

Histopathology Findings in 4-26 Week Old Crl:CD(SD) Rats

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INTRODUCTION:

Statistical evaluations are conducted on nearly all data from toxicology studies. The results of these evaluations are used to determine whether a group of treated animals varies significantly from the concurrent control group with regard to a particular parameter. Since statistical differences can occur by chance alone, using a positive statistical difference as the definitive evaluation tool could produce a misleading, false positive result. Alternatively, a slight increase in an uncommon finding would be unlikely to achieve statistical significance by the tests typically employed in toxicology studies yet could be biologically meaningful. In both of these instances, historical control data provide a useful tool to evaluate the biological significance of a particular data set (2). In the past we have typically compiled data from carcinogenicity and long-term toxicology studies to provide information regarding the overall incidence of a particular finding at the end of an animal's lifetime. This publication addresses the equally important issue of age at onset of a finding, as early onset of a particular finding could indicate a toxicologically significant alteration in the treated animals. The histopathology data presented here were obtained from young animals from control groups of short-term and juvenile toxicology studies.

The incidence of neoplasms and non-neoplastic lesions and the survival data presented in this publication were gathered from a standard tissue list collected from thirty-four control groups of animals (1). The animals in these studies were approximately four to 26 weeks of age at the time of necropsy. All studies were conducted in accordance with Good Laboratory Practice regulations of the US Food and Drug Administration or the Environmental Protection Agency and/or the Standard Operating Procedures of the participating laboratory. All studies were performed in the United States or Canada by contract laboratories or industrial toxicology facilities. All studies were conducted in support of in-house research or marketing permits. The data presented were provided to us by the individual laboratories.

PURPOSE:

The purpose of this compilation is to offer the study director, reviewing toxicologist, and/or study pathologist information on the reported incidence and time of onset of neoplasms and non-neoplastic lesions and survival data in young Crl:CD(SD) rats maintained as control animals. The animals in this compilation vary in age from approximately 4-26 weeks. This document was prepared for informational purposes only. Diagnoses of the various findings in the compilations are intentionally grouped in a manner to provide the user with a range of reported incidences of similar types of lesions. This compilation is not intended in any way to propose a system of standardized nomenclature, nor does it separately include each and every reported variant of each lesion. For these reasons, care should be taken in using these data that are not intended as a substitute for historical data collected within an institution.

COMMON STUDY PARAMETERS:

The studies included in this publication were initiated between 2002 and 2009 at three different industrial or contract testing facilities in the United States or Canada. All studies used Charles River Crl:CD(SD) rats.

The rats in the reported studies were from control groups of oral gavage, intravenous (IV), intramuscular (IM), subcutaneous (SC), and percutaneous (PC) studies. The animals were treated with an appropriate control agent in a manner identical to that of the corresponding study groups.

Rats included in this publication were housed as appropriate for the animal's age and as described in the individual study protocols. The animal rooms were generally maintained at average temperatures of 72 +/- 5 degrees Fahrenheit with an average relative humidity of 30-70%. A 12hr/12hr light/dark cycle was employed in all studies. Since these studies were conducted in different facilities, there was some variation in environmental conditions. However, the overall environmental conditions were not considered by those performing the studies to have had any effect on the quality or integrity of the studies. Rats were allowed free access to tap water and a commercial diet, such as Purina PMI Certified Rodent Chow 5002 or PMI Nutrition International, Inc. Certified rodent diet 18% 5LG3.

DATA SETS PRESENTED:

Survival data are presented by study as the actual number surviving to terminal sacrifice and as percent survival at terminal sacrifice (Tables 1 and 2). The only deaths recorded were two male animals, one in each of two separate studies. The cause of death for one of these males was accidental while the other was considered to be incidental and undetermined in the absence of any necropsy findings.

The overall incidences of histopathology findings, including neoplastic and non-neoplastic lesions, observed in any organ from all studies are reported and summarized in Tables 3 and 4, and individual study data is presented in Tables 5 and 6. For simplicity, the data included in this publication are grouped by organ/organ system and presented alphabetically. This publication contains positive findings only. Organs and/or organ systems that did not have any findings are not included in this publication.

SUMMARY TABLE CALCULATIONS FOR HISTOPATHOLOGY FINDINGS FROM ALL STUDIES:

The following describes how each of the parameters in the tables were calculated.

Number of Studies (# Studies)

This is the number of studies in which a particular tissue/organ was examined. In this presentation, the number of studies is 34 for males and 34 for females.

Total Number of Organs (Total # Organs)

This number represents the sum of the total number of tissues or organs examined in all control groups from all studies combined. Widespread tumors that showed involvement of multiple organs were listed on the basis of total number of animals examined. Occasionally a tumor would be noticed in a tissue not designated for histological examination by the study protocol. In these instances, the tumor incidence was based on the total number of animals examined as any such tumor or lesion would have been noticed on gross examination of the animal. Autolysis of tissues did not routinely exclude tissues from diagnosis. Some laboratories presented data separately for different regions within an organ (i.e., duodenum, jejunum and ileum) while most presented data by the organ (i.e., small intestine). When data were presented separately by organ region, they were grouped under the organ, and calculations were based on the number of organs examined.

Total Number of Lesions (# Lesions)

This represents the total number of occurrences of this lesion in the specified organ in all studies examined.

Percent of Total

These values represent the percent incidence of a particular lesion/diagnosis in the total number (all studies combined) of a particular organ examined. These values were calculated by dividing the total number of lesions by the total number of organs/animals examined and multiplying by 100 to express the values as a percent. Values are expressed to the second decimal place. Some caution is indicated in using this number, since not all pathologists or institutions will include all diagnoses in their lexicon.

Number of Studies Using This Diagnosis

This is the number of studies in which a particular diagnosis was reported. This number may be useful in interpreting the overall incidence (percent of total) of a particular diagnosis (see above).

Minimum and Maximum Percent Found (Minimum and Maximum % Found)

The range reported is the lowest and highest percent incidence for each lesion from the studies where the diagnosis was made. Therefore, if a study did not include a particular diagnosis, it was excluded from these calculations.

The minimum and maximum percent found values should be considered in conjunction with the Number of Studies Using the Diagnosis.

The individual study percentages, Minimum % Found and Maximum % Found, were calculated by dividing the number of times each diagnosis was made by the total number of organs examined in each study and then multiplying that value by 100 to express it as a percent. Values are expressed to the second decimal place.

NOMENCLATURE:

The terminology in the data tables is taken from the submitting institutions. Where different terms appeared to be used synonymously and where the putative synonyms were never used together within a single study, they were grouped together into a term appearing in the Society of Toxicologic Pathology Standardized System of Nomenclature and Diagnostic Criteria (3, 4).

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4. Standardized System of Nomenclature and Diagnostic Criteria (SSNDC) Guides, <http://www.toxpath.org/ssndc.asp>.

Table 1: Summary of Individual Study Information and Survival/Males

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Study Initiation Date | Jul-02 | Oct-04 | Oct-06 | Oct-07 | Dec-07 | Dec-07 | Jul-09 | Oct-07 | Mar-04 | Sep-07 | Sep-07 | Oct-08 |
| Total Number on Study | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 |
| Number Surviving to Termination | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 |
| % Survival | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 |
| Route of Control Article Administration | IV | IM | gavage | gavage | gavage | gavage | IV | gavage | PC | IV | gavage | |
| Study Identification | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| Study Initiation Date | Oct-04 | Aug-06 | Jul-09 | May-05 | Dec-07 | Sep-09 | Dec-06 | Mar-08 | Oct-04 | 1-Jan | Sep-09 | Mar-07 |
| Total Number on Study | 10 | 10 | 15 | 10 | 5 | 10 | 20 | 10 | 10 | 10 | 10 | 10 |
| Number Surviving to Termination | 10 | 10 | 14 | 10 | 5 | 10 | 20 | 10 | 10 | 10 | 10 | 10 |
| % Survival | 100.0 | 100.0 | 93.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Approximate Age at Necropsy in Weeks | 8 | 8 | 8 | 9 | 9 | 9 | 10 | 10 | 11 | 11 | 12 | 13 |
| Route of Control Article Administration | IM | gavage | IV | gavage | gavage | IV | gavage | gavage | gavage | gavage | IV | SC/IV |
| Study Identification | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | | |
| Study Initiation Date | Dec-09 | Sep-09 | Sep-09 | Oct-04 | Aug-06 | Jan-09 | Sep-07 | Sep-09 | Sep-09 | Sep-09 | Mar-07 | |
| Total Number on Study | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 5 | 10 | |
| Number Surviving to Termination | 12 | 4 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 5 | 10 | |
| % Survival | 100.0 | 80.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| Approximate Age at Necropsy in Weeks | 13 | 14 | 14 | 15 | 17 | 17 | 18 | 19 | 19 | 19 | 26 | |
| Route of Control Article Administration | gavage | gavage | gavage | gavage | gavage | IV | gavage | gavage | gavage | gavage | SC/IV | |

Table 2: Summary of Individual Study Information and Survival/Females

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Study Identification | Jul-02 | Oct-04 | Oct-06 | Oct-07 | Dec-07 | Oct-07 | Jul-09 | Oct-07 | Mar-04 | Sep-07 | Oct-07 | Oct-08 |
| Study Initiation Date | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 |
| Total Number on Study | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 |
| Number Surviving to Termination | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 |
| % Survival | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 7 | 7 |
| Route of Control Article Administration | IV | IM | gavage | gavage | gavage | gavage | IV | gavage | PC | IV | gavage | |
| Study Identification | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| Study Initiation Date | Oct-04 | Aug-06 | Jul-09 | May-05 | Dec-07 | Sep-09 | Dec-06 | Mar-08 | Oct-04 | Jan-09 | Sep-09 | Mar-07 |
| Total Number on Study | 10 | 10 | 15 | 10 | 5 | 10 | 20 | 10 | 10 | 10 | 10 | 10 |
| Number Surviving to Termination | 10 | 10 | 15 | 10 | 5 | 10 | 20 | 10 | 10 | 10 | 10 | 10 |
| % Survival | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Approximate Age at Necropsy in Weeks | 8 | 8 | 8 | 9 | 9 | 9 | 10 | 10 | 11 | 11 | 12 | 13 |
| Route of Control Article Administration | IM | gavage | IV | gavage | gavage | IV | gavage | gavage | gavage | gavage | IV | SC/IV |
| Study Identification | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | | |
| Study Initiation Date | Dec-09 | Sep-09 | Sep-09 | Oct-04 | Jan-09 | Aug-06 | Sep-07 | Sep-09 | Sep-09 | Sep-09 | Mar-07 | |
| Total Number on Study | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 5 | 10 | |
| Number Surviving to Termination | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 5 | 10 | |
| % Survival | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| Approximate Age at Necropsy in Weeks | 13 | 14 | 14 | 15 | 16 | 17 | 18 | 19 | 19 | 19 | 26 | |
| Route of Control Article Administration | gavage | gavage | gavage | gavage | gavage | IV | gavage | gavage | gavage | gavage | SC/IV | |

Table 3: Summary of Histopathology Findings/Males

| | | TOTAL | | #STUDIES | | |
|--|----------|----------|----------|------------|---------|---------|
| | | #ORGANS | PERCENT | USING THIS | MINIMUM | MAXIMUM |
| LOCATION AND FINDING | #STUDIES | #LESIONS | OF TOTAL | DIAGNOSIS | % FOUND | % FOUND |
| ABDOMINAL CAVITY | 34 | 318 | | | | |
| Necrosis,fat | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| | | | | | | |
| | | | | | | |
| ADRENAL | 34 | 318 | | | | |
| Fatty Infiltration:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Hypertrophy,adrenocortical:min. | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| Necrosis,focal | | 1 | 0.31 | 1 | 8.33 | 8.33 |
| Vacuolation,cortex:min. | | 16 | 5.03 | 4 | 10.00 | 80.00 |
| Vacuolation,cortex:mild | | 4 | 1.26 | 3 | 10.00 | 20.00 |
| | | | | | | |
| | | | | | | |
| BONE | 34 | 318 | | | | |
| Proliferation,osteochondrous,periosteal,focal | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| | | | | | | |
| | | | | | | |
| BRAIN | 34 | 318 | | | | |
| Dilatation,lateral ventricles:min. | | 2 | 0.63 | 2 | 10.00 | 20.00 |
| Dilatation,lateral ventricles:mild | | 2 | 0.63 | 2 | 10.00 | 20.00 |
| Hemorrhage:min. | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Necrosis,focal:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| | | | | | | |
| CECUM | 34 | 318 | | | | |
| Inflammation,mucosa,chronic:min. | | 6 | 1.89 | 5 | 10.00 | 20.00 |
| Inflammation,mucosa,chronic:mild | | 5 | 1.57 | 5 | 10.00 | 20.00 |
| Inflammation,mucosa,chronic:mod. | | 3 | 0.94 | 2 | 10.00 | 20.00 |
| | | | | | | |
| | | | | | | |
| EPIDIDYMIS | 34 | 318 | | | | |
| Exfoliated Spermatogenic Cells:min. | | 3 | 0.94 | 2 | 10.00 | 40.00 |
| Hypospermia,duct:marked | | 2 | 0.63 | 2 | 9.09 | 10.00 |
| Infiltration,mononuclear cell,focal/multifocal:min. | | 15 | 4.72 | 7 | 10.00 | 60.00 |
| Infiltration,mononuclear cell,focal/multifocal:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,lymphocytic:min. | | 13 | 4.09 | 3 | 20.00 | 70.00 |
| | | | | | | |
| | | | | | | |
| ESOPHAGUS | 34 | 318 | | | | |
| Degeneration,muscularis,focal:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Degeneration,muscularis,focal:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Degeneration,muscularis,focal:mod. | | 1 | 0.31 | 1 | 8.33 | 8.33 |
| | | | | | | |
| | | | | | | |
| EYE | 34 | 318 | | | | |
| Hemorrhage,conjunctiva,focal:mod. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Glaucoma,unilateral:mild | | 1 | 0.31 | 1 | 8.33 | 8.33 |
| Mineralization,cornea:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |

Table 3: Summary of Histopathology Findings/Males (continued)

| LOCATION AND FINDING | #STUDIES | TOTAL | #ORGANS OF TOTAL | #STUDIES USING THIS DIAGNOSIS | MINIMUM % FOUND | MAXIMUM % FOUND |
|---|----------|----------|---------------------|-------------------------------------|--------------------|--------------------|
| | | #LESIONS | | % FOUND | | |
| Retinopathy,focal:min. | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| Retinopathy,focal:mild | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| Retinopathy,focal:mod. | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| | | | | | | |
| HARDERIAN GLAND | 34 | 318 | | | | |
| Hemorrhage,unilateral,acute:min. | | 2 | 0.63 | 1 | 20.00 | 20.00 |
| Infiltration,lymphocytic:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Necrosis,unilateral,focal:min. | | 2 | 0.63 | 1 | 20.00 | 20.00 |
| Necrosis,unilateral,focal:mild | | 2 | 0.63 | 1 | 20.00 | 20.00 |
| | | | | | | |
| HEART | 34 | 318 | | | | |
| Cardiomyopathy,focal:min. | | 12 | 3.77 | 7 | 9.09 | 40.00 |
| Cardiomyopathy,focal:mod. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Fibrosis,focal:min. | | 1 | 0.31 | 1 | 6.67 | 6.67 |
| Hyperplasia,sarcolemma:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,lymphocytic:min. | | 2 | 0.63 | 1 | 20.00 | 20.00 |
| Infiltration,mononuclear cell:min. | | 3 | 0.94 | 2 | 6.67 | 16.67 |
| | | | | | | |
| JOINT | 34 | 318 | | | | |
| Inflammation,chronic-active,periosteum:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| KIDNEY | 34 | 318 | | | | |
| Adenoma,renal tubular,benign | | 1 | 0.31 | 1 | 8.33 | 8.33 |
| Basophilia,tubule:min. | | 18 | 5.66 | 8 | 8.33 | 60.00 |
| Basophilia,tubule:mild | | 3 | 0.94 | 3 | 10.00 | 20.00 |
| Congestion | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Cyst | | 13 | 4.09 | 8 | 6.67 | 40.00 |
| Degeneration,tubular:min. | | 3 | 0.94 | 1 | 27.27 | 27.27 |
| Dilatation,pelvis:min. | | 12 | 3.77 | 11 | 6.67 | 20.00 |
| Dilatation,pelvis:mild | | 18 | 5.66 | 12 | 6.67 | 40.00 |
| Dilatation,pelvis:mod. | | 7 | 2.20 | 6 | 8.33 | 20.00 |
| Dilatation,tubules:min. | | 5 | 1.57 | 1 | 50.00 | 50.00 |
| Dilatation,tubules:mod. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Fibrosis,focal:min. | | 5 | 1.57 | 3 | 13.33 | 40.00 |
| Hyaline Droplets,cortical tubules:mild | | 6 | 1.89 | 3 | 10.00 | 40.00 |
| Hypoplasia,cortex,focal:min. | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| Infiltration,lymphocytic:min. | | 7 | 2.20 | 2 | 20.00 | 50.00 |
| Infiltration,mononuclear:min. | | 19 | 5.97 | 4 | 20.00 | 90.00 |
| Infiltration,mononuclear:mild | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Inflammation,chronic:mild | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Mineralization:min. | | 6 | 1.89 | 6 | 6.67 | 10.00 |
| Mineralization:mild | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| Nephropathy,chronic progressive:min. | | 26 | 8.18 | 13 | 10.00 | 50.00 |
| Nephropathy,chronic progressive:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Proteinaceous Filtrate,tubule:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Pyelitis:min. | | 1 | 0.31 | 1 | 6.67 | 6.67 |
| | | | | | | |

Table 3: Summary of Histopathology Findings/Males (continued)

| | | TOTAL | | #STUDIES | | |
|--|----------|----------|----------|------------|---------|---------|
| | | #ORGANS | PERCENT | USING THIS | MINIMUM | MAXIMUM |
| LOCATION AND FINDING | #STUDIES | #LESIONS | OF TOTAL | DIAGNOSIS | % FOUND | % FOUND |
| LACRIMAL GLAND | 34 | 318 | | | | |
| Degeneration,vacuolar:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,lymphocytic:min. | | 5 | 1.57 | 2 | 20.00 | 30.00 |
| Infiltration,lymphocytic:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,mononuclear:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| LARGE INTESTINE/ANUS | 34 | 318 | | | | |
| Dilatation,glandular:min | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Hyperplasia,lymphocytic:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| LARYNX | 34 | 318 | | | | |
| Infiltration,lymphocytic:min. | | 4 | 1.26 | 2 | 10.00 | 30.00 |
| Infiltration,lymphocytic:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Inflammation,acute:min. | | 4 | 1.26 | 2 | 10.00 | 30.00 |
| LIVER | 34 | 318 | | | | |
| Altered cell foci | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Congestion:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Deformity | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Degeneration,vacuolar:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Ectasia,sinusoidal | | 1 | 0.31 | 1 | 8.33 | 8.33 |
| Erythropoiesis | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Fibrosis,capsule:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Hematopoiesis:min. | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Hematopoiesis:mild | | 8 | 2.52 | 4 | 10.00 | 50.00 |
| Inflammation | | 3 | 0.94 | 2 | 10.00 | 16.67 |
| Inflammation,chronic,focal/multifocal:min. | | 15 | 4.72 | 6 | 20.00 | 50.00 |
| Inflammation,subacute:min. | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Inflammation,subacute,periportal:min. | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Inflammation,subacute,necrotizing, subcapsular:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,fatty,hepatocellular | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| Infiltration,mixed cell:min. | | 5 | 1.57 | 1 | 50.00 | 50.00 |
| Infiltration,mononuclear:min. | | 25 | 7.86 | 4 | 25.00 | 100.00 |
| Infiltration,mononuclear:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Leukocytosis,sinusoidal,focal:mild | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| Microgranuloma,foreign body | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Necrosis,single cell:min. | | 4 | 1.26 | 2 | 20.00 | 20.00 |
| Necrosis,focal:min | | 6 | 1.89 | 5 | 6.67 | 20.00 |
| Vacuolation,hepatocellular:min. | | 6 | 1.89 | 3 | 10.00 | 30.00 |
| Vacuolation,hepatocellular:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| LUNG | 34 | 318 | | | | |
| Congestion:min. | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Edema,perivascular:min. | | 3 | 0.94 | 2 | 10.00 | 20.00 |
| Edema,perivascular:mild | | 5 | 1.57 | 2 | 10.00 | 40.00 |
| Emblous,foreign body/hair shaft:min. | | 8 | 2.52 | 2 | 10.00 | 46.67 |
| Fibrosis,pleura:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Hemorrhage,acute,focal/multifocal:mild | | 1 | 0.31 | 1 | 20.00 | 20.00 |

Table 3: Summary of Histopathology Findings/Males (continued)

| LOCATION AND FINDING | #STUDIES | TOTAL | #ORGANS OF TOTAL | #STUDIES USING THIS DIAGNOSIS | MINIMUM % FOUND | MAXIMUM % FOUND |
|---|----------|----------|---------------------|-------------------------------------|--------------------|--------------------|
| | | #LESIONS | | % FOUND | | |
| Hemorrhage:min. | | 11 | 3.46 | 5 | 6.67 | 40.00 |
| Hemorrhage:mild | | 5 | 1.57 | 4 | 6.67 | 20.00 |
| Histiocytosis,pulmonary:min. | | 2 | 0.63 | 1 | 20.00 | 20.00 |
| Hyperplasia,bronchiolo-alveolar:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Hyperplasia,lymphoid,peribronchial:mild | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Infiltration,histiocytic,alveolus:min. | | 5 | 1.57 | 2 | 10.00 | 40.00 |
| Infiltration,eosinophilic,periarterial | | 2 | 0.63 | 1 | 20.00 | 20.00 |
| Infiltration,lymphocytic,subpleural:min. | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Infiltration,macrophage,alveolus:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,neutrophilic,perivascular:min | | 8 | 2.52 | 4 | 6.67 | 50.00 |
| Inflammation,acute:min. | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Inflammation,interstitial,focal/multifocal:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Inflammation,subacute:min. | | 4 | 1.26 | 2 | 10.00 | 30.00 |
| Metaplasia,osseous,focal:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Mineralization,multifocal:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| LYMPH NODES | 34 | 318 | | | | |
| Congestion:min. | | 4 | 1.26 | 3 | 10.00 | 20.00 |
| Edema:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Edema:mild | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Erythrophagocytosis:min. | | 2 | 0.63 | 1 | 20.00 | 20.00 |
| Erythrophagocytosis:mild | | 4 | 1.26 | 1 | 40.00 | 40.00 |
| Erythrophagocytosis:mod. | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Hemorrhage:min. | | 3 | 0.94 | 2 | 10.00 | 20.00 |
| Hemosiderosis:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Hyperplasia,lymphocytic/plasmacytic:min. | | 9 | 2.83 | 5 | 10.00 | 20.00 |
| Hyperplasia,lymphocytic/plasmacytic:mild | | 12 | 3.77 | 4 | 10.00 | 60.00 |
| Hyperplasia,lymphocytic/plasmacytic:mod. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,inflammatory cell,sinus:min. | | 1 | 0.31 | 1 | 6.67 | 6.67 |
| Infiltration,histiocytic:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Plasmacytosis:mild | | 2 | 0.63 | 2 | 8.33 | 10.00 |
| Plasmacytosis:mod. | | 4 | 1.26 | 2 | 10.00 | 30.00 |
| PANCREAS | 34 | 318 | | | | |
| Apoptosis,acinar cell:min. | | 4 | 1.26 | 3 | 8.33 | 20.00 |
| Apoptosis,acinar cell:mild | | 1 | 0.31 | 1 | 8.33 | 8.33 |
| Atrophy,acinar cell,focal:mild | | 5 | 1.57 | 4 | 10.00 | 20.00 |
| Atrophy,acinar cell,focal:marked | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Fibrosis,islet cell,focal/multifocal:min. | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| Fibrosis,islet cell,focal/multifocal:mild | | 2 | 0.63 | 2 | 10.00 | 20.00 |
| Hemorrhage:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Necrosis,fat:marked | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,lymphocytic:min. | | 3 | 0.94 | 1 | 30.00 | 30.00 |
| Infiltration,mononuclear cell,focal:min. | | 3 | 0.94 | 3 | 8.33 | 10.00 |
| Inflammation,chronic-active,islet cell:min. | | 3 | 0.94 | 1 | 30.00 | 30.00 |
| Inflammation,chronic-active,islet cell:mod. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Inflammation,subacute:min. | | 2 | 0.63 | 2 | 9.09 | 10.00 |
| Inflammation,subacute:marked | | 1 | 0.31 | 1 | 10.00 | 10.00 |

Table 3: Summary of Histopathology Findings/Males (continued)

| | | TOTAL | | #STUDIES | | |
|--|----------|----------|----------|------------|---------|---------|
| | | #ORGANS | PERCENT | USING THIS | MINIMUM | MAXIMUM |
| LOCATION AND FINDING | #STUDIES | #LESIONS | OF TOTAL | DIAGNOSIS | % FOUND | % FOUND |
| PARATHYROID | 34 | 318 | | | | |
| Ectopia,min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| | | | | | | |
| PERIPHERAL NERVE | 34 | 318 | | | | |
| Degeneration:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,lymphocytic:min | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| | | | | | | |
| PITUITARY | 34 | 318 | | | | |
| Cyst | | 3 | 0.94 | 3 | 10.00 | 10.00 |
| | | | | | | |
| | | | | | | |
| PROSTATE | 34 | 318 | | | | |
| Atrophy,focal:min. | | 2 | 0.63 | 2 | 10.00 | 20.00 |
| Atrophy,focal:mild | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| Infiltration,lymphocytic:mild | | 6 | 1.89 | 2 | 20.00 | 40.00 |
| Infiltration,lymphocytic:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,mononuclear:min. | | 6 | 1.89 | 3 | 6.67 | 30.00 |
| Infiltration,mononuclear:mod. | | 2 | 0.63 | 1 | 20.00 | 20.00 |
| Inflammation,acute:min. | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Inflammation,acute:mild | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Inflammation,chronic,multifocal:min. | | 8 | 2.52 | 5 | 9.09 | 40.00 |
| Inflammation,chronic,multifocal:mild | | 7 | 2.20 | 5 | 10.00 | 40.00 |
| Inflammation,chronic,multifocal:mod. | | 3 | 0.94 | 3 | 10.00 | 20.00 |
| | | | | | | |
| | | | | | | |
| SEMINAL VESICLE | 34 | 318 | | | | |
| Accumulation,purulent,bilateral:mod. | | 1 | 0.31 | 1 | 8.33 | 8.33 |
| Inflammation,acute,bilateral:mild | | 1 | 0.31 | 1 | 8.33 | 8.33 |
| | | | | | | |
| | | | | | | |
| SKELETAL MUSCLE | 34 | 318 | | | | |
| Inflammation,chronic:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| | | | | | | |
| SKIN | 34 | 318 | | | | |
| Inflammation,acute,focal:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| | | | | | | |
| SMALL INTESTINE | 34 | 318 | | | | |
| Diverticulum:min. | | 1 | 0.31 | 1 | 8.33 | 8.33 |
| Infiltration,neutrophilic:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,lymphocytic,lymphatic,multifocal:min. | | 2 | 0.63 | 2 | 8.33 | 10.00 |
| Mineralization,Peyer's patches:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| | | | | | | |
| SPLEEN | 34 | 318 | | | | |
| Atrophy:min. | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| Erythropoiesis,increased:min. | | 2 | 0.63 | 1 | 20.00 | 20.00 |
| Hematopoiesis,extramedullary,increased:min. | | 7 | 2.20 | 4 | 5.00 | 40.00 |
| Hematopoiesis,extramedullary,increased:mild | | 3 | 0.94 | 2 | 10.00 | 20.00 |

Table 3: Summary of Histopathology Findings/Males (continued)

| LOCATION AND FINDING | #STUDIES | TOTAL | #ORGANS #LESIONS | PERCENT OF TOTAL | #STUDIES USING THIS DIAGNOSIS | MINIMUM % FOUND | MAXIMUM % FOUND |
|--|----------|-------|---------------------|---------------------|-------------------------------------|--------------------|--------------------|
| | | | | | | | |
| Hematopoiesis,extramedullary,increased:mod. | | 5 | | 1.57 | 1 | 50.00 | 50.00 |
| Pigmentation,increased:min. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | | |
| STOMACH | 34 | 318 | | | | | |
| Cyst,glandular | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Degeneration,vacuolar,non-glandular:min. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Dilatation,mucosal glands:min. | | 4 | | 1.26 | 4 | 9.09 | 20.00 |
| Edema,submucosa:mild | | 2 | | 0.63 | 2 | 10.00 | 10.00 |
| Inflammation,acute,granular:min. | | 2 | | 0.63 | 2 | 10.00 | 10.00 |
| Inflammation,subacute:mild | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Mineralization,glandular:min. | | 2 | | 0.63 | 1 | 20.00 | 20.00 |
| | | | | | | | |
| TAIL | 34 | 318 | | | | | |
| Degeneration,intervertebral disk:mod. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Exostosis,intervertebral disk | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Ossification,intervertebral disk | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Ankylosis | | 1 | | 0.31 | 1 | 5.00 | 5.00 |
| | | | | | | | |
| TESTIS | 34 | 318 | | | | | |
| Inflammation,subacute,arteriole:min | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Dilatation,tubular,focal:mild | | 1 | | 0.31 | 1 | 20.00 | 20.00 |
| Necrosis,multifocal:min. | | 1 | | 0.31 | 1 | 20.00 | 20.00 |
| | | | | | | | |
| THYMUS | 34 | 318 | | | | | |
| Congestion,multifocal:min. | | 2 | | 0.63 | 2 | 10.00 | 20.00 |
| Hemorrhage:min. | | 34 | | 10.69 | 10 | 10.00 | 80.00 |
| Hemorrhage:mild | | 5 | | 1.57 | 3 | 10.00 | 16.67 |
| Necrosis,multifocal:min. | | 3 | | 0.94 | 2 | 12.50 | 20.00 |
| | | | | | | | |
| THYROID | 34 | 318 | | | | | |
| Cyst | | 22 | | 6.92 | 7 | 8.33 | 60.00 |
| Depletion,colloidal:min | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Ectopic Tissue,thymus | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Hypertrophy/Hyperplasia,follicular epithelium:mild | | 3 | | 0.94 | 2 | 10.00 | 20.00 |
| | | | | | | | |
| TRACHEA | 34 | 318 | | | | | |
| Infiltration,lymphocytic:min. | | 3 | | 0.94 | 1 | 30.00 | 30.00 |
| Infiltration,mononuclear:min. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Inflammation,chronic,focal:min. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | | |
| URETER | 34 | 318 | | | | | |
| Infiltration,inflammatory cell:mod. | | 1 | | 0.31 | 1 | 6.67 | 6.67 |
| | | | | | | | |
| | | | | | | | |

Table 3: Summary of Histopathology Findings/Males (continued)

| | | TOTAL | | #STUDIES | | |
|-------------------------------------|----------|----------|----------|------------|---------|---------|
| | | #ORGANS | PERCENT | USING THIS | MINIMUM | MAXIMUM |
| LOCATION AND FINDING | #STUDIES | #LESIONS | OF TOTAL | DIAGNOSIS | % FOUND | % FOUND |
| URINARY BLADDER | 34 | 318 | | | | |
| Calculus | | 1 | 0.31 | 1 | 8.33 | 8.33 |
| Cystitis:mod. | | 1 | 0.31 | 1 | 6.67 | 6.67 |
| Hyperplasia,epithelial,diffuse:mild | | 1 | 0.31 | 1 | 5.00 | 5.00 |
| Infiltration,lymphocytic:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Inflammation,subacute,diffuse:min. | | 1 | 0.31 | 1 | 5.00 | 5.00 |

Table 4: Summary of Histopathology Findings /Females

| LOCATION AND FINDING | #STUDIES | TOTAL | #ORGANS #LESIONS | PERCENT OF TOTAL | #STUDIES | MINIMUM | MAXIMUM |
|---|----------|-------|---------------------|---------------------|------------|---------|---------|
| | | | | | USING THIS | | |
| ADRENAL | 34 | 319 | | | | | |
| Accessory cortical tissue | | 1 | | 0.31 | 1 | 20.00 | 20.00 |
| Ectasia,vascular:mild | | 2 | | 0.63 | 2 | 10.00 | 20.00 |
| Fatty Infiltration:min. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | | |
| BONE MARROW | 34 | 319 | | | | | |
| Ectasia,vascular:mild | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | | |
| BRAIN | 34 | 319 | | | | | |
| Dilatation,lateral ventricles:min. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Hemorrhage:min. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | | |
| CECUM | 34 | 319 | | | | | |
| Inflammation,mucosa,chronic:min. | | 6 | | 1.88 | 2 | 30.00 | 30.00 |
| Inflammation,mucosa,chronic:mild | | 9 | | 2.82 | 6 | 10.00 | 40.00 |
| Inflammation,mucosa,chronic:mod. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | | |
| ESOPHAGUS | 34 | 319 | | | | | |
| Degeneration,muscularis,focal:min. | | 2 | | 0.63 | 2 | 8.33 | 10.00 |
| Degeneration,muscularis,focal:mild | | 1 | | 0.31 | 1 | 8.33 | 8.33 |
| | | | | | | | |
| EYE | 34 | 319 | | | | | |
| Infiltration,mixed cell,conjunctiva,focal | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Phthisis Bulbi:marked | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Retinal Dysplasia,unilateral | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | | |
| HARDERIAN GLAND | 34 | 319 | | | | | |
| Hemorrhage,unilateral,acute:min. | | 5 | | 1.57 | 1 | 50.00 | 50.00 |
| Infiltration,lymphocytic:min. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,lymphocytic:mild | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,mononuclear cell:min. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Inflammation,chronic,focal:min. | | 3 | | 0.94 | 3 | 10.00 | 10.00 |
| Necrosis,unilateral,focal:min. | | 4 | | 1.25 | 1 | 40.00 | 40.00 |
| | | | | | | | |
| HEART | 34 | 319 | | | | | |
| Cardiomyopathy,focal:min. | | 2 | | 0.63 | 2 | 9.09 | 10.00 |
| Infiltration,lymphocytic:min. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,mononuclear:min. | | 2 | | 0.63 | 2 | 8.33 | 10.00 |
| Inflammation,subacute,epicardium:min. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| Inflammation,chronic,focal:min. | | 1 | | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | | |

Table 4: Summary of Histopathology Findings /Females (continued)

| | | TOTAL | | #STUDIES | | |
|--|----------|----------|----------|------------|---------|---------|
| LOCATION AND FINDING | #STUDIES | #ORGANS | PERCENT | USING THIS | MINIMUM | MAXIMUM |
| | | #LESIONS | OF TOTAL | DIAGNOSIS | % FOUND | % FOUND |
| KIDNEY | 34 | 319 | | | | |
| Basophilia,tubule:min. | | 9 | 2.82 | 5 | 10.00 | 30.00 |
| Cyst | | 15 | 4.70 | 9 | 6.67 | 40.00 |
| Degeneration,tubular:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Degeneration,tubular:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Dilatation,pelvis:min | | 9 | 2.82 | 9 | 6.67 | 20.00 |
| Dilatation,pelvis:mild | | 11 | 3.45 | 11 | 6.67 | 20.00 |
| Dilatation,pelvis:mod. | | 3 | 0.94 | 3 | 10.00 | 20.00 |
| Dilatation,tubular:min: | | 5 | 1.57 | 2 | 20.00 | 30.00 |
| Dilatation,tubular,focal:min. | | 2 | 0.63 | 2 | 20.00 | 20.00 |
| Fibrosis,focal:min. | | 3 | 0.94 | 2 | 6.67 | 20.00 |
| Fibrosis,focal:mild | | 1 | 0.31 | 1 | 6.67 | 6.67 |
| Hyperplasia,mesenchymal,focal:min: | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Hyperplasia,pelvic/papillary urothelium:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,inflammatory cell:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,lymphocytic:min. | | 6 | 1.88 | 3 | 10.00 | 40.00 |
| Infiltration,mononuclear cell:mild | | 7 | 2.19 | 3 | 10.00 | 30.00 |
| Inflammation,subacute:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Mineralization:min. | | 22 | 6.90 | 7 | 10.00 | 50.00 |
| Mineralization:mild | | 7 | 2.19 | 3 | 10.00 | 40.00 |
| Nephritis,chronic,focal:min. | | 2 | 0.63 | 1 | 22.22 | 22.22 |
| Nephroblastoma,embryonal | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Nephroblastoma,malignant | | 1 | 0.31 | 1 | 5.00 | 5.00 |
| Nephropathy,chronic,progressive:min. | | 26 | 8.15 | 10 | 20.00 | 60.00 |
| Nephropathy,chronic,progressive:mod. | | 4 | 1.25 | 3 | 10.00 | 20.00 |
| Proteinaceous Filtrate,tubule:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Pyelitis,chronic:mod. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| | | | | | | |
| LACRIMAL GLAND | 34 | 319 | | | | |
| Infiltration,lymphocytic:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| | | | | | | |
| LARGE INTESTINE/ANUS | 34 | 319 | | | | |
| Infiltration,lymphocytic,lymphatic,multifocal:mild | | 1 | 0.31 | 1 | 8.33 | 8.33 |
| Infiltration,lymphocytic,lymphatic,multifocal:mod. | | 1 | 0.31 | 1 | 8.33 | 8.33 |
| | | | | | | |
| | | | | | | |
| LARYNX | 34 | 319 | | | | |
| Hyperplasia,epithelial:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,lymphocytic:min. | | 6 | 1.88 | 2 | 20.00 | 40.00 |
| Inflammation,acute,glands:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| | | | | | | |
| LIVER | 34 | 319 | | | | |
| Altered cell foci | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Erythropoiesis:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Fatty Infiltration,hepatocellular,focal:mild | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| Fibrosis,capsule:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Hematopoiesis | | 7 | 2.19 | 3 | 10.00 | 40.00 |
| Infiltration,lymphocytic,focal:min. | | 1 | 0.31 | 1 | 8.33 | 8.33 |

Table 4: Summary of Histopathology Findings /Females (continued)

| | | TOTAL | | #STUDIES | | |
|---|----------|----------|----------|------------|---------|---------|
| LOCATION AND FINDING | #STUDIES | #ORGANS | PERCENT | USING THIS | MINIMUM | MAXIMUM |
| | | #LESIONS | OF TOTAL | DIAGNOSIS | % FOUND | % FOUND |
| Infiltration,mononuclear cell:min. | | 22 | 6.90 | 6 | 8.33 | 100.00 |
| Infiltration,mixed cell:min. | | 6 | 1.88 | 1 | 60.00 | 60.00 |
| Inflammation,chronic,focal/multifocal:min. | | 12 | 3.76 | 4 | 10.00 | 50.00 |
| Inflammation,perivascular:min. | | 3 | 0.94 | 1 | 30.00 | 30.00 |
| Necrosis,focal,subcapsular:min. | | 9 | 2.82 | 4 | 6.67 | 41.67 |
| Vacuolation,hepatocellular:min. | | 15 | 4.70 | 5 | 10.00 | 60.00 |
| | | | | | | |
| LUNG | 34 | 319 | | | | |
| Congestion:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Edema,perivascular:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Edema,perivascular:mild | | 5 | 1.57 | 1 | 50.00 | 50.00 |
| Embolus,foreign body/hair shaft:min. | | 12 | 3.76 | 2 | 33.33 | 70.00 |
| Fibrosis,alveolar,multifocal:mild | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| Hemorrhage:min. | | 3 | 0.94 | 2 | 10.00 | 20.00 |
| Hemorrhage:mod. | | 3 | 0.94 | 3 | 10.00 | 20.00 |
| Hyperplasia,bronchiolo-alveolar:min | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,eosinophilic,periarterial:min. | | 5 | 1.57 | 2 | 9.09 | 40.00 |
| Infiltration,lymphocytic,subpleural:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,lymphohistiocytic,peribranchiolar | | 2 | 0.63 | 1 | 20.00 | 20.00 |
| Infiltration,macrophage,alveolar:min | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,neutrophilic,perivascular:min. | | 5 | 1.57 | 3 | 10.00 | 20.00 |
| Inflammation,interstitial,focal/multifocal:mild | | 4 | 1.25 | 3 | 10.00 | 20.00 |
| Inflammation,chronic-active,multifocal:mild | | 4 | 1.25 | 3 | 10.00 | 20.00 |
| Pleuritis,chronic,focal:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| LYMPH NODES | 34 | 319 | | | | |
| Erythrophagocytosis:min. | | 10 | 3.13 | 2 | 10.00 | 90.00 |
| Hemorrhage:min. | | 3 | 0.94 | 2 | 10.00 | 20.00 |
| Hyperplasia,lymphocytic/plasmacytic:min | | 10 | 3.13 | 6 | 10.00 | 30.00 |
| Hyperplasia,lymphocytic/plasmacytic:mild | | 11 | 3.45 | 5 | 10.00 | 40.00 |
| Hyperplasia,lymphocytic/plasmacytic:mod. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Plasmacytosis,medullary:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Plasmacytosis,medullary:mild | | 3 | 0.94 | 1 | 30.00 | 30.00 |
| | | | | | | |
| MAMMARY GLAND | 34 | 319 | | | | |
| Hyperplasia,acinar cell,focal:mod. | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| | | | | | | |
| OVARY | 34 | 319 | | | | |
| Atrophy:marked | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Corpus luteum,cyst | | 2 | 0.63 | 1 | 20.00 | 20.00 |
| Mineralization:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| PANCREAS | 34 | 319 | | | | |
| Atrophy,acinar cell,focal:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,lymphocytic:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Infiltration,mononuclear cell:min. | | 3 | 0.94 | 1 | 30.00 | 30.00 |

Table 4: Summary of Histopathology Findings /Females (continued)

| | | TOTAL | | #STUDIES | | |
|---|----------|----------|----------|------------|---------|---------|
| LOCATION AND FINDING | #STUDIES | #ORGANS | PERCENT | USING THIS | MINIMUM | MAXIMUM |
| | | #LESIONS | OF TOTAL | DIAGNOSIS | % FOUND | % FOUND |
| PERIPHERAL NERVE | 34 | 319 | | | | |
| Inflammation,subacute,focal:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| PHARYNX | 34 | 319 | | | | |
| Inflammation,subacute,muscle:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| PITUITARY | 34 | 319 | | | | |
| Cyst | | 3 | 0.94 | 1 | 30.00 | 30.00 |
| Malformation/Anomaly | | 1 | 0.31 | 1 | 9.09 | 9.09 |
| SALIVARY GLAND | 34 | 319 | | | | |
| Hemorrhage,acute:mild. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Inflammation,chronic,focal:min. | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Necrosis,focal:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| SKIN | 34 | 319 | | | | |
| Inflammation,acute,focal:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Microgranuloma:min. | | 1 | 0.31 | 1 | 20.00 | 20.00 |
| SMALL INTESTINE | 34 | 319 | | | | |
| Granuloma,focal:mild | | 2 | 0.63 | 1 | 18.18 | 18.18 |
| Mineralization,Peyer's patches | | 3 | 0.94 | 1 | 30.00 | 30.00 |
| SPINAL CORD | 34 | 319 | | | | |
| Cyst,epidermal | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| SPLEEN | 34 | 319 | | | | |
| Accessory splenic tissue | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Hematopoiesis,extramedullary,increased:mild | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Hematopoiesis,extramedullary,increased:mod. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Hyperplasia,lymphoid | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Irregular capsule | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| STOMACH | 34 | 319 | | | | |
| Cyst,glands | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Degeneration,vacuolar,non-glandular:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Dilatation,mucosal glands:min. | | 3 | 0.94 | 3 | 10.00 | 20.00 |
| Hyperplasia,tunica muscularis,focal:mild | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Necrosis,single cell,glandular:min. | | 2 | 0.63 | 1 | 20.00 | 20.00 |
| TAIL | 34 | 319 | | | | |
| Inflammation,neutrophilic:marked | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| Necrosis,soft tissue:mod. | | 1 | 0.31 | 1 | 10.00 | 10.00 |

Table 4: Summary of Histopathology Findings /Females (continued)

| | | TOTAL | | #STUDIES | | |
|---------------------------------|----------|----------|----------|------------|---------|---------|
| LOCATION AND FINDING | #STUDIES | #ORGANS | PERCENT | USING THIS | MINIMUM | MAXIMUM |
| | | #LESIONS | OF TOTAL | DIAGNOSIS | % FOUND | % FOUND |
| THYMUS | 34 | 319 | | | | |
| Congestion,multifocal:min. | | 4 | 1.25 | 4 | 10.00 | 20.00 |
| Hemorrhage:min. | | 24 | 7.52 | 9 | 6.67 | 60.00 |
| Hemorrhage:mild | | 7 | 2.19 | 4 | 8.33 | 30.00 |
| Necrosis,multifocal:min. | | 7 | 2.19 | 3 | 20.00 | 33.33 |
| | | | | | | |
| THYROID | 34 | 319 | | | | |
| Cyst | | 18 | 5.64 | 5 | 10.00 | 70.00 |
| Ectopic Tissue,thymus:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| TRACHEA | 34 | 319 | | | | |
| Infiltration,lymphocytic:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| Inflammation,chronic,focal:min. | | 2 | 0.63 | 2 | 10.00 | 10.00 |
| | | | | | | |
| URINARY BLADDER | 34 | 319 | | | | |
| Infiltration,lymphocytic:min. | | 1 | 0.31 | 1 | 10.00 | 10.00 |
| | | | | | | |
| UTERUS | 34 | 319 | | | | |
| Dilatation:min. | | 3 | 0.94 | 2 | 10.00 | 40.00 |
| Dilatation:mild | | 2 | 0.63 | 1 | 20.00 | 20.00 |
| Dilatation:mod. | | 13 | 4.08 | 7 | 10.00 | 30.00 |

Table 5: Incidence of Histopathology Findings by Study/Male

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|----|----|---|----|---|---|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 9 | 9 |
| ABDOMINAL CAVITY | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Necrosis,fat | | | | | | | | | | | | | | | | | |
| ADRENAL | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Fatty Infiltration:min. | | | | | | | | | | | | | | | | | 1 |
| Hypertrophy,adrenocortical:min. | | | | | | | | | | | | | | | | | |
| Necrosis,focal | | | | | | | | | | | | | | | | | 1 |
| Vacuolation,cortex:min. | | | | | | | | | | | | | | | | | |
| Vacuolation,cortex:mild | | | | | | | | | | | | | | | | | 1 |
| BONE | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Proliferation,osteochondrous,periosteal,focal | | | | | | | | | | | | | | | | | |
| BRAIN | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Dilatation,lateral ventricles:min. | | | | | | | | | | | | | | | | | |
| Dilatation,lateral ventricles:mild | | | | | | | | | | | | | | | | | 1 |
| Hemorrhage:min. | | | | | | | | | | | | | | | | | |
| Necrosis,focal:min. | | | | | | | | | | | | | | | | | |
| CECUM | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Inflammation,mucosa,chronic:min. | | | | | | | | | | | | | | | | | |
| Inflammation,mucosa,chronic:mild | | | | | | | | | | | | | | | | | 1 |
| Inflammation,mucosa,chronic:mod. | | | | | | | | | | | | | | | | | 1 |
| | 1 | | 2 | | | | | | | | | | | | | | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|----|----|---|----|---|---|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 9 | 9 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| EPIDIDYMIS | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Exfoliated Spermatogenic Cells:min. | 1 | | | | | | | | | | | | | | | | 2 |
| Hypospermia,duct:marked | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear cell,focal/multifocal:min. | 1 | | | 1 | | | | | 2 | | | | | | | | 1 |
| Infiltration,mononuclear cell,focal/multifocal:mild | | | | 1 | | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | | | | | | | |
| ESOPHAGUS | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Degeneration,muscularis,focal:min. | | | | | | | | | | | | | | | | | 1 |
| Degeneration,muscularis,focal:mild | | | | | | | | | | | | | | | | | 1 |
| Degeneration,muscularis,focal:mod. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| EYE | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Hemorrhage,conjunctiva,focal:mod. | | | | | | | | | | | | | | | | | |
| Glaucoma,unilateral:mild | | | | | | | | | | | | | | | | | |
| Mineralization,cornea:min. | | | | | | | | | | | | | | | | | |
| Retinopathy,focal:min. | | | | | | | | | | | | | | | | | |
| Retinopathy,focal:mild | | | | | | | | | | | | | | | | | |
| Retinopathy,focal:mod.. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| HARDERIAN GLAND | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Hemorrhage,unilateral,acute:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Necrosis,unilateral,focal:min. | | | | | | | | | | | | | | | | | |
| Necrosis,unilateral,focal:mild | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|----|----|---|----|---|---|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 9 | 9 |
| HEART | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Cardiomyopathy,focal:min. | | | | | | | | | | | | | | | | | |
| Cardiomyopathy,focal:mod. | | | | | | | | | | | | | | | | | |
| Fibrosis,focal:min. | | | | | | | | | | | | | | | | | |
| Hyperplasia,sarcolemma:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear cell:min. | | | | | | | | | | | | | | | | | |
| JOINT | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Inflammation,chronic-active,periosteum:mild | | | | | | | | | | | | | | | | | |
| KIDNEY | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Adenoma,renal tubular:benign | | | | | | | | | | | | | | | | | |
| Basophilia,tubule:min. | 1 | | | | | | | | | | | | | | | | |
| Basophilia,tubule:mild | | | | | | | | | | | | | | | | | |
| Congestion | | | | | | | | | | | | | | | | | |
| Cyst | 4 | | | | | | | | | | | | | | | | |
| Degeneration,tubular:min. | | | | | | | | | | | | | | | | | |
| Dilatation,pelvis:min. | 1 | | | | | | | | | | | | | | | | |
| Dilatation,pelvis:mild | | | | | | | | | | | | | | | | | |
| Dilatation,pelvis:mod. | 1 | | | | | | | | | | | | | | | | |
| Dilatation,tubules:min. | | | | | | | | | | | | | | | | | |
| Dilatation,tubules:mod. | | | | | | | | | | | | | | | | | |
| Fibrosis,focal:min. | | | | | | | | | | | | | | | | | |
| Hyaline Droplets,cortical tubules:mild | | | | | | | | | | | | | | | | | |
| Hypoplasia,cortex,focal:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear:min. | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear:mild | | | | | | | | | | | | | | | | | |
| Inflammation,chronic:mild | | | | | | | | | | | | | | | | | |
| Mineralization:min. | 1 | | | | | | | | | | | | | | | | |
| Mineralization:mild | | | | | | | | | | | | | | | | | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--------------------------------------|----|----|---|----|---|---|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 8 | 8 | 8 | 9 | 9 |
| Nephropathy,chronic progressive:min. | | 1 | 1 | 1 | | | | 1 | 2 | | | | | | 5 | 2 | |
| Nephropathy,chronic progressive:mild | | | | | | | | | | | | | | | | 1 | |
| Proteinaceous Filtrate,tubule:min. | | | | | | | | | | | | | | | | | |
| Pyelitis:min | | | | | | | | | | | | | | | 1 | | |
| | | | | | | | | | | | | | | | | | |
| LACRIMAL GLAND | | | | | | | | | | | | | | | | | |
| Degeneration,vacuolar:min. | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:mild | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| LARGE INTESTINE/ANUS | | | | | | | | | | | | | | | | | |
| Dilatation,glandular:min | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Hyperplasia,lymphocytic:min. | | | | | | | | | | | | | | | 1 | | |
| | | | | | | | | | | | | | | | | | |
| LARYNX | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Infiltration,lymphocytic:mild | | | | | | | | | | | | | | | | | |
| Inflammation,acute:min. | | | | | | | | | | | | | | | | 1 | |
| | | | | | | | | | | | | | | | | | |
| LIVER | | | | | | | | | | | | | | | | | |
| Altered cell foci | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Congestion:min. | | | | | | | | | | | | | | | | | |
| Deformity | | | | | | | | | | | | | | | | 1 | |
| Degeneration,vacuolar:min. | | | | | | | | | | | | | | | | | |
| Ectasia,sinusoidal | | | | | | | | | | | | | | | | | |
| Erythropoiesis | | | | | | | | | | | | | | | | | |
| Fibrosis,capsule:min. | | | | | | | | | | | | | | | | | |
| Hematopoiesis:min. | | | | | | | | | | | | | | | | | |
| Hematopoiesis:mild | 5 | | | | | | | | | | | | | | 1 | | |
| | | | | | | | | | | | | | | | 1 | | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 1-17:

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|----|----|---|----|---|---|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 8 | 8 | 8 | 9 | 9 |
| Inflammation,acute:min. | | | | | | | | | | | | | | | | | |
| Inflammation,interstitial,focal/multifocal:min. | | | | | | | | | | | | | | | | | |
| Inflammation,subacute:min. | | | | | | | | | | | | | | | | | 1 |
| Metaplasia,osseus,focal:min. | | | | | | | | | | | | | | | | | |
| Mineralization,multifocal:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| LYMPH NODES | | | | | | | | | | | | | | | | | |
| Congestion:min. | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 10 | 10 | 5 |
| Edema:min. | | | | | | | | | | | | | | | | | 2 |
| Edema:mild | | | | | | | | | | | | | | | | | |
| Erythrophagocytosis:min. | 2 | | | | | | | | | | | | | | | | |
| Erythrophagocytosis:mild | 4 | | | | | | | | | | | | | | | | |
| Erythrophagocytosis:mod. | 1 | | | | | | | | | | | | | | | | |
| Hemorrhage:min. | | | | | | | | | | | | | | | | | |
| Hemosiderosis:mild | | | | | | | | | | | | | | | | | |
| Hyperplasia,lymphocytic/plasmacytic:min. | | | | | | | | 1 | | | | | | | | | |
| Hyperplasia,lymphocytic/plasmacytic:mild | | | | | | | 2 | | | | | | | | | | |
| Hyperplasia,lymphocytic/plasmacytic:mod. | | | | | | | | | | | | | | | | | 1 |
| Infiltration,inflammatory cell,sinus:min. | | | | | | | | | | | | | | | | | 1 |
| Infiltration,histiocytic:min. | | | | | | | | | | | | | | | | | |
| Plasmacytosis:mild | | | | | | | | | | | | | | | | | |
| Plasmacytosis:mod. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| PANCREAS | | | | | | | | | | | | | | | | | |
| Apoptosis,acinar cell:min. | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 10 | 5 | |
| Apoptosis,acinar cell:mild | | | | | | | | | | | | | | | | | |
| Atrophy,acinar cell,focal:marked | | | | | | | | | | | | | | | | | 2 |
| Fibrosis,islet cell,focal/multifocal:min. | | | | | | | | | | | | | | | | | |
| Fibrosis,islet cell,focal/multifocal:mild | | | | | | | | | | | | | | | | | |
| Hemorrhage:min. | | | | | | | | | | | | | | | | | |
| Necrosis,fat:marked | | | | | | | | | | | | | | | | | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|----|----|---|----|---|---|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 8 | 8 | 8 | 9 | 9 |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear cell,focal:min. | | | | | | | | | | | | | | | | | |
| Inflammation,chronic-active,islet cell:min. | | | | | | | | | | | | | | | | | |
| Inflammation,chronic-active,islet cell:mod. | | | | | | | | | | | | | | | | | |
| Inflammation,subacute:min. | | | | | | | | | | | | | | | | | |
| Inflammation,subacute:marked | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| PARATHYROID | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Ectopia:min. | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | |
| PERIPHERAL NERVE | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Degeneration:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:min | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| PITUITARY | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Cyst | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| PROSTATE | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Atrophy,focal:min. | | | | | | | | | | | | | | | | | |
| Atrophy,focal:mild | | | | | | | | | | | | | | | | | 1 |
| Infiltration,lymphocytic:mild | | | | | | | | | | | | | | | | | 1 |
| Infiltration,lymphocytic:mod | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear:min. | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear:mod. | | | | | | | | | | | | | | | | | |
| Inflammation,acute:min. | | | | | | | | | | | | | | | | | |
| Inflammation,acute:mild | | | | | | | | | | | | | | | | | |
| Inflammation,chronic,multifocal:min. | | | | | | | | | | | | | | | | | 1 |
| Inflammation,chronic,multifocal:mild | | | | | | | | | | | | | | | | 1 | |
| Inflammation,chronic,multifocal:mod. | | | | | | | | | | | | | | | | 1 | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|----|----|---|----|---|---|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 8 | 8 | 8 | 9 | 9 |
| SEMINAL VESICLE | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Accumulation,purulent,bilateral:mod. | | | | | | | | | | | | | | | | | |
| Inflammation,acute,bilateral:mild | | | | | | | | | | | | | | | | | |
| SKELETAL MUSCLE | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Inflammation,chronic:mild | | | | | | | | | | | | | | | | | |
| SKIN | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Inflammation,acute,focal:min. | | | | | | | | | | | | | | | | | |
| SMALL INTESTINE | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Diverticulum:min. | | | | | | | | | | | | | | | | | |
| Infiltration,neutrophilic:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic,lymphatic,multifocal:min. | | | | | | | | | | | | | | | | | |
| Mineralization,Peyer's patches:min. | | | | | | | | | | | | | | | | | |
| SPLEEN | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Atrophy:min. | | | | | | | | | | | | | | | | | |
| Erythropoiesis,increased:min. | | | | | | | | | | | | | | | | | |
| Hematopoiesis,extramedullary,increased:min. | 3 | | | | | | | | | | | | | | | | |
| Hematopoiesis,extramedullary,increased:mod. | 2 | | | | | | | | | | | | | | 1 | | |
| Hematopoiesis,extramedullary,increased:mod. | 5 | | | | | | | | | | | | | | | | |
| Pigmentation,increased:min. | | | | | | | | | | | | | | | | | |
| STOMACH | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Cyst,glandular | | | | | | | | | | | | | | | 1 | | |
| Degeneration,vacuolar,non-glandular:min. | | | | | | | | | | | | | | | | | |
| Dilatation,mucosal glands:min. | 1 | | | | | | | | | | | | | | | | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|----|----|---|----|---|---|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 9 | 9 |
| Edema, submucosa:mild | | | | | | | | | | | | | | | | | |
| Inflammation, acute, granular:min. | | | | | | | | | | | | | | | | | |
| Inflammation, subacute:mild | | | | | | | | | | | | | | | | | |
| Mineralization,glandular:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| TAIL | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Degeneration,intervertebral disk:mod. | | | | | | | | | | | | | | | | | |
| Exostosis,intervertebral disk | | | | | | | | | | | | | | | | | |
| Ossification,intervertebral disk | | | | | | | | | | | | | | | | | |
| Ankylosis | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| TESTIS | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Inflammation,subacute,arteriole:min. | | | | | | | | | | | | | | | | | |
| Dilatation,tubular,focal:mild | | | | | | | | | | | | | | | | | |
| Necrosis,multifocal:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| THYMUS | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Congestion,multifocal:min. | | | | | | | | | | | | | | | | | |
| Hemorrhage:min. | | | | | | | | | | | | | | | | | |
| Hemorrhage:mild | | | | | | | | | | | | | | | | | |
| Necrosis,multifocal:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| THYROID | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Cyst | | | | | | | | | | | | | | | | | |
| Depletion,colloidal:min. | | | | | | | | | | | | | | | | | |
| Ectopic Tissue,thymus | | | | | | | | | | | | | | | | | |
| Hyper trophy/Hyperplasia,follicular epithelium:mild | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)**Studies 1-17:**

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 |
| TRACHEA | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear:min. | | | | | | | | | | | | | | | | | |
| Inflammation,chronic,focal:min | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| URETER | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Infiltration,inflammatory cell:mod. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| URINARY BLADDER | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 15 | 10 | 12 | 8 | 10 | 10 | 10 | 15 | 10 | 5 |
| Calculus | | | | | | | | | | | | | | | | | |
| Cystitis:mod. | | | | | | | | | | | | | | | | | |
| Hyperplasia,epithelial,diffuse:mild | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Inflammation,subacute,diffuse:min. | | | | | | | | | | | | | | | | | |

Table 5: Incidence of Histopathology Findings by Study/Male

Studies 18-34:

| | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Study Identification | | | | | | | | | | | | | | | | | |
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 17 | 17 | 18 | 19 | 19 | 26 |
| ABDOMINAL CAVITY | | | | | | | | | | | | | | | | | |
| Necrosis,fat | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| | | | | | | | | | | | | | | | | | |
| ADRENAL | | | | | | | | | | | | | | | | | |
| Fatty Infiltration:min. | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Hypertrophy,adrenocortical:min. | | | | | | | | | | | | | | | | | |
| Necrosis,focal | | | | | | | | | | | | | | | 1 | | |
| Vacuolation,cortex:min. | | | | | | | | | | | | | | | 1 | 6 | |
| Vacuolation,cortex:mild | | | | | | | | | | | | | | | 1 | 2 | |
| | | | | | | | | | | | | | | | | | |
| BONE | | | | | | | | | | | | | | | | | |
| Proliferation,osteochondrous,periosteal,focal | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| | | | | | | | | | | | | | | | | | |
| BRAIN | | | | | | | | | | | | | | | | | |
| Dilatation,lateral ventricles:min. | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Dilatation,lateral ventricles:mild | | | | | | | | | | | | | | | | | |
| Hemorrhage:min. | | | | | | | | | | | | | | | 1 | | |
| Necrosis,focal:min. | | | | | | | | | | | | | | | 1 | | |
| | | | | | | | | | | | | | | | | | |
| CECUM | | | | | | | | | | | | | | | | | |
| Inflammation,mucosa,chronic:min. | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Inflammation,mucosa,chronic:mild | | | | | | | | | | | | | | | 1 | | |
| Inflammation,mucosa,chronic:mod. | | | | | | | | | | | | | | | 1 | | |
| | | | | | | | | | | | | | | | | | |
| EPIDIDYMIS | | | | | | | | | | | | | | | | | |
| Exfoliated Spermatogenic Cells:min. | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Hypospermia,duct:marked | | | | | | | | | | | | | | | 1 | | 1 |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 17 | 17 | 18 | 19 | 19 | 26 |
| Infiltration,mononuclear cell,focal/multifocal:min. | | | | | | | | | | | | | | | | | 6 |
| Infiltration,mononuclear cell,focal/multifocal:mild | | | | | 2 | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | 4 | | | |
| | | | | | | | | | | | | | | | | | |
| ESOPHAGUS | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Degeneration,muscularis,focal:min. | | | | | | | | | | | | | | | | | |
| Degeneration,muscularis,focal:mild | | | | | | | | | | | | | | | | | |
| Degeneration,muscularis,focal:mod. | | | | | | | | | | | | 1 | | | | | |
| | | | | | | | | | | | | | | | | | |
| EYE | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Hemorrhage,conjunctiva,focal:mod. | | | | | | | | 1 | | | | | | | | | |
| Glaucoma,unilateral:mild | | | | | | | | | 1 | | | | | | | | |
| Mineralization,cornea:min. | | | | | | | | | 1 | | | | | | | | |
| Retinopathy,focal:min. | | | | | | | | | | 1 | | | | | | | |
| Retinopathy,focal:mild | | | | | | | | | | 1 | | | | | | | |
| Retinopathy,focal:mod. | | | | | | | | | | | | 1 | | | | | |
| | | | | | | | | | | | | | | | | | |
| HARDERIAN GLAND | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Hemorrhage,unilateral,acute:min. | | | | | | | | 2 | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | 1 | | | |
| Necrosis,unilateral,focal:min. | | | | | | | | | 2 | | | | | | | | |
| Necrosis,unilateral,focal:mild | | | | | | | | | 2 | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| HEART | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Cardiomyopathy,focal:min. | | | | | | | | | | | | | | | | 3 | |
| Cardiomyopathy,focal:mod. | | | | | | | | | | | | | | | 1 | | |
| Fibrosis,focal:min. | | | | | | | | | | | | | | | | | 1 |
| Hyperplasia,sacolemma:min. | | | | | | | | | | | | 1 | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | 2 | | |
| Infiltration,mononuclear cell:min. | | | | | | | | | | | | | | | 2 | | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)**Studies 18-34:**

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 17 | 17 | 18 | 19 | 19 | 26 |
| JOINT | | | | | | | | | | | | | | | | | |
| Inflammation,chronic-active;peristem:mild | | | | | | | | | | | | | | | | | |
| KIDNEY | | | | | | | | | | | | | | | | | |
| Adenomat,renal tubular;benign | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Basophilia,tubule:min. | | | | | | | | | 1 | 1 | 1 | 1 | 1 | | | | |
| Basophilia,tubule:mild | | | | | | | | | 3 | 4 | 1 | 1 | 1 | | | | 6 |
| Congestion | | | | | | | | | | 1 | 1 | 1 | 1 | | | | 1 |
| Cyst | | | | | | | | | | 1 | 1 | | | | | | |
| Degeneration,tubular:min. | | | | | | | | | | | | | | 3 | | | |
| Dilatation,pelvis:min. | | | | | | | | | 1 | 1 | 1 | | 1 | | 2 | | |
| Dilatation,pelvis:mild | | | | | | | | | 2 | 2 | 1 | 1 | 1 | | 2 | | 1 |
| Dilatation,pelvis:mod. | | | | | | | | | | | | 1 | 1 | | | | 1 |
| Dilatation,tubules:min. | | | | | | | | | | | | | | | | | 2 |
| Dilatation,tubules:mod. | | | | | | | | | | | | | | | | | 5 |
| Fibrosis,focal:min. | | | | | | | | | | | | | | | | 1 | |
| Hyaline Droplets,cortical tubules:mild | | | | | | | | | | | | | | | | 2 | 1 |
| Hypoplasia,cortex,focal:min. | | | | | | | | | | | | | | | | 4 | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | 2 | | |
| Infiltration,mononuclear:min. | | | | | | | | | | | | | | | 6 | | |
| Infiltration,mononuclear:mild | | | | | | | | | | | | | | | 3 | | 9 |
| Inflammation,chronic:mild | | | | | | | | | | | | | | | 1 | | |
| Mineralization:min. | | | | | | | | | | | | | | | 1 | | 1 |
| Mineralization:mild | | | | | | | | | | | | | | | 1 | | |
| Nephropathy,chronic progressive:min. | | | | | | | | | | | | | | | 1 | | |
| Nephropathy,chronic progressive:mild | | | | | | | | | | | | | | | 1 | | 2 |
| Proteinaceous Filtrate,tubule:min. | | | | | | | | | | | | | | | 1 | | |
| Pyelitis:min. | | | | | | | | | | | | | | | 3 | 3 | 1 |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 17 | 17 | 18 | 19 | 19 | 26 |
| LA CRIMAL GLAND | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 5 | 10 |
| Degeneration,vacuolar:min. | | | | | 1 | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | 3 | | | | | | | | | 2 | | | |
| Infiltration,lymphocytic:mild | | | | | | | | | | | | | 1 | | | | |
| Infiltration,mononuclear:min. | | | | | | | | | | | | 1 | | | | | |
| | | | | | | | | | | | | | | | | | |
| LARGE INTESTINE/ANUS | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Dilatation,glandular:min | | | | | | | | | | | | | | | | | |
| Hyperplasia,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| LARYNX | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Infiltration,lymphocytic:min. | | | | | | | | 3 | | | | | | 1 | | | |
| Infiltration,lymphocytic:mild | | | | | | | | 1 | | | | | | | | | |
| Inflammation,acute:min. | | | | | | | | 1 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| LIVER | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Altered cell foci | | | | | | | | 1 | | | | | | | | | |
| Congestion:min. | | | | | | | | | | | | | | | | | |
| Deformity | | | | | | | | 1 | | | | | | 1 | | | |
| Degeneration,vacuolar:min. | | | | | | | | | | | | | | | | | |
| Ectasia,sinusoidal | | | | | | | | | | | | | | 1 | | | |
| Erythropoiesis | | | | | | | | | | | | 1 | | | 1 | | |
| Fibrosis,capsule:min. | | | | | | | | | | | | | | | | | |
| Hematopoiesis:min. | | | | | | | | | | | | | | | | | |
| Hematopoiesis:mild | | | | | | | | | | | | 1 | | | | | |
| Inflammation | | | | | | | | | | | | | | | 1 | | |
| Inflammation,chronic,focal/multifocal:min. | | | | | | | | | 2 | 3 | | | 1 | | | | |
| Inflammation,subacute:min. | | | | | | | | | | 1 | | | | 1 | | | |
| Inflammation,subacute,periportal:min. | | | | | | | | | | | 1 | | | | | | |
| Inflammation,subacute,necrotizing,subcapsular:mild | | | | | | | | | | | 1 | | | | | | |
| Infiltration,fatty,hepatocellular | | | | | | | | | | | | | | | | 1 | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 17 | 17 | 18 | 19 | 19 | 26 |
| Infiltration,mixed cell:min. | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear:min. | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear:mild | | | | | | | | | | | | | | | | | |
| Leukocytosis,sinusoidal,focal:mild | | | | | | | | | | | | | | | | | |
| Microgranuloma,foreign body | | | | | | | | | | | | | | | | | |
| Necrosis,single cell:min. | | | | | | | | | | | | | | | | | |
| Necrosis,focal:min | | | | | | | | | | | | | | | | | |
| Vacuolation,hepatocellular:min. | | | | | | | | | | | | | | | | | |
| Vacuolation,hepatocellular:mild | | | | | | | | | | | | | | | | | |
| LUNG | | | | | | | | | | | | | | | | | |
| Congestion:min. | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 |
| Edema,perivascular:min. | | | | | | | | | | | | | | | | | |
| Edema,perivascular:mild | | | | | | | | | | | | | | | | | |
| Emblous,foreign body/hair shaft:min. | | | | | | | | | | | | | | | | | |
| Fibrosis,pleura:mild | | | | | | | | | | | | | | | | | |
| Hemorrhage,acute,focal/multifocal:mild | | | | | | | | | | | | | | | | | |
| Hemorrhage:min. | | | | | | | | | | | | | | | | | |
| Hemorrhage:mild | | | | | | | | | | | | | | | | | |
| Histiocytosis,pulmonary:min. | | | | | | | | | | | | | | | | | |
| Hyperplasia,bronchiolo-alveolar:min. | | | | | | | | | | | | | | | | | |
| Hyperplasia,lymphoid,peribronchial:mild | | | | | | | | | | | | | | | | | |
| Infiltration,histiocytic,alveolus:min | | | | | | | | | | | | | | | | | |
| Infiltration,eosinophilic,periarterial | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic,subpleural:min. | | | | | | | | | | | | | | | | | |
| Infiltration,macrophage,alveolus:mild | | | | | | | | | | | | | | | | | |
| Infiltration,neutrophilic,perivascular:min | | | | | | | | | | | | | | | | | |
| Inflammation,acute:min. | | | | | | | | | | | | | | | | | |
| Inflammation,interstitial,focal/multifocal:min. | | | | | | | | | | | | | | | | | |
| Inflammation,subacute:min. | | | | | | | | | | | | | | | | | |
| Metaplasia,osseus,focal:min. | | | | | | | | | | | | | | | | | |
| Mineralization,multifocal:min. | | | | | | | | | | | | | | | | | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 17 | 17 | 18 | 19 | 19 | 26 |
| LYMPH NODES | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 5 | 10 |
| Congestion:min. | | | 1 | 1 | | | | | | | | | | | | | |
| Edema:min | | | | | | | | | | | | | | 1 | | | |
| Edema:mild | | | | | | | | | | | | | | 1 | | | |
| Erythrophagocytosis:min. | | | | | | | | | | | | | | 1 | | | |
| Erythrophagocytosis:mild | | | | | | | | | | | | | | 1 | | | |
| Erythrophagocytosis:mod. | | | | | | | | | | | | | | | | | |
| Hemorrhage:min. | | | | | | | | | | | | | 2 | | | | |
| Hemosiderosis:mild | | | | | | | | 1 | | | | | | | | | |
| Hyperplasia,lymphocytic/plasmacytic:min. | | | | | | | 2 | | | | | | | | | | |
| Hyperplasia,lymphocytic/plasmacytic:mild | | | | | | | | | | | | | | | | | |
| Hyperplasia,lymphocytic/plasmacytic:mod. | | | | | | | | | | | | | | | | | |
| Infiltration,inflammatory cell,sinus:min. | | | | | | | | | | | | | | 1 | | | |
| Infiltration,histiocytic:min. | | | | | | | | | | | | | | | 1 | | |
| Plasmacytosis:mild | | | | | | | | | | | | | 1 | | | | 1 |
| Plasmacytosis:mod. | | | | | | | | | | | | | 1 | | | | 3 |
| PANCREAS | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 5 | 10 |
| Apoptosis,acinar cell:min. | | | | | | | | 1 | | | 1 | | | 2 | | | |
| Apoptosis,acinar cell:mild | | | | | | | | | | | 1 | | | | | | |
| Atrophy,acinar cell,focal;mild | | | | | | | | | | | | | 1 | | | | 1 |
| Atrophy,acinar cell,focal;marked | | | | | | | | | | | | | | | | | 1 |
| Fibrosis,islet cell,focal/multifocal:min. | | | | | | | | | | | | | 1 | | | | 1 |
| Fibrosis,islet cell,focal/multifocal:mild | | | | | | | | | | | | | 1 | | | | 1 |
| Hemorrhage:min. | | | | | | | | | | | | | | | | | |
| Necrosis,fat:marked | | | | | | | | | | | | | | | | 1 | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | 3 | | |
| Infiltration,mononuclear cell,focal:min. | | | | | | | | | | | | | | | | | 3 |
| Inflammation,chronic-active,islet cell:min. | | | | | | | | | | | | | | | | | 1 |
| Inflammation,chronic-active,islet cell:mod. | | | | | | | | | | | | | | | | | 1 |
| Inflammation,subacute:min. | | | | | | | | | | | | | | | | | 1 |
| Inflammation,subacute:marked | | | | | | | | | | | | | | | | | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|--------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 17 | 17 | 18 | 19 | 19 | 26 |
| PARATHYROID | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Ectopic/min. | | | | | | | | | | | | | | | | | |
| PERIPHERAL NERVE | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Degeneration:min. | | | | | | | 1 | | | | | | | | | | |
| Infiltration,lymphocytic:min | | | | | | | | | | | | | | 1 | | | |
| PITUITARY | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Cyst | | | | | | | | 1 | | | | | | | | | 1 |
| PROSTATE | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Atrophy,focal:min. | | | | | | | | | | | | | | | | | |
| Atrophy,focal:mild | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:mild | | | | | | | 2 | | | | | | | 4 | | | |
| Infiltration,lymphocytic:mild | | | | | | | 1 | | | | | | | | | | |
| Infiltration,mononuclear:min. | | | | | | | | 2 | | | | | | | | | 3 |
| Infiltration,mononuclear:mod. | | | | | | | | 2 | | | | | | | | | |
| Inflammation,acute:min. | | | | | | | | | | | | | 1 | | | | 1 |
| Inflammation,acute:mild | | | | | | | | | 1 | | | | | | | | |
| Inflammation,chronic,multifocal:min. | | | | | | | | | 1 | | | | 1 | | | | |
| Inflammation,chronic,multifocal:mild | | | | | | | | | 2 | | | | | | 2 | 1 | |
| Inflammation,chronic,multifocal:mod. | | | | | | | | | | 2 | | | 1 | | | 1 | |
| SEMINAL VESICLE | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Accumulation,purulent,bilateral:mod. | | | | | | | | | | | | 1 | | | | | |
| Inflammation,acute,bilateral:mild | | | | | | | | | | | | 1 | | | | | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 17 | 17 | 18 | 19 | 19 | 26 |
| SKELETAL MUSCLE | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Inflammation,chronic:mild | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| SKIN | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Inflammation,acute,focal:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| SMALL INTESTINE | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Diverticulum:min. | | | | | | | | | 1 | | | | | | | | |
| Infiltration,neutrophilic:min. | | | | | | | | 1 | | | | | | | | | |
| Infiltration,lymphocytic,lymphatic,multifocal:min. | | | | | | | | | 1 | | | | | | | | |
| Mineralization,Peyer's patches:min. | | | | | | | | | | 1 | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| SPLEEN | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Atrophy:min. | | | | | | | | | | | | | | | | | |
| Erythropoiesis,increased:min. | | | | | | | | | | | | | | | 2 | | |
| Hematopoiesis,extramedullary,increased:min. | | | | | | | | | | | | | | | 2 | | |
| Hematopoiesis,extramedullary,increased:mod. | | | | | | | | | | | | | | | | | |
| Pigmentation,increased:min. | | | | | | | | | | | | | | | 1 | | |
| | | | | | | | | | | | | | | | | | |
| STOMACH | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Cyst,glandular | | | | | | | | | | | | | | | | | |
| Degeneration,vacuolar,non-glandular:min. | | | | | | | | | | | | | | | | | |
| Dilatation,mucosal glands:min. | | | | | | | | | | | | | | | 1 | 1 | |
| Edema,submucosa:mild | | | | | | | | | | | | | | | | | |
| Inflammation,acute,granular:min. | | | | | | | | | | | | | | | 1 | | |
| Inflammation,subacute:mild | | | | | | | | | | | | | | | 1 | | |
| Mineralization,glandular:min. | | | | | | | | | | | | | | | 2 | | |
| | | | | | | | | | | | | | | | | | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 17 | 17 | 18 | 19 | 19 | 26 |
| TAIL | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 5 | 10 |
| Degeneration,intervertebral disk:mod. | | | | 1 | | | | | | | | | | | | | |
| Exostosis,intervertebral disk | | | | 1 | | | | | | | | | | | | | |
| Ossification,intervertebral disk | | | | 1 | | | | | | | | | | | | | |
| Ankylosis | | | | 1 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| TESTIS | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Inflammation,subacute,arteriole:min | | | | | 1 | | | | | | | | | | | | |
| Dilatation,tubular,focal:mild | | | | | | | | | | | | | | 1 | | | |
| Necrosis,multifocal:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| THYMUS | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Congestion,multifocal,min. | | | | | | | | | | | | | | | 1 | | 1 |
| Hemorrhage:min. | 2 | | | | | | | 4 | 2 | 1 | 6 | | | 4 | 8 | | 4 |
| Hemorrhage:mild | | 2 | 1 | | | | | | | 2 | | | | | | | |
| Necrosis,multifocal:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| THYROID | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Cyst | | | | | 1 | 2 | | | 6 | 1 | | | | 5 | | 5 | |
| Depletion,colloidal:min | | | | | | | | | 1 | | | | | | | | |
| Ectopic Tissue,thymus | | | | | | | | | | 1 | | | | | | | |
| Hypertrophy/Hyperplasia/follicular epithelium:mild | | | | | 2 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| TRACHEA | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Infiltration,lymphocytic:min. | | | | | | 3 | | | | | | | | | | | |
| Infiltration,mononuclear:min. | | | | | | | | | 1 | | | | | 1 | | | |
| Inflammation,chronic,focal:min. | | | | | | | | | | | | | | | | | |

Table 5: Incidence of Histopathology Findings by Study/Male (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|--------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 17 | 17 | 18 | 19 | 19 | 26 |
| URETER | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Infiltration,inflammatory cell:mod. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| URINARY BLADDER | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 11 | 10 | 10 | 5 | 5 | 10 |
| Calculus | | | | | | | | | 1 | | | | | | | | |
| Cystitis:mod. | | | | | | | | | | | | | | | | | |
| Hyperplasia,epithelial,diffuse:mild | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Inflammation,subacute,diffuse:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Studies 1-17:

Table 6: Incidence of Histopathology Findings by Study/Female

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|----|----|---|----|---|----|---|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 |
| ADRENAL | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Accessory cortical tissue | | | 1 | | | | | | | | | | | | | | |
| Ectasia:vascular:mild | | | | | | | | | | | | | | | 1 | 1 | |
| Fatty infiltration:min. | | | | | | | | | | | | | | | 1 | | |
| BONE MARROW | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Ectasia:vascular:mild | | | | | | | | | | | | | | | | | 1 |
| BRAIN | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Dilatation,lateral ventricles:min. | | | | | | | | | | | | | | | | | |
| Hemorrhage:min. | | | | | | | | | | | | | | | | | |
| CECUM | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Inflammation,mucosa,chronic:min. | | | | | 3 | | 3 | | | | | | | | | | |
| Inflammation,mucosa,chronic:mild | | | 1 | 2 | 1 | | | | | | | | | | | | 1 |
| Inflammation,mucosa,chronic:mod. | | | | | | | | | | | | | | | | | |
| ESOPHAGUS | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Degeneration,muscularis,focal:min. | | | | | | | | | | | | | | | | | |
| Degeneration,muscularis,focal:mild | | | | | | | | | | | | | | 1 | | | |
| EYE | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Infiltration,mixed cell,conjunctiva,focal | | | | | | | | | | | | | | | | | |
| Phthisis Bulbi:marked | | | | | | | | | | | | | | | | | |
| Retinal Dysplasia,unilateral | | | | | | | | | | | | | | | | | |

Table 6: Incidence of Histopathology Findings by Study/Female (continued)

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|----|----|---|----|---|----|---|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 |
| HARDERIAN GLAND | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Hemorrhage,unilateral,acute:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:mild | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear cell:min. | | | | | | | | | | | | | | | | | |
| Inflammation,chronic,focal:min. | 1 | | | | | | | | | | | | | | | | |
| Necrosis,unilateral,focal:min. | | | | | | | | | | | | | | | | | |
| HEART | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Cardiomyopathy,focal:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear:min. | | | | | | | | | | | | | | | | | |
| Inflammation,subacute,epicardium:min. | | | | | | | | | | | | | | | | | |
| Inflammation,chronic,focal:min. | 1 | | | | | | | | | | | | | | | | |
| KIDNEY | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Basophilic,tubule:min. | 3 | | | | | | | | | | | | | | | | |
| Cyst | 2 | | 3 | 1 | 1 | | | | 1 | 4 | | | | | | | 1 |
| Degeneration,tubular:min. | | | | | | | | | | | | | | | | | |
| Degeneration,tubular:mild | | | | | | | | | | | | | | | | | |
| Dilatation,pelvis:min | 1 | | 1 | | | | | | | | 1 | | | | | | 1 |
| Dilatation,pelvis:mild | | | | | 1 | | | | | | 1 | | | | | 1 | 1 |
| Dilatation,pelvis:mod. | | | | 1 | | | | | | | 1 | | | | | 1 | 1 |
| Dilatation,tubular:min | | | | | | | | | | | | | | | | | |
| Dilatation,tubular,focal:min. | | | | | | | | | | 1 | | | | | | | |
| Fibrosis,focal:min. | | | | | | | | | | | | 1 | | | | | |
| Fibrosis,focal,mild | | | | | | | | | | | 1 | | | | | | |
| Hyperplasia,mesenchymal,focal:min. | | | | | | | | | 1 | | | | | | | | |
| Hyperplasia,pelvic/papillary urothelium:min. | | | | | | | | | | | | | | | | | |
| Infiltration,inflammatory cell:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear cell:mild | | | | | | | | | | | | | | | 1 | | |

Table 6: Incidence of Histopathology Findings by Study/Female (continued)

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|----|----|---|----|---|----|---|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 |
| Inflammation,subacute:mild | | | | | | | | | | | | | | | | | 1 |
| Mineralization:min. | | | | | | | | | 3 | | | | 3 | | | | 4 |
| Mineralization:mild | | | | | | | | | | | | 1 | 4 | | | | 2 |
| Nephritis,chronic,focal:min. | | | | | | | | | | | | 2 | | | | | |
| Nephroblastoma,embryonal | | | | | | | | | 1 | | | | | | | | |
| Nephroblastoma,malignant | | | | | | | | | | | | | | | | | |
| Nephropathy,chronic,progressive:min. | | 2 | | 1 | 3 | 3 | 2 | 3 | 2 | | | 2 | | | | | 6 |
| Nephropathy,chronic,progressive:mod. | | | | 2 | | | | | | | | | | | | | |
| Proteinaceous Filtrate,tubule:min. | | | | | | | | | | | | | 1 | | | | |
| Pyelitis,chronic:mod. | | | | | | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | |
| LACRIMAL GLAND | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | |
| LARGE INTESTINE/ANUS | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Infiltration,lymphocytic,lymphatic,multifocal:mild | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic,lymphatic,multifocal:mod. | | | | | | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | |
| LARYNX | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Hyperplasia,epithelial:mild | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Inflammation,acute,glands:min. | | | | | | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | |
| LIVER | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Altered cell foci | | | | | | | | | | | | | | | | | |
| Erythropoiesis:min. | | | | | | | | | | | | | | | | | |
| Fatty Infiltration,hepatocellular,focal:mild | | | | | | | | | | | | | | | | | |
| Fibrosis,capsule:min. | | | | | | | | | | | | | | | | | |
| Hematopoiesis | 4 | | | | | | | | | | | | | | 1 | | 2 |
| Infiltration,lymphocytic,focal:min. | | | | | | | | | | | | | | | | | |

Table 6: Incidence of Histopathology Findings by Study/Female (continued)

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|----|----|---|----|---|----|---|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 |
| Infiltration,mononuclear cell:min. | | | | | | | | | | | 1 | 1 | | | | | 1 |
| Infiltration,mixed cell:min. | | | | | | | | | | | | | | | | | 6 |
| Inflammation,chronic,focal/multifocal:min. | 1 | | | | | | | | | | | | | | | | 2 |
| Inflammation,perivascular:min. | | | | | | | | | | | | | | | | | |
| Necrosis,focal,subcapsular:min. | | | | | | | | | | | 2 | 5 | | | 1 | | |
| Vacuolation,hepatocellular:min. | | | | | | | | | | | | | 3 | | 1 | | |
| | | | | | | | | | | | | | | | | | |
| LUNG | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Congestion:min. | | | | | | | | | | | | | | | | | 1 |
| Edema,perivascular:min. | | | | | | | | | | | | | | | | | |
| Edema,perivascular:mild | | | | | | | | | | | | | | | | | |
| Embolus,foreign body/hair shaft:min. | | | | | | | | | 5 | | | | | | | | |
| Fibrosis,alveolar,multifocal:mild | | | | | | | | | | | | | | | | | |
| Hemorrhage:min. | | | | | | | | | | | | | | | 1 | | |
| Hemorrhage:mod. | | | | | | | | | | | | | | 1 | | | |
| Hyperplasia,bronchiolo-alveolar:min | | | | | | | | | | | | | | | | | 1 |
| Infiltration,eosinophilic,perarterial:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic,subpleural:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphohistiocytic,peribronchiolar | | | | | | | | | | | | | | | | | 2 |
| Infiltration,macrophage,alveolar:min | | | | | | | | | | | | | | | | | |
| Infiltration,neutrophilic,perivascular:min. | | | | | | | | | | | | | | | | | |
| Inflammation,interstitial,focal/multifocal:mild | | | | | | | | | | | | | | | | | |
| Inflammation,chronic-active,multifocal:mild | | | | | | | | | | | | | | | | | |
| Pleuritis,chronic,focal:min. | 1 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| LYMPH NODES | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Erythrophagocytosis:min | 9 | | | | | | | | | | | | | | | 1 | |
| Hemorrhage:min. | | | | | | | | | | | | | | | | | |
| Hyperplasia,lymphocytic/plasmacytic:min | 1 | | 1 | | | | | | | | | 3 | 2 | | | 2 | |
| Hyperplasia,lymphocytic/plasmacytic:mild | 2 | | 1 | | | | | | | | | 3 | 3 | | | 4 | |
| Hyperplasia,lymphocytic/plasmacytic:mod. | | | | | | | | | | | | | | | | | |
| Plasmacytosis,medullary:min. | | | | | | | | | | | | | | | | | |

Table 6: Incidence of Histopathology Findings by Study/Female (continued)

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--------------------------------------|----|----|---|----|---|----|---|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 |
| Plasmacytosis,medullary:mild | | | | | | | | | | | | | | | | | |
| MAMMARY GLAND | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Hyperplasia,acinar cell,focal:mod. | | | | | | | | | | | | | | | | | |
| OVARY | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Atrophy:marked | | | | | | | | | | | | | | | | | |
| Corpus luteum,Cyst | | | | | | | | | | | | | | | | | |
| Mineralization:min. | | | | | | | | | | | | | | | | | |
| PANCREAS | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Atrophy,acinar cell,focal:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:min | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear cell:min. | | | | | | | | | | | | | | | | | |
| PERIPHERAL NERVE | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Inflammation,subacute,focal:min. | | | | | | | | | | | | | | | | | |
| PHARYNX | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Inflammation,subacute,muscle:min. | | | | | | | | | | | | | | | | | |
| PITUITARY | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Cyst | | | | | | | | | | | | | | | | | |
| Malformation/Anomaly | | | | | | | | | | | | | | | | | |
| SALIVARY GLAND | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Hemorrhage,acute:mild | | | | | | | | | | | | | | | 1 | | |
| Inflammation,chronic,focal:min. | | | | | | | | | | | | | | | 1 | | |

Table 6: Incidence of Histopathology Findings by Study/Female (continued)

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|----|----|---|----|---|----|---|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 |
| Necrosis,focal:mild | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| SKIN | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Inflammation,acute,focal:mild | | | | | | | | | | | | | | | | | |
| Microgranuloma:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| SMALL INTESTINE | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Granuloma,focal:mild | | | | | | | | | | | | | | | | | |
| Mineralization,Peyer's patches | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| SPINAL CORD | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Cyst,epidermal | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| SPLEEN | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Accessory splenic tissue | | | | | | | | | | | | | | | | | |
| Hematopoiesis,extramedullary,increased:mild | | | | | | | | | | | | | | | | | |
| Hematopoiesis,extramedullary,increased:mod. | | | | | | | | | | | | | | | | | |
| Hyperplasia,lymphoid | | | | | | | | | | | | | | | | | |
| Irregular capsule | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| STOMACH | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Cyst,glands | | | | | | | | | | | | | | | | | |
| Degeneration,vacuolar,non-glandular:min. | | | | | | | | | | | | | | | | | |
| Dilatation,mucosal glands:min. | | | | | | | | | | | | | | | | | |
| Hyperplasia,tunica muscularis,focal:mild | | | | | | | | | | | | | | | | | |
| Necrosis,single cell,glandular:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Table 6: Incidence of Histopathology Findings by Study/Female (continued)

Studies 1-17:

| Study Identification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--------------------------------------|----|----|---|----|---|----|---|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 |
| TAIL | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Inflammation,neutrophilic:marked | | | | | | | | | | | | | 1 | | | | 1 |
| Necrosis,soft tissue:mod. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| THYMUS | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Congestion,multifocal:min. | | | | | | | | | | | | 1 | | | | | |
| Hemorrhage:min. | | | | | | | | | 1 | | | | | | | | 2 |
| Hemorrhage:mild | | | | | | | | | | | | | 3 | | | | 3 |
| Necrosis,multifocal:min. | | | | | | | | 3 | | | | | 3 | | | | 1 |
| | | | | | | | | | | | | | | | | | |
| THYROID | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Cyst | | | | | | | | | | | | 1 | | | | | 1 |
| Ectopic Tissue,thymus:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| TRACHEA | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Inflammation,chronic,focal:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| URINARY BLADDER | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| UTERUS | 10 | 10 | 5 | 10 | 5 | 10 | 5 | 15 | 10 | 12 | 9 | 10 | 10 | 10 | 15 | 10 | 5 |
| Dilatation:min. | | | | | | | | | | | | | | | | | |
| Dilatation:mild | | | | | | | | | | | | | | | | | |
| Dilatation:mod. | 1 | 2 | | | | | | | | 3 | | | 3 | | | | 1 |

Studies 18-34:

Table 6: Incidence of Histopathology Findings by Study/Female

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 16 | 17 | 18 | 19 | 19 | 26 |
| ADRENAL | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 5 | 10 |
| Accessory cortical tissue | | | | | | | | | | | | | | | | | |
| Ectasia:vascular:mild | | | | | | | | | | | | | | | | | |
| Fatty Infiltration:min. | | | | | | | | | | | | | | | | | |
| BONE MARROW | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 5 | 10 |
| Ectasia:vascular:mild | | | | | | | | | | | | | | | | | |
| BRAIN | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 5 | 10 |
| Dilatation,lateral ventricles:min. | | | | | 1 | | | | | | | | | | | | |
| Hemorrhage:min. | | | | | | | | | | | | | 1 | | | | |
| CECUM | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 5 | 10 |
| Inflammation,mucosa,chronic:min. | | | | | | | | | | | | | | | | | |
| Inflammation,mucosa,chronic:mild | | | | | | | | | | | | | | | | | |
| Inflammation,mucosa,chronic:mod. | | | | | | | | | | | | | | | | | |
| ESOPHAGUS | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 5 | 10 |
| Degeneration,muscularis,focal:min. | | | | | | | | | | | | | | | | | |
| Degeneration,muscularis,focal:mild | | | | | | | | | | | | | | | | | |
| EYE | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 5 | 10 |
| Infiltration,mixed cell,conjunctiva,focal | | | | | | | | | | | | | | | | | |
| Phthisis Bulbi:marked | | | | | | | | | | | | | | | | | |
| Retinal Dysplasia,unilateral | | | | | | | | | | | | | | | | | |

Table 6: Incidence of Histopathology Findings by Study/Female (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 15 | 16 | 17 | 18 | 19 | 19 |
| HARDERIAN GLAND | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 10 |
| Hemorrhage,unilateral,acute:min. | | | | | 5 | | | | | | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic:mild | | | | | | | | | | | | | | | | | |
| Infiltration,mononuclear cell:min. | | | | | | | | 1 | | | | | | | | | |
| Inflammation,chronic,focal:min. | | | | 1 | | | | | | | | | | | | | |
| Necrosis,unilateral,focal:min. | | | | 4 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| HEART | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 |
| Cardiomyopathy,focal:min. | | | | 1 | | | | | | | | | | | 1 | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | 1 | | | |
| Infiltration,mononuclear:min. | | | | | | | | | | 1 | | | | 1 | | | |
| Inflammation,subacute,epicardium:min. | | | | | | | | | | | | | 1 | | | | |
| Inflammation,chronic,focal:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| KIDNEY | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 |
| Basophilic,tubule:min. | | | | | 1 | | | | | | | | | | 1 | | |
| Cyst | | | | | | | | | | | | | | | 1 | 1 | 1 |
| Degeneration,tubular:min. | | | | | | | | | | | | | | | | | |
| Degeneration,tubular:mild | | | | | | | | | | | | | | | | | |
| Dilatation,pelvis:min | 1 | | | | 1 | 1 | | | | | 1 | | | | | | |
| Dilatation,pelvis:mild | | | | | 1 | | | | | | 1 | | | 1 | 1 | | |
| Dilatation,pelvis:mod. | | | | | | | | | | | | | | | | | |
| Dilatation,tubular:min: | | | | | | | | | | | | | | | | | |
| Dilatation,tubular:focal:min. | | | | | | | | | | | | | | | | | |
| Fibrosis,focal:min. | | | | | | | | | | | | | | | | | |
| Fibrosis,focal:mild | | | | | | | | | | | | | | | | | |
| Hyperplasia,mesenchymal,focal:min. | | | | | | | | | | | | | | | | | |
| Hyperplasia,pelvic/papillary urothelium:min. | | | | | | | | | | | | | 1 | | | | |
| Infiltration,inflammatory cell:min. | | | | | | | | | | | | | 1 | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | | | | | | 4 | | |
| Infiltration,mononuclear cell:mild | | | | | | | | | | | | | 1 | 3 | | | 3 |

Table 6: Incidence of Histopathology Findings by Study/Female (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 16 | 17 | 18 | 19 | 19 | 26 |
| Inflammation, subacute:mild | | | | | | | | | | | | | | | | | |
| Mineralization:min. | | | | 3 | | | | 5 | | | | 1 | | | | 1 | 3 |
| Mineralization:mild | | | | | | | | | | | | | | | | | |
| Nephritis, chronic,focal:min. | | | | | | | | | | | | | | | | | |
| Nephroblastoma,embryonal | | | | | | | | | | | | | | | | | |
| Nephroblastoma,malignant | 1 | | | | | | | | | | | | | | | | |
| Nephropathy,chronic,progressive:min. | | | | 2 | | | | | | | | 2 | | | | | |
| Nephropathy,chronic,progressive:mod. | | | | 1 | | | | | | | 1 | | | | | | |
| Proteinaceous Filtrate,tubule:min. | | | | | | | | | | | 1 | | | | | | |
| Pyelitis,chronic:mod. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| LACRIMAL GLAND | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 10 |
| Infiltration,lymphocytic:min | | | | | | | | | | | | | | | 1 | | |
| | | | | | | | | | | | | | | | | | |
| LARGE INTESTINE/ANUS | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 10 |
| Infiltration,lymphocytic,lymphatic,multifocal:mild | | | | | | | | | | 1 | | | | | | | |
| Infiltration,lymphocytic,lymphatic,multifocal:mod. | | | | | | | | | | 1 | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| LARYNX | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 |
| Hyperplasia,epithelial:mild | | | | | | | | | | | | | | | 1 | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | 2 | | | | | 4 | | |
| Inflammation,acute:glands:min. | | | | | | | | | | | | | | | 1 | | |
| | | | | | | | | | | | | | | | | | |
| LIVER | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 10 |
| Altered cell foci | 1 | | | | | | | | | | | | | | | | |
| Erythropoiesis:min. | | | | | | | | | | | | | | | 1 | | |
| Fatty Infiltration,hepatocellular,focal:mild | | | | | | | | | | | | | | 1 | | 1 | |
| Fibrosis,capsule:min. | | | | | | | | | | | | | | | | | |
| Hematopoiesis | | | | | | | | | | | | | | | 1 | | |
| Infiltration,lymphocytic,focal:min. | | | | | | | | | | | | | | | | | |

Table 6: Incidence of Histopathology Findings by Study/Female (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 15 | 16 | 17 | 18 | 19 | 19 |
| Infiltration,mononuclear cell:min. | | | | | | | | | | | | | | | | | 26 |
| Infiltration,mixed cell:min. | | | | | | | | | | | | | | | | | |
| Inflammation,chronic,focal/multifocal:min. | | | | | | | | | | | | | | | | | |
| Inflammation,perivascular:min. | | | | | | | | | | | | | | | | | 3 |
| Necrosis,focal,subcapsular:min. | | | | | | | | | | | | | | | | | |
| Vacuolation,hepatocellular:min. | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | |
| LUNG | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 |
| Congestion:min. | | | | | | | | | | | | | | | | | 10 |
| Edema,perivascular:min. | | | | | | | | | | | | | | | | | |
| Edema,perivascular:mild | | | | | | | | | | | | | | | | | |
| Embolus,foreign body/hair shaft:min. | | | | | | | | | | | | | | | | | |
| Fibrosis,alveolar,multifocal:mild | | | | | | | | | | | | | | | | | |
| Hemorrhage:min. | | | | | | | | | | | | | | | | | |
| Hemorrhage:mod. | | | | | | | | | | | | | | | | | |
| Hyperplasia,bronchiolo-alveolar:min | | | | | | | | | | | | | | | | | |
| Infiltration,eosinophilic,perarterial:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphocytic,subpleural:min. | | | | | | | | | | | | | | | | | |
| Infiltration,lymphohistiocytic,peribronchiolar | | | | | | | | | | | | | | | | | 1 |
| Infiltration,macrophage,alveolar:min | | | | | | | | | | | | | | | | | |
| Infiltration,neutrophilic,perivascular:min. | | | | | | | | | | | | | | | | | |
| Inflammation,interstitial,focal/multifocal:mild | | | | | | | | | | | | | | | | | |
| Inflammation,chronic-active,multifocal:mild | | | | | | | | | | | | | | | | | |
| Pleuritis,chronic,focal:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| LYMPH NODES | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 |
| Erythrophagocytosis:min. | | | | | | | | | | | | | | | | | 10 |
| Hemorrhage:min. | | | | | | | | | | | | | | | | | |
| Hyperplasia,lymphocytic/plasmacytic:min | | | | | | | | | | | | | | | | | |
| Hyperplasia,lymphocytic/plasmacytic:mild | | | | | | | | | | | | | | | | | |
| Hyperplasia,lymphocytic/plasmacytic:mod. | | | | | | | | | | | | | | | | | |
| Plasmacytosis,medullary:min. | | | | | | | | | | | | | | | | | 1 |

Table 6: Incidence of Histopathology Findings by Study/Female (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|--------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 16 | 17 | 18 | 19 | 19 | 26 |
| Plasmacytosis,medullary:mild | | | | | | | | | | | | | | | | | 3 |
| MAMMARY GLAND | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 10 |
| Hyperplasia,acinar cell,focal:mod. | | | | | | | | | | 1 | | | | | | | |
| OVARY | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 10 |
| Atrophy:marked | | | | | | | | | | | | | | | | | 1 |
| Corpus luteum,cyst | | | | | | | | | | | | | | | | | 2 |
| Mineralization:min. | | | | | | | | | 1 | | | | | | | | |
| PANCREAS | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 10 |
| Atrophy,acinar cell,focal:min. | | | | | | | | | | 1 | | | | | | | |
| Infiltration,lymphocytic:min. | | | | | | | | | | 1 | | | | | | | |
| Infiltration,mononuclear cell:min. | | | | | | | | | | | | | | | | | 3 |
| PERIPHERAL NERVE | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 10 |
| Inflammation,subacute,focal:min. | | | | | | | | | | 1 | | | | | | | |
| PHARYNX | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 10 |
| Inflammation,subacute,muscle:min. | | | | | | | | | | 1 | | | | | | | |
| PITUITARY | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 10 |
| Cyst | | | | | | | | | | | | | | | | 1 | 3 |
| Malformation/Anomaly | | | | | | | | | | | | | | | | | |

Table 6: Incidence of Histopathology Findings by Study/Female (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 16 | 17 | 18 | 19 | 19 | 26 |
| SALIVARY GLAND | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 10 |
| Hemorrhage,acute:mild. | | | | | | | | | | | | | | | | | |
| Inflammation,chronic,focal:min. | | | | | | | | | | | | | | | | | |
| Necrosis,focal:mild | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| SKIN | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 10 |
| Inflammation,acute,focal:mild | | | | | | | | | | | | | | | | | |
| Microgranuloma:min. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| SMALL INTESTINE | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 10 |
| Granuloma,focal:mild | | | | | | | | | | | | | | | | | |
| Mineralization,Peyer's patches | | | | | | | | | | | | | | | | 2 | |
| | | | | | | | | | | | | | | | | | |
| SPINAL CORD | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 10 |
| Cyst,epidermal | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| SPLEEN | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 10 |
| Accessory splenic tissue | | | | | | | | | | | | | | | | | |
| Hematopoiesis,extramedullary,increased:mild | | | | | | | | | | | | | | | | | |
| Hematopoiesis,extramedullary,increased:mod. | | | | | | | | | | | | | | | | | |
| Hyperplasia,lymphoid | | | | | | | | | | | | | | | | | |
| Irregular capsule | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| STOMACH | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 10 |
| Cyst,glands | | | | | | | | | | | | | | | | | |
| Degeneration,vacuolar,non-glandular:min. | | | | | | | | | | | | | | | 1 | | |
| Dilatation,mucosal glands:min. | | | | | | | | | | | | | | | 1 | | |
| Hyperplasia,tunica muscularis,focal:mild | | | | | | | | | | | | | | | 1 | | |
| Necrosis,single cell,glandular:min. | | | | | | | | | | | | | | | 2 | | |

Table 6: Incidence of Histopathology Findings by Study/Female (continued)

Studies 18-34:

| Study Identification | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|--------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Approximate Age at Necropsy in Weeks | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 15 | 16 | 17 | 18 | 19 | 19 | 26 |
| TAIL | 10 | 20 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 5 | 10 |
| Inflammation,neutrophilic;marked | | | | | | | | | | | | | | | | | |
| Necrosis,soft tissue:mod. | | | | 1 | | | | | | | | | | | | | |
| THYMUS | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 10 |
| Congestion,multifocal:min. | | | | 1 | | | | | 1 | 1 | | | | | | | |
| Hemorrhage:min. | 2 | | | | 6 | 1 | 1 | 1 | | | | 6 | | | | | 4 |
| Hemorrhage:mild | | | | | | 1 | 1 | | | | | 2 | | | | | |
| Necrosis,multifocal:min. | | | | | | | | | | | | | | | | | |
| THYROID | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 10 |
| Cyst | | | | | 4 | | 5 | | | 1 | | | | | | | 7 |
| Ectopic Tissue,thymus:min. | | | | | | 1 | | | | | | | | | | | |
| TRACHEA | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 10 |
| Infiltration,lymphocytic:min. | | | | | 1 | | | | | | | | | | | | |
| Inflammation,chronic,focal:min. | | | | | 1 | | | | | | | | | | | | 1 |
| URINARY BLADDER | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 10 |
| Infiltration,lymphocytic:min. | | | | | 1 | | | | | | | | | | | | |
| Inflammation,chronic,focal:min. | | | | | 1 | | | | | | | | | | | | |
| UTERUS | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 12 | 5 | 5 | 5 | 10 | 11 | 10 | 5 | 5 | 10 |
| Dilatation:min. | | | | | | | | | | | | 2 | | | | | |
| Dilatation:mild | | | | | | | | | | | 2 | | | | | | |
| Dilatation:mod. | | | | | | | | | | | 1 | 2 | | | | | |