVATION(S):

GENERAL: Not available.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

TISSUE(S) NOT AVAILABLE FOR EVALUATION:

OVARIES	Noted as missing at trimming
UTERUS	Noted as missing at trimming
VAGINA	Noted as missing at trimming

End of Record- JAB271

ANIMAL NUMBER: JAB273
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, both forepaws, both hindpaws, moderate alopecia.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB273

ANIMAL NUMBER: JAB275
PATH. NUMBER:
SEX: F

DOSE GROUP: 1
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, maloccluded, upper incisors.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- JAB275

ANIMAL NUMBER: JAB029
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB029

ANIMAL NUMBER: JAB032
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, moderate alopecia, posterior dorsal region (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)
macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB032

ANIMAL NUMBER: JAB034
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- JAB034

ANIMAL NUMBER: JAB035
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS.

OVARIES

End of Record- JAB035

ANIMAL NUMBER: JAB037
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, moderate alopecia, both forepaws (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB037

ANIMAL NUMBER: JAB104
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB104

ANIMAL NUMBER: JAB105
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (minimal)
macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB105

ANIMAL NUMBER: JAB106
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB106

ANIMAL NUMBER: JAB107
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, moderate alopecia, both forepaws.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB107

ANIMAL NUMBER: JAB276
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

OVARIES: Left, surrounded by clear fluid filled sac.

RELATED HISTOPATHOLOGY:

decreased corpora lutea

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS

End of Record- JAB276

ANIMAL NUMBER: JAB277
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Ears, both, swollen, slight (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- JAB277

ANIMAL NUMBER: JAB278
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, alopecia, both forepaws, moderate (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB278

ANIMAL NUMBER: JAB279
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB279

ANIMAL NUMBER: JAB281
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea
UTERUS: distention, women (minimal)

End of Record- JAB281

ANIMAL NUMBER: JAB282
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- JAB282

ANIMAL NUMBER: JAB285
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

KIDNEYS: Right, dilated renal pelvis, moderate.

RELATED HISTOPATHOLOGY:

dilatation, pelvis
dilatation, cortical tubules

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS: dilatation, cortical tubules (slight)
dilatation, pelvis (moderate)

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB285

ANIMAL NUMBER: JAB288
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, maloccluded; skin/fur, around left eye, moderate amount of dry red material (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB288

ANIMAL NUMBER: JAB289
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: General condition, malocclusion incisors; dried red ocular discharge, left eye, slight.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB289

ANIMAL NUMBER: JAB290
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, broken, left upper incisor.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- JAB290

ANIMAL NUMBER: JAB291
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: cyst(s), intraovarian

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS

End of Record- JAB291

ANIMAL NUMBER: JAB292
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

OVARIES: Right, surrounded by large red fluid filled sac.

RELATED HISTOPATHOLOGY:

cystic bursa(e)

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES:	cystic bursa(e)
UTERUS:	macrophages, pigmented (slight)

End of Record- JAB292

ANIMAL NUMBER: JAB293
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

UTERUS: Distended, slight.

RELATED HISTOPATHOLOGY:

distention, lumen
macrophages, pigmented

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)
macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB293

ANIMAL NUMBER: JAB295
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB295

ANIMAL NUMBER: JAB297
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB297

ANIMAL NUMBER: JAB298
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES:	decreased corpora lutea
UTERUS:	distention, lumen (minimal)

End of Record- JAB298

ANIMAL NUMBER: JAB299
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- JAB299

ANIMAL NUMBER: JAB300
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB300

ANIMAL NUMBER: JAB347
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB347

ANIMAL NUMBER: JAB348
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB348

ANIMAL NUMBER: JAB349
PATH. NUMBER:
SEX: F

DOSE GROUP: 2
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, slight alopecia, ventral cervical (not saved).

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- JAB349

ANIMAL NUMBER: JAB038
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, right foreleg, slight alopecia.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- JAB038

ANIMAL NUMBER: JAB039
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, malocclueded, broken upper incisor; ocular, left eye, dried red ocular discharge (not saved).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (slight)
macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB039

ANIMAL NUMBER: JAB040
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB040

ANIMAL NUMBER: JAB110
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB110

ANIMAL NUMBER: JAB112
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, slight alopecia, both forelegs; both ears swollen (not saved).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (slight)
macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB112

ANIMAL NUMBER: JAB113
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GR SS OBSERVATION(S):

GENERAL: Skin/fur, ventral surface, both forelegs and forepaws, moderate alopecia (not taken).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB113

ANIMAL NUMBER: JAB114
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENER*.: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea
UTERUS: distention, lumen (minimal)

End of Record- JAB114

ANIMAL NUMBER: JAB116
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB116

ANIMAL NUMBER: JAB117
PATH. NUMBER:
SEX: F

DOSE GROUP: 3 -
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, maloccluded; palate, sores (not saved).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB117

ANIMAL NUMBER: JAB118
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS

End of Record- JAB118

ANIMAL NUMBER: JAB120
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS

End of Record- JAB120

ANIMAL NUMBER: JAB121
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

UTERUS: Distended, slight.

RELATED HISTOPATHOLOGY:

distention, lumen
macrophages, pigmented

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)
macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB121

ANIMAL NUMBER: JAB124
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, around right eye, slight amount of dry red material.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- JAB124

ANIMAL NUMBER: JAB127
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB127

ANIMAL NUMBER: JAB130
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB130

ANIMAL NUMBER: JAB302
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, slight alopecia, ventral surface, ventral cervical, both hind legs, both forelegs (not saved).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB302

ANIMAL NUMBER: JAB305
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB305

ANIMAL NUMBER: JAB306
PATH. NUMBER:
SEX: F

DOSE GROUP: 3 -
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS

End of Record- JAB306

ANIMAL NUMBER: JAB308
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, slight alopecia, both forepaws and both forelegs; general condition, missing left upper incisor; malocculded.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB308

ANIMAL NUMBER: JAB309
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)
macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB309

ANIMAL NUMBER: JAB310
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, maloccluded; skin/fur, dry red ocular discharge around left eye (not saved).

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)
macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB310

ANIMAL NUMBER: JAB311
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB311

ANIMAL NUMBER: JAB313
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- JAB313

ANIMAL NUMBER: JAB314
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
KIDNEYS: Right, dilated renal pelvis, slight, filled with small white granular material.	dilatation, pelvis hemorrhage, pelvic cavity

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	hemorrhage, pelvic cavity dilatation, pelvis (slight)
OVARIES:	decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS

End of Record- JAB314

ANIMAL NUMBER: JAB316
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Spontaneous Death

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
ADRENAL GLANDS: Both, dark red.	congestion
GENERAL: Skin/fur, snout, slight amount dry red material; anogenital area, slight amount of tan staining.	Not applicable
KIDNEYS: Both, larger than normal, moderate; dilated renal pelvis, moderate; right, moderate tan embedded foci, outer cortex.	pyelonephritis
URINARY BLADDER: Distended, extreme with thin yellow liquid, contained one white hard object, 0.5cm in diameter.	cystitis, hyperplastic

HISTOMORPHOLOGIC OBSERVATIONS:

ADRENAL GLANDS:	congestion (marked)
KIDNEYS:	pyelonephritis (marked)
URINARY BLADDER:	cystitis, hyperplastic (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- JAB316

ANIMAL NUMBER: JAB317
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB317

ANIMAL NUMBER: JAB319
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: polyp, endometrial, benign
macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

NEOPLASMS:

UTERUS polyp, endometrial, benign

End of Record- JAB319

ANIMAL NUMBER: JAB320
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS

End of Record- JAB320

ANIMAL NUMBER: JAB322
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB322

ANIMAL NUMBER: JAB323
PATH. NUMBER:
SEX: F

DOSE GROUP: 3
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB323

ANIMAL NUMBER: JAB041
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, around left eye, slight amount of dry red material.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES:	decreased corpora lutea
UTERUS:	macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- JAB041

ANIMAL NUMBER: JAB042
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS VAGINA

End of Record- JAB042

ANIMAL NUMBER: JAB043
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea
UTERUS: distention, lumen (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- JAB043

ANIMAL NUMBER: JAB045
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, slight alopecia, both forepaws.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB045

ANIMAL NUMBER: JAB046
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, both forelegs, slight alopecia.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES:	decreased corpora lutea
UTERUS:	dilatation, endometrial gland(s)
	macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- JAB046

ANIMAL NUMBER: JAB047
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS VAGINA

End of Record- JAB047

ANIMAL NUMBER: JAB048
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, maloccluded.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS VAGINA

End of Record- JAB048

ANIMAL NUMBER: JAB050
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
EYES: Both, 5% opacity.	No microscopic change to correlate
GENERAL: Incisors, malocclueded.	Not applicable
KIDNEYS: left, mottled, red/dark red; right, moderate amount clear embedded foci.	cyst(s), cortex dilatation, cortical tubules

HISTOMORPHOLOGIC OBSERVATIONS:

EYES:	No microscopic change to correlate
KIDNEYS:	cyst(s), cortex dilatation, cortical tubules (moderate)
OVARIES:	decreased corpora lutea
UTERUS:	distention, lumen (marked)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

EYES VAGINA

End of Record- JAB050

ANIMAL NUMBER: JAB133
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB133

ANIMAL NUMBER: JAB134
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (slight)
macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB134

ANIMAL NUMBER: JAB135
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES:	decreased corpora lutea
UTERUS:	distention, lumen (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- JAB135

ANIMAL NUMBER: JAB136
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, slight urine staining.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS VAGINA

End of Record- JAB136

ANIMAL NUMBER: JAB138
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES (1): decreased corpora lutea
UTERUS: cystic endometrial gland(s)
macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

TISSUE(S) NOT AVAILABLE FOR EVALUATION:

OVARIES (1)

End of Record- JAB138

ANIMAL NUMBER: JAB140
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSEPVATIONS:

UTERUS: macrophages, pigmented (minimal)
VAGINA: vaginitis, chronic (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES

End of Record- JAB140

ANIMAL NUMBER: JAB325
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: cyst(s), intraovarian
UTERUS: dilatation, endometrial gland(s)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- JAB325

ANIMAL NUMBER: JAB327
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, both forepaws and forelegs, slight alopecia.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- JAB327

ANIMAL NUMBER: JAB328
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, moderate alopecia, both foepaws and both forlegs; ventral, slight alopecia.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (slight)
macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB328

ANIMAL NUMBER: JAB329
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, moderate alopecia, both forepaws.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB329

ANIMAL NUMBER: JAB330
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Skin/fur, left foreleg, slight alopecia.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (slight)
macrophages, pigmented (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB330

ANIMAL NUMBER: JAB331
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS VAGINA

End of Record- JAB331

ANIMAL NUMBER: JAB332
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: Incisors, maloccluded.
OVARIES: Left, surround by small clear fluid filled sac.

RELATED HISTOPATHOLOGY:

Not applicable
decreased corpora lutea

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea
UTERUS: distention, lumen (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- JAB332

ANIMAL NUMBER: JAB333
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS VAGINA

End of Record- JAB333

ANIMAL NUMBER: JAB334
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS VAGINA

End of Record- JAB334

ANIMAL NUMBER: JAB335
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS VAGINA

End of Record- JAB335

ANIMAL NUMBER: JAB336
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- JAB336

ANIMAL NUMBER: JAB337
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: General condition, malocclucded incisors; broken, left upper incisor.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: distention, lumen (moderate)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB337

ANIMAL NUMBER: JAB338
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES: decreased corpora lutea

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

UTERUS VAGINA

End of Record- JAB338

ANIMAL NUMBER: JAB339
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):	RELATED HISTOPATHOLOGY:
KIDNEYS: Right, dilated renal pelvis, slight.	dilatation, pelvis

HISTOMORPHOLOGIC OBSERVATIONS:

KIDNEYS:	dilatation, pelvis (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES UTERUS VAGINA

End of Record- JAB339

ANIMAL NUMBER: JAB341
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

OVARIES:	decreased corpora lutea
UTERUS:	distention, lumen (slight)
	macrophages, pigmented (slight)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

VAGINA

End of Record- JAB341

ANIMAL NUMBER: JAB343
PATH. NUMBER:
SEX: F

DOSE GROUP: 4
DAYS ON TEST:
DEATH TYPE: Scheduled Sacrifice

GROSS OBSERVATION(S):

GENERAL: No gross changes.

RELATED HISTOPATHOLOGY:

Not applicable

HISTOMORPHOLOGIC OBSERVATIONS:

UTERUS: macrophages, pigmented (minimal)

THE FOLLOWING TISSUE(S) WERE WITHIN NORMAL LIMITS:

OVARIES VAGINA

End of Record- JAB343