

**HISTORICAL CONTROL DATA ON HISTOLOGICAL
FINDINGS IN
HsdRccHanTM: WIST, Wistar Hannover Rats
(PLANNED SACRIFICES AFTER 26 WEEKS)**

Compiled from Bioassays performed at RCC Ltd. Itingen/Switzerland

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Table 1: Study Identification

Study Number	ID Number	Date of Performance	Study Type	Age/ Delivery (weeks)	Pretest/ Acclima-tization (days)	Body Weight: Delivery(g)		Housing	Diet	Vehicle	Pathologist
						M	F				
813598	1	May 2001 – Jan 2002	Gavage	5 weeks	7 days	120 ±20%	100 ±20%	Groups	Kliba 3433	Physiological saline (0,9% NaCl)	JAG
846069	2	Nov 2002 – July 2003	Inhalation	♂6-8/ ♀10-12	5 days	180-200 ±20%	180-200 ±20%	Groups*	Kliba 3433	Lactose	WEK
845322	3	October 2002 – April 2003	Inhalation	♂7-9/ ♀10-12	5 days	180-200 ±20%	180-200 ±20%	Groups	Kliba 3433	Lactose	WEK
842011	4	March 2002 – September 2002	Inhalation	♂6-8/ ♀8-10	5 days	180-200 ±20%	180-200 ±20%	Groups	Kliba 3433	Lactose	WEK
842194	5	February 2002 – August 2002	Semi-Occlusive	6 weeks	7 days	150 ±20%	125±20%	Individually	Kliba 3433	Cream formulation	WEK
850350	6	August 2003 – February 2004	Gavage	5 weeks	7 days	120 ±20%	100±20%	Groups	Kliba 3433	10mM acetate buffer, pH 4.5	WEK
845323	7	October 2002 – April 2003	Inhalation	♂7-9/ ♀10-12	5 days	180-200 ±20%	180-200 ±20%	Groups	Kliba 3433	Lactose	WEK

* 2 groups (1st group: Air control; 2nd group: Lactose control)

Pathologists:

JAG Dr. J.Aluma Grau
 WEK Dr. rer. nat. K. Weber

Table 2: Mortality Data

Study Identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Number of rats examined	20	20	20	20	9	9	40	40	15	15	26	26	20	20						
After 26 weeks																				
Mortality	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Up to 26 weeks – number																				
%	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

Table 3: Type and Number of Lesions of the Brain.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Brain</u>																				
Numbers of rats examined	20	20	20	20	9	9	0	0	15	15	26	26	20	20	0	0	0	0	0	0

Table 4: Type and Number of Lesions of the Cerebellum.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Cerebellum</u>																				
Numbers of rats examined	0	0	0	0	0	0	0	0	15	15	26	26	0	0	0	0	0	0	0	0

Table 5: Type and Number of Lesions of the Cerebrum

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Cerebrum</u>																				
Numbers of rats examined	0	0	0	0	0	0	20	20	15	15	26	26	0	0	0	0	0	0	0	0

Table 6: Type and Number of Lesions of the Brain Stem.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Brain Stem</u>																				
Numbers of rats examined	0	0	0	0	0	0	0	0	15	15	26	26	0	0	0	0	0	0	0	0

Table 7: Type and Number of Lesions of the Medulla Oblangata

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Medulla oblangata</u>																				
Numbers of rats examined	0	0	0	0	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0	0

Table 8: Type and Number of Lesions of the Spinal Cord.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Spinal Cord</u>																				
Numbers of rats examined	20	20	20	20	9	9	40	40	15	15	26	26	20	20	0	0	0	0	0	0
Meningeal proliferation	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 9: Type and Number of Lesions of the Sciatic Nerve.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Sciatic Nerve</u>																				
Numbers of rats examined	20	20	20	20	9	9	20	20	15	15	26	26	20	18	0	0	0	0	0	0
Nerve fiber Degeneration	1	0	4	1	0	0	2	2	1	1	0	0	0	1	0	0	0	0	0	0

Table 10: Type and Number of Lesions of the Optic Nerves.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Optic Nerves</u>																				
Numbers of rats examined	20	20	20	20	9	9	40	40	15	15	26	26	20	20	0	0	0	0	0	0

Table 11: Type and Number of Lesions of the Eyes.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Eyes</u>																				
Numbers of rats examined	20	20	20	20	9	9	20	20	15	15	26	26	20	20	0	0	0	0	0	0
Retinal rosette	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Hemorrhage	12	11	5	6	0	0	0	0	8	7	10	9	4	6	0	0	0	0	0	0
Hemosiderin	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory cell foci	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Keratitis	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Scleritis	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Periorbital inflammation	0	0	2	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Panophthalmitis	0	0	0	0	0	0	0	0	1	2	2	2	2	4	0	0	0	0	0	0
Phthisis bulbi	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Retinal degeneration	0	0	0	0	0	0	2	3	0	2	0	0	0	0	0	0	0	0	0	0
Muscle degeneration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Periorbital fibrosis	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0

Table 12: Type and Number of Lesions of the Harderian Glands.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Harderian Glands</u>																				
Numbers of rats examined	20	20	20	20	5	5	20	20	15	15	0	1	20	20	0	0	0	0	0	0
Porphyrin deposition	20	13	18	18	4	4	18	16	4	2	0	0	19	18	0	0	0	0	0	0
Hemorrhage	2	13	6	4	2	0	0	0	6	3	0	0	4	3	0	0	0	0	0	0
Mononuclear cell foci	1	0	0	1	1	0	2	2	1	1	0	0	1	3	0	0	0	0	0	0
Granuloma	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflammation	1	1	5	2	1	0	0	3	1	2	0	1	2	1	0	0	0	0	0	0
Hypertrophy	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0

Table 13: Type and Number of Lesions of the Lacrimal Glands.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Lacrimal Glands</u>																				
Numbers of rats examined	0	0	0	0	0	0	0	0	0	0	0	0	20	20	0	0	0	0	0	0
Harderian alteration	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0
Inflammation	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0

Table 14: Type and Number of Lesions of the Exorbital Lacrimal Glands.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Ex. Lacrimal Glands</u>																				
Numbers of rats examined	20	20	20	20	0	0	20	20	15	15	1	0	20	20	0	0	0	0	0	0
Harderian alteration	0	0	4	1	0	0	5	0	2	1	1	0	0	0	0	0	0	0	0	
Inflammation	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	

Table 15: Type and Number of Lesions of the Aorta.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Aorta</u>																				
Numbers of rats examined	20	20	20	20	9	9	40	40	15	15	26	26	20	20	0	0	0	0	0	0

Table 16: Type and Number of Lesions of the Nasal Cavities.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Nasal cavities</u>																				
Numbers of rats examined	0	0	20	20	9	9	20	20	0	0	0	0	20	20	0	0	0	0	0	0

Table 17: Type and Number of Lesions of the Nasal Cavity, Level 1.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Nasal Cavity, Level 1</u>																				
Numbers of rats examined	0	0	20	20	9	9	40	39	0	0	0	0	20	20	0	0	0	0	0	0
Goblet cell proliferation	0	0	11	7	0	0	0	3	0	0	0	0	10	10	0	0	0	0	0	0

Table 18: Type and Number of Lesions of the Nasal Cavity, Level 2.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Nasal Cavity, Level 2																				
Numbers of rats examined	0	0	20	20	9	9	40	39	0	0	0	0	20	20	0	0	0	0	0	0
Goblet cell proliferation	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Hyaline inclusions	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 19: Type and Number of Lesions of the Nasal Cavity, Level 3.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Nasal Cavity, Level 3																				
Numbers of rats examined	0	0	20	20	9	9	40	39	0	0	0	0	20	20	0	0	0	0	0	0
Hyaline inclusions	0	0	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Epithelial disorg.	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 20: Type and Number of Lesions of the Nasal Cavity, Level 4.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Nasal Cavity, Level 4																				
Numbers of rats examined	0	0	20	20	9	9	40	40	0	0	0	0	20	20	0	0	0	0	0	0

Table 21: Type and Number of Lesions of the Heart.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Heart																				
Numbers of rats examined	20	20	20	20	9	9	20	20	15	15	26	26	20	20	0	0	0	0	0	0
Pigment	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mononuclear cell foci	2	0	5	6	1	0	5	1	1	0	0	0	4	3	0	0	0	0	0	0
Necrosis	1	0	0	0	0	0	3	0	2	0	0	0	2	0	0	0	0	0	0	0
Myofibrosis/necrosis	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Myocarditis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fibrosis	0	1	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
Cardiomyopathy	4	1	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0

Table 22: Type and Number of Lesions of the Trachea.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Trachea																				
Numbers of rats examined	20	20	20	20	9	9	40	40	15	15	26	26	20	20	0	0	0	0	0	0
Distended glands	12	11	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0
Mononuclear cell foci	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0

Table 23: Type and Number of Lesions of the Tracheal bifurction, carina & mainstem bronchi

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Tracheal bifurction, carina & mainstem bronchi																				
Numbers of rats examined	0	0	0	0	9	9	40	40	0	0	0	0	20	20	0	0	0	0	0	0

Table 24: Type and Number of Lesions of the Lungs.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Lungs																				
Numbers of rats examined	20	20	20	20	9*	9*	40	40	15	15	26	26	20	20	0	0	0	0	0	0
Osseous metaplasia	1	1	0	3	0	1	3	0	0	1	0	0	2	1	0	0	0	0	0	0
Congestion	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Emphysema	0	0	0	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Hemorrhage	0	0	0	0	2	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Vascular mineralization	0	1	14	12	5	7	35	26	2	3	0	0	19	11	0	0	0	0	0	0
Hemosiderin-advent.	0	0	0	0	1	8	0	0	0	0	0	0	6	20	0	0	0	0	0	0
Hemosiderin: alveol.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Alveolar histiocytosis	14	3	12	13	5	5	18	20	0	6	2	0	7	17	0	0	0	0	0	0
Macrophage conglomeration	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Mononuclear cell foci	0	0	2	2	0	0	1	2	0	0	0	0	1	1	0	0	0	0	0	0
Granulocytosis	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perivascular infiltr.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Granuloma	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Alveolitis	1	0	0	2	0	0	3	1	0	1	1	0	1	1	0	0	0	0	0	0
Interstitial inflammation	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pleural inflammation	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Medial hypertrophy	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pleural fibrosis	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

* including Lung- H&E / Lung- Pearl's

** including Lung and Lungs Pearl's

Table 25: Type and Number of Lesions of the Bronch. Alv. Fluid

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Bronch. Alv. Fluid</u>																				
Numbers of rats examined	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Positivity	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 26: Type and Number of Lesions of the Pituitary Gland.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Pituitary</u>																				
Numbers of rats examined	20	20	20	20	9	9	20	30	15	15	26	26	19	20	0	0	0	0	0	0
Cyst(s)/clefts	1	0	4	1	0	0	1	3	2	1	7	2	3	2	0	0	0	0	0	0
Vacuolation	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertrophy	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Hyperplasia	0	0	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fibrosis	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 27: Type and Number of Lesions of the Adrenal Cortex.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Adrenal Cortex</u>																				
Numbers of rats examined	20	20	20	20	9	9	40	40	15	15	26	26	20	20	0	0	0	0	0	0
Accessory cortical tissue	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0
Mineralization	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Vacuolation	3	0	18	4	0	0	33	0	10	1	0	0	18	0	0	0	0	0	0	0
Mononuclear cell foci	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0
Fibrosis	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0
Focal hypertrophy	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertrophy, diffuse	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Table 28: Type and Number of Lesions of the Adrenal Medulla.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Adrenal medulla</u>																				
Numbers of rats examined	20	20	20	20	9	9	20	20	15	15	26	26	20	20	0	0	0	0	0	0

Table 29: Type and Number of Lesions of the Thyroid Glands.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Thyroid Glands																				
Numbers of rats examined	20	20	20	20	9	9	20	20	15	15	26	26	20	20	0	0	0	0	0	0
Thymic remnants	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ductal remnant	0	0	2	2	0	0	1	2	0	0	0	0	0	1	0	0	0	0	0	0
Mononuclear cell foci	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Follicular cell hypertrophy	0	0	0	0	0	0	0	0	0	0	12	2	0	0	0	0	0	0	0	0
Follicular hyperplasia	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

Table 30: Type and Number of Lesions of the Parathyroid Glands.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Parathyroid Glands																				
Numbers of rats examined	20	20	20	20	9	9	40	40	15	15	26	26	20	20	0	0	0	0	0	0

Table 31: Type and Number of Lesions of the Pancreas.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Pancreas																				
Numbers of rats examined	20	20	20	20	9	9	20	20	15	15	26	25	20	20	0	0	0	0	0	0
Mononuclear cell foci	1	1	1	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0
Exocrine atrophy	0	0	3	3	0	0	2	2	3	1	0	0	1	0	0	0	0	0	0	0
Inflammation	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Pigment macrophages	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fibrosis	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Incr.dense bodies	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 32: Type and Number of Lesions of the Liver.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Liver</u>																				
Numbers of rats examined	20	20	20	20	5*	5*	20	20	15	15	26	26	20	20	0	0	0	0	0	0
Hepatodiaphragmatic nodule	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lobe torsion	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Congestion	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
Increased glycogen deposits	0	0	0	0	0	0	7	0	0	0	22** *	20** *	0	0	0	0	0	0	0	0
Fatty change	8	9	8	8	4	4	3	2	0	1	11**	3**	10	13	0	0	0	0	0	0
Vacuolization	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
Hemosiderin	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0
Pigment deposition	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	0	0	0	0	0
Kupffer cell pigmentation	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Extramedullary hemopoiesis	0	2	0	4	0	0	2	4	0	0	0	0	1	1	0	0	0	0	0	0
Mononuclear foci	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory cell foci	0	0	13	19	4	2	11	10	5	11	0	0	19	19	0	0	0	0	0	0
Peribiliar inflam.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bile duct Prolifer.	0	0	1	3	0	0	0	1	0	0	0	0	2	8	0	0	0	0	0	0
Hepatocellular hypertrophy	0	0	0	1	0	0	0	0	2	1	0	0	1	2	0	0	0	0	0	0
Hematopoiesis	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	0	0	0	0	0
Clear cell foci	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

* including Liver- H&E / Liver- Pearl's

** Liver, Oil red

*** Liver, Pas

Table 33: Type and Number of Lesions of the Esophagus.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Esophagus</u>																				
Numbers of rats examined	20	20	20	20	0	0	40	40	15	15	26	26	20	20	0	0	0	0	0	0
Food remnants	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 34: Type and Number of Lesions of the Stomach.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Stomach</u>																				
Numbers of rats examined	20	20	20	20	9	9	20	20	15	15	26	26	20	20	0	0	0	0	0	0
Epidermal cysts	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
Glandular cyst	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Squamous islets	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Congestion	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Lymphoid follicles	0	0	3	0	0	0	2	1	2	0	0	0	1	0	0	0	0	0	0	0
Mononuclear cell foci	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Hyaline inclusions glandular mucosa	3	0	2	0	0	0	4	0	3	0	0	0	0	0	0	0	0	0	0	0
Increased inflammatory cells	0	0	4	4	0	0	0	0	1	0	0	0	3	4	0	0	0	0	0	0
Erosion/ulceration	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Hyperkeratosis	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Epithelial vacuolation/ limiting ridge	1	1	6	2	0	0	2	0	1	0	0	0	2	2	0	0	0	0	0	0
Basal cell hyperplasia	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Epithelial hyperplasia	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 35: Type and Number of Lesions of the Duodenum.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Duodenum</u>																				
Numbers of rats examined	20	20	20	20	9	9	40	40	15	15	26	26	20	20	0	0	0	0	0	0

Table 36: Type and Number of Lesions of the Jejunum.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Jejunum</u>																				
Numbers of rats examined	20	20	20	20	9	9	40	40	14	14	26	26	20	20	0	0	0	0	0	0
Mineralization	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0

Table 37: Type and Number of Lesions of the Ileum.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Ileum</u>																				
Numbers of rats examined	20	20	20	20	9	9	40	40	15	15	26	26	20	20	0	0	0	0	0	0
Lymphoid hyperplasia	0	0	0	0	0	0	0	0	9	5	0	0	0	0	0	0	0	0	0	0

Table 38: Type and Number of Lesions of the Peyer’s Patches.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Peyer’s patches</u>																				
Numbers of rats examined	0	0	0	0	0	0	0	0	15	15	26	26	0	0	0	0	0	0	0	0
Macrophage conglom.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Granuloma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 39: Type and Number of Lesions of the Cecum.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Cecum</u>																				
Numbers of rats examined	20	20	20	20	9	9	40	40	15	15	26	26	20	20	0	0	0	0	0	0

Table 40: Type and Number of Lesions of the Colon.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Colon</u>																				
Numbers of rats examined	20	20	20	20	9	9	20	20	15	15	26	26	20	20	0	0	0	0	0	0

Table 41: Type and Number of Lesions of the Rectum.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Rectum</u>																				
Numbers of rats examined	20	20	20	20	9	9	20	20	15	15	26	26	20	20	0	0	0	0	0	0
Nematodes in lumen	0	0	1	2	0	0	2	0	0	0	1	0	0	1	0	0	0	0	0	0

Table 42: Type and Number of Lesions of the Salivary Glands.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Salivary glands</u>																				
Numbers of rats examined	20	20	20	20	9	9	40	40	15	15	26	26	0	0	0	0	0	0	0	0

Table 43: Type and Number of Lesions of the Parotid Salivary Glands.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Parotid salivary glands</u>																				
Numbers of rats examined	0	0	20	20	0	0	20	20	15	15	26	26	20	20	0	0	0	0	0	0
Ectopic salivary gland foci	0	0	0	2	0	0	0	5	0	2	0	0	0	0	0	0	0	0	0	0
Basophilic acini	0	0	4	9	0	0	1	3	0	0	0	0	2	2	0	0	0	0	0	0
Mononuclear foci	0	0	0	1	0	0	3	2	0	0	0	0	1	0	0	0	0	0	0	0
Inflammation	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Atrophy	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Acinar hypertrophy	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 44: Type and Number of Lesions of the Sublingual Salivary Glands.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Sublingual salivary glands</u>																				
Numbers of rats examined	20	20	20	20	9	9	20	20	15	15	26	25	20	20	0	0	0	0	0	0

Table 45: Type and Number of Lesions of the Submandibular Salivary Glands.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Submand. salivary glands</u>																				
Numbers of rats examined	20	20	20	20	9	9	20	20	15	15	26	26	20	20	0	0	0	0	0	0
Diffuse hypertrophy of mucus acine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 46: Type and Number of Lesions of the Urinary Bladder.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Urinary Bladder</u>																				
Numbers of rats examined	20	19	20	20	9	9	20	20	15	15	26	26	20	20	0	0	0	0	0	0
Distension	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Mononuclear cell foci	0	0	0	0	0	0	1	0	2	1	0	0	1	0	0	0	0	0	0	0

Table 47: Type and Number of Lesions of the Ureters.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Ureters																				
Numbers of rats examined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	0	0	0	0
Dilation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 48: Type and Number of Lesions of the Kidneys.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Kidneys																				
Numbers of rats examined	20	20	20	20	9	9	21	22	15	15	26	26	20	20	0	0	0	0	0	0
Cortical mineralization	0	0	8	11	0	0	7	14	1	14	0	0	3	17	0	0	0	0	0	0
Pelvic mineralization	1	2	0	0	0	0	1	2	0	5	0	0	0	1	0	0	0	0	0	
Pelvic dilation	2	0	0	0	0	0	3	4	1	0	2	3	0	0	0	0	0	0	0	
Cortical cyst	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hyaline inclusion	4	0	20	0	0	0	7	0	6	0	0	0	19	0	0	0	0	0	0	
Lipofuscin	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	
Tubular dilation	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
Tubular basophilia	2	0	4	3	0	0	6	1	4	1	0	0	5	0	0	0	0	0	0	
Tubular cell swelling	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
Mononuclear cell foci	1	0	2	4	0	0	13	1	10	4	0	0	4	3	0	0	0	0	0	
Pyelitis	1	0	1	2	0	0	2	0	0	1	0	0	1	2	0	0	0	0	0	
Tubular hypertrophy	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pyelonephritis	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Urothelial hyperplasia	0	0	0	3	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	
Tubular carcinoma	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tubular casts	0	1	1	2	0	0	0	2	0	2	0	0	1	4	0	0	0	0	0	

Table 49: Type and Number of Lesions of the Skin and Subcutis.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Skin																				
Numbers of rats examined	20	20	20	20	9	9	23	20	15	15	26	26	20	20	0	0	0	0	0	0
Inclusion cyst	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
Intramuscular edema	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Adnexal atrophy	0	0	0	0	0	0	0	0	7*	7*	0	0	0	0	0	0	0	0	0	
Auricular chondropatty	0	0	0	1	0	0	3	0	0	0	0	0	1	2	0	0	0	0	0	
Inflammation	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	

*Skin-back/ Treated

Table 50: Type and Number of Lesions of the Testes.

Study identification	1	2	3	4	5	6	7	8	9	10
Sex	M	M	M	M	M	M	M	M	M	M
<u>Testes</u>										
Numbers of rats examined	20	20	9	21	15	26	20	0	0	0
Tubular degeneration	0	3	0	3	0	0	2	0	0	0

Table 51: Type and Number of Lesions of the Epididymides.

Study identification	1	2	3	4	5	6	7	8	9	10
Sex	M	M	M	M	M	M	M	M	M	M
<u>Epididymides</u>										
Numbers of rats examined	0	20	9	20	0	26	20	0	0	0
Epithelial vacuolation	0	7	0	2	0	0	5	0	0	0
Mononuclear cell foci	0	2	0	0	0	0	0	0	0	0

Table 52: Type and Number of Lesions of the Prostate.

Study identification	1	2	3	4	5	6	7	8	9	10
Sex	M	M	M	M	M	M	M	M	M	M
<u>Prostate</u>										
Numbers of rats examined	20	20	9	20	15	26	20	0	0	0
Mononuclear cell foci	1	0	0	0	0	0	0	0	0	0
Inflammation	0	1	0	3	0	0	0	0	0	0

Table 53: Type and Number of Lesions of the Seminal Vesicles.

Study identification	1	2	3	4	5	6	7	8	9	10
Sex	M	M	M	M	M	M	M	M	M	M
<u>Seminal Vesicles</u>										
Numbers of rats examined	0	20	9	20	0	26	20	0	0	0
Congestion	0	0	0	1	0	0	0	0	0	0

Table 54: Type and Number of Lesions of the Mammary Glands.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Mammary glands</u>																				
Numbers of rats examined	12	20	20	20	9	9	20	20	15	15	26	26	20	20	0	0	0	0	0	0
Secretion	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Inflammation	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Glandular hyperplasia	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

Table 55: Type and Number of Lesions of the Ovaries.

Study identification	1	2	3	4	5	6	7	8	9	10
Sex	F	F	F	F	F	F	F	F	F	F
<u>Ovaries</u>										
Numbers of rats examined	20	20	9	20	15	26	20	0	0	0
Cyst(s)	2	0	0	0	0	0	0	0	0	0
Bursa dilation	0	0	0	0	0	0	1	0	0	0
Congestion	1	0	0	0	0	0	0	0	0	0
Atrophy	0	0	0	3	0	0	6	0	0	0
Stromal cell hyperplasia	0	0	0	0	0	1	0	0	0	0
Sertoli's hyperplasia	1	0	0	0	0	0	0	0	0	0

Table 56: Type and Number of Lesions of the Oviducts.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Oviducts</u>																				
Numbers of rats examined	0		0		0		40		0		0		0		0		0		0	

Table 57: Type and Number of Lesions of the Uterus.

Study identification	1	2	3	4	5	6	7	8	9	10
Sex	F	F	F	F	F	F	F	F	F	F
<u>Uterus</u>										
Numbers of rats examined	20	20	2	25	15	26	20			
Cornual dilation	1	3	2	6	0	7	1	0	0	0
Peritonitis	0	0	0	1	0	0	0	0	0	0

Table 58: Type and Number of Lesions of the Cervix.

Study identification	1	2	3	4	5	6	7	8	9	10
Sex	F	F	F	F	F	F	F	F	F	F
<u>Cervix</u>										
Numbers of rats examined	20	20	9	20	0	0	0	0	0	0

Table 59: Type and Number of Lesions of the Vagina.

Study identification	1	2	3	4	5	6	7	8	9	10
Sex	F	F	F	F	F	F	F	F	F	F
<u>Vagina</u>										
Numbers of rats examined	20	20	0	20	15	26	20	0	0	0
Anestrus	0	1	0	0	0	0	0	0	0	0
Proestrus	4	3	0	2	4	0	5	0	0	0
Estrus	7	4	0	3	4	0	5	0	0	0
Metestrus	2	6	0	9	2	0	5	0	0	0
Diestrus	7	6	0	6	4	0	5	0	0	0
Mucification	0	3	0	1	0	0	0	0	0	0
Mucosal degeneration	0	0	0	1	0	0	0	0	0	0

Table 60: Type and Number of Lesions of the Bone Marrow.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Bone Marrow</u>																				
Numbers of rats examined	0	0	0	0	9	9	40	40	15	15	26	26	0	0	0	0	0	0	0	0

Table 61: Type and Number of Lesions of the Bone Marrow - Sternal.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Bone Marrow – sternal</u>																				
Numbers of rats examined	20	20	0	0	9	9	40	40	0	0	26	26	20	20	0	0	0	0	0	0

Table 62: Type and Number of Lesions of the Bone Marrow - Femur.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Bone Marrow – femur</u>																				
Numbers of rats examined	20	20	0	0	0	0	0	0	15	15	26	26	0	0	0	0	0	0	0	0

Table 63: Type and Number of Lesions of the Mesenteric Lymph Node.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Mesenteric Lymph Nodes</u>																				
Numbers of rats examined	20	20	20	20	0	0	20	20	15	15	26	26	20	20	0	0	0	0	0	0
Pigment deposition	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hemosiderin	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
Sinusoidal dilation	0	0	0	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
Angiectasis	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Mastocytosis	0	0	6	4	0	0	8	11	0	0	0	0	12	12	0	0	0	0	0	0
Histiocytosis	0	0	0	0	0	0	17	16	0	0	0	0	20	20	0	0	0	0	0	0
Granuloma	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Lymphoid hyperplasia	20	20	13	14	0	0	11	14	8	6	0	0	13	11	0	0	0	0	0	0
Stromal proliferation	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

Table 64: Type and Number of Lesions of the Mandibular Lymph Node.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Mandibular Lymph Nodes</u>																				
Numbers of rats examined	20	20	20	20	0	0	19	20	15	15	26	26	20	20	0	0	0	0	0	0
Congestion	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pigment depositions		0	8	12	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0
Hemosiderin	0	0	0	0	0	0	0	0	7	11	0	0	10	11	0	0	0	0	0	0
Sinusoidal dilation	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plasmacytosis	13	12	15	20	0	0	16	14	15	15	0	0	19	19	0	0	0	0	0	0
Lymphoid hyperplasia	20	19	6	12	0	0	4	3	12	9	0	0	7	9	0	0	0	0	0	0

Table 65: Type and Number of Lesions of the Mediastinal Lymph Node.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Mediastinal lymph Node</u>																				
Numbers of rats examined	0	0	20	20	9	9	21	30	0	0	0	0	20	20	0	0	0	0	0	0
Congestion	0	0	1	2	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0
Mastocytosis	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hemosiderin	0	0	15	17	0	0	11	19	0	0	0	0	16	17	0	0	0	0	0	0
Lymphoid hyperplasia	0	0	10	5	0	0	9	6	0	0	0	0	8	4	0	0	0	0	0	0
Sinusoidal dilation	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 66: Type and Number of Lesions of the Axillary Lymph Node.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Axillary Lymph Node</u>																				
Numbers of rats examined	0	0	0	0	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0
Hemosiderin	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0
Plasmacytosis	0	0	0	0	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0	0
Lymphoid hyperplasia	0	0	0	0	0	0	0	0	11	6	0	0	0	0	0	0	0	0	0	0

Table 67: Type and Number of Lesions of the Tracheobronchial Lymph Nodes.

(gross lesions only)

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Tracheobronchial lymph nodes</u>																				
Numbers of rats examined	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hemosiderin	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lymphoid hyperplasia	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 68: Type and Number of Lesions of the Other Lymph Nodes.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Other Lymph Nodes</u>																				
Numbers of rats examined	0	0	0	0	0	0	0	0	12*	15*	0	0	0	0	0	0	0	0	0	0
Hemosiderin	0	0	0	0	0	0	0	0	1	11	0	0	0	0	0	0	0	0	0	0
Plasmacytosis	0	0	0	0	0	0	0	0	6	8	0	0	0	0	0	0	0	0	0	0
Lymphoid hyperplasia	0	0	0	0	0	0	0	0	7	4	0	0	0	0	0	0	0	0	0	0

* collected in particular studies

Table 69: Type and Number of Lesions of the Thymus.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Thymus</u>																				
Numbers of rats examined	20	20	20	20	0	0	40	39	15	15	26	26	20	20	0	0	0	0	0	0
Cyst(s)	2	13	6	15	0	0	6	12	3	10	0	1	4	12	0	0	0	0	0	0
Congestion	2	2	1	1	0	0	4	0	1	0	1	0	0	0	0	0	0	0	0	0
Hemorrhage	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0
Involution/ Atrophy	20	20	20	20	0	0	5	3	12	13	0	0	11	10	0	0	0	0	0	0

Table 70: Type and Number of Lesions of the Spleen.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Spleen																				
Numbers of rats examined	20	20	20	20	2	1	20	20	15	15	26	26	20	20	0	0	0	0	0	0
Extramed. hematopoiesis	20	20	20	20	0	0	19	15	15	15	0	0	20	20	0	0	0	0	0	0
Hemosiderin pigment	20	20	20	20	0	0	19	20	15	15	0	0	20	20	0	0	0	0	0	0
Increased erythropoiesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lymphoid hyperplasia	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 71: Type and Number of Lesions of the Tongue.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Tongue																				
Numbers of rats examined	0	0	20	20	9	9	20	20	0	0	0	0	20	20	0	0	0	0	0	0
Atrophy	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 72: Type and Number of Lesions of the Joint - Femorotibial.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Joint – femorotibial																				
Number of rats examined	0	0	0	0	9	9	40	40	15	15	26	26	20	20	0	0	0	0	0	0

Table 73: Type and Number of Lesions of the Bone (Femur, Sternum, Others)

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Bone																				
Number of rats examined	0	0	20	20	9	9	40	40	0	0	26	26	20	20	0	0	0	0	0	0
Chondromucinous degen.	0	0	19	18	0	0	0	0	0	0	0	0	8*	19*	0	0	0	0	0	0
Bone cyst	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Sternum

Table 74: Type and Number of Lesions of the Skeletal Muscle.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Skeletal Muscle																				
Numbers of rats examined	20	20	20	19	9	9	20	20	15	15	26	26	20	19	0	0	0	0	0	0
Mononuclear cell foci	0	0	3	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0
Atrophy	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0

Table 75: Type and Number of Lesions of the Body Cavities.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Body cavities																				
Numbers of rats examined	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Fat necrosis	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 76: Type and Number of Lesions of the Larynx.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Larynx																				
Numbers of rats examined	0	0	20	20	9	9	40	40	0	0	0	0	20	20	0	0	0	0	0	0

Table 77: Type and Number of Lesions of the Larynx, Level 2.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Larynx, Level 2																				
Numbers of rats examined	0	0	20	20	5	5	40	39	0	0	0	0	19	20	0	0	0	0	0	0
Dissected secretion	0	0	4	1	1	4	2	0	0	0	0	0	1	0	0	0	0	0	0	0
Mineralization	0	0	3	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Mononuclear cell foci	0	0	0	0	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflammation	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 78: Type and Number of Lesions of the Larynx, Level 3.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Larynx, Level 3</u>																				
Numbers of rats examined	0	0	20	20	5	5	40	39	0	0	0	0	19	20	0	0	0	0	0	0
Dissected secretion	0	0	4	4	0	0	10	7	0	0	0	0	3	9	0	0	0	0	0	0
Mineralization	0	0	1	2	0	0	4	6	0	0	0	0	0	0	0	0	0	0	0	0
Mononuclear cell foci	0	0	2	0	1	0	12	9	0	0	0	0	1	0	0	0	0	0	0	0
Inflammation, ventral glands	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Granuloma	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Inflammation	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory hyperplasia	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 79: Type and Number of Lesions of the Larynx, Level 4.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Larynx, Level 4</u>																				
Numbers of rats examined	0	0	0	0	0	0	39	35	0	0	0	0	0	0	0	0	0	0	0	0
Mononuclear cell foci	0	0	0	0	0	0	12	16	0	0	0	0	0	0	0	0	0	0	0	0

Table 80: Type and Number of Lesions of the Larynx, Level 5.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Larynx, Level 5</u>																				
Numbers of rats examined	0	0	0	0	0	0	37	36	0	0	0	0	0	0	0	0	0	0	0	0
Mononuclear cell foci	0	0	0	0	0	0	18	11	0	0	0	0	0	0	0	0	0	0	0	0
Inflammation glandular	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0

Table 81: Type and Number of Lesions of the Larynx, Level 6.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Larynx, Level 6</u>																				
Numbers of rats examined	0	0	17	18	4	4	36	36	0	0	0	0	12	19	0	0	0	0	0	0
Squamoid epithelium	0	0	6	10	1	0	16	22	0	0	0	0	6	8	0	0	0	0	0	0
Mononuclear cell foci	0	0	0	1	0	0	9	5	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory cell foci	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Granuloma	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflammation	0	0	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Squamous metaplasia	0	0	0	0	0	0	3	3	0	0	0	0	0	1	0	0	0	0	0	0

Table 82: Type and Number of Lesions of the Nasopharyngeal Duct.

Study identification	1		2		3		4		5		6		7		8		9		10	
Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>Nasopharyngeal Duct</u>																				
Numbers of rats examined	0	0	20	20	9	9	40	40	0	0	0	0	20	20	0	0	0	0	0	0
Foreign particles	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Goblet cell proliferation	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Hemorrhage	0	0	3	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Foreign body induced hyperplasia	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

Synonyms used in Pathology Reports

Adrenals

Mononuclear cell foci : Lymphoid cell foci, Mononuclear cell infiltration, Round cell infiltration
Pigment deposition : Cortical pigment

Adrenal Cortex:

Accessory cortical tissue : Accessory adrenal tissue, Accessory cortical nodule, Accessory tissue, Extra-adrenal tissue, Extracapsular cortical tissue, Extracapsular tissue
Focal Hypertrophy : Hypertrophic foci, Hypertrophy focal, Hypertrophy: zona fasciculata
Mononuclear cell foci : Lymphoid cell infiltration, Lymphoid foci, Mononuclear cells, Round cell infiltration
Vacuolation : Focal cortical vacuolation, Focal vacuolization, Increased cortical coarse vacuolation, Vacuol Degeneration/ focal, Vacuolization

Brain:

Mineralization : Calcification, Mineralised bodies
Mononuclear cell foci : Mononuclear infiltration, Round cell infiltration
Ventricular dilation : Dilated ventricles, Lateral ventricle dilation, Third ventricle dilation

Body cavities:

Fat necrosis : Inflammatory nodule, Necrotic fat nodule, Steatitis, Steatitis chronic

Bone:

Chondromucinous degeneration : Cartilage degeneration
Osteofibrosis : Fibrosis, Fibro-osseous lesion, Fibrous osteodystrophy

Cecum:

Edema : Submucosal edema
Lymphoid hyperplasia : Follicular hyperplasia

Colon:

Nematodes in lumen : Nematodes, Nematodiasis, Parasites

Duodenum:

Dilation : Distended lumen

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Epididymes:

Azoospermia : Aspermia

External Lacrimal Glands:

Harderian alteration : Harderian gland alteration, Harderian gland-like change, Harderian glandular change, Harderianisation

Mononuclear cell foci : Lymphoid cell foci, Lymphoid cell infiltration, Mononuclear cells, Round cell infiltration

Eyes:

Hemorrhage : Bulbar hemorrhage, Retrobulbar hemorrhage, Retrolenticular hemorrhage, Peribulbar hemorrhage

Hemosiderin : Hemosiderin – macroph.

Keratitis : Keratitis sicca

Panophtalmitis : Inflammation

Periorbital inflammation : Acute inflammation, Chronic inflammation, Inflammation, Inflammation retro., Suppurative inflammation, Inflammation, Inflammation orbit.

Phtisis bulbi : Bulbar atrophy, Bulbar shrinkage, Phtisis

Retinal degeneration : Retinal atrophy

Retinal rosette : Foldings/ rosettes retinal

Harderian Glands:

Glandular dilation : Cystic acini, Dilated cystic glands, Glandular ectasia

Hemorrhage : Hematoma

Inflammation : Acute inflammation, Adenitis, Dacryoadenitis, Inflammation granulomatous, Inflammation mononuclear, Sialoadenitis, Suppurative inflammation

Mononuclear cell foci : Lymphoid cell foci, Lymphoid cell infiltrate, Mononuclear cells, Round cell infiltrate

Porphyrin deposition : Increased pigment, Porphyrin deposits, Porphyrin pigment, Pigment-loaden macrophages, Pigment deposition

Heart:

Cardiomyopathy : Cardiomyopathy/ degeneration, Chronic cardiomyopathy, Progressive cardiomyopathy

Fibrosis : Focal fibrosis, Fibrosis miocardial, Endocardial fibrosis

Mononuclear cell foci : Inflammatory focus, Lymphoid (cell) foci, Lymphoid (cell) infiltration, Mononuclear cells, Mononuclear infiltration, Round cell infiltration

Myofibrosis/ necrosis : Myocardial fibrosis, Myodegeneration, Myocarditis

Necrosis : Degeneration/ necrosis myocardial focal, Focal myonecrosis, Myocardial necrosis, Myodegeneration, Myofiber degeneration

Pigment : Pigment. Macrophages

Ileum:

Crypt abscess : Microabscess

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Intern. Nasal Cavity:

Inflammation : Chronic inflammation, Suppurative infl

Kidneys:

Cortical cyst(s) : Cyst(s)
 Cortical mineralization Tubular mineralization
 Hyaline droplets : Hyaline inclusions, Hyaline resorption bodies, Intraepithelial hyaline droplets, Tubular hyaline droplets
 Lipofuscin : Lipofuscin deposits
 Mononuclear cell foci : Lymphoid cell foci, Lymphoid cell infiltration, Lympho-plasmacellular foci, Mononuclear cell infiltration, Mononuclear cells, Round cell infiltration
 Pelvic dilation : Dilated pelvis, Pelvic dilatation
 Pelvic mineralization : Calculi, Caliceal mineralization, Mineral deposits – pelvis & papilla, Pelvic calculi, Urothelial mineralization
 Pyelitis : Pelvic inflammation, Pyelitis chronic, Suburothelial inflammatory cell infiltration, Suppurative pyelitis
 Tubular basophilia : Focus/ foci of basophilic tubules, Tubular regeneration
 Tubular casts : Intratubular granular casts, Hyaline casts, Proteinaceous cast, Proteinaceous tubular casts
 Tubular dilation : Cystic dilatation, Cystic dilation, Dilated tubules, Tubular dilatation
 Urothelial hyperplasia : Pelvic epithelial hyperplasia, Transitional cell hyperplasia, Transitional cell proliferation

Liver:

Bile duct proliferation : Bile duct hyperplasia
 Erythropoiesis : Hemopoiesis, Hemopoietic foci
 Fatty change Hepatocyte fat vacuolar, Lipidosis, : Lipid deposits: single cell, Lipid deposits:periportal
 Glycogen deposits : Glycogen deposition, Glycogen storage, Increased glycogen deposits, Increased glycogen storage
 Hepatodiaphragmatic nodule hepatocell Hypertrophy
 Herniated liver lobe : Herniated lobe, Herniated nodule
 Inflammatory cell foci Mononuclear cell infiltration, Round cell infiltration
 Pigment deposition Periportal intrahepatic brown pigment, Pigment, Pigment accumulation, Pigmentation, Pigment/ hepatocytic, Pigment storage, Yellow-brown pigment
 Vacuolization : Diffuse vacuolation, Periportal fat vac

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Lungs:

Alveolar histiocytosis	: Alveolar macrophages, Foam cell aggr
Alveolitis	: Alveolar inflammation
Emphysema	: Acute emphysema
Fibrosis	: Pleural fibrosis
Granuloma(s)	: Cholesterolgranuloma, Foreign-body granuloma, Foreign body pneumonia, Hair shaft granuloma, Microgranuloma
Hemorrhage	: Alveolar hemorrhage
Mononuclear cell foci	: Lymphoid cell foci, Lymphoid cell infiltration, Mononuclear cells, Round cell infiltration, Subpleural lymphoid cell infiltration
Osseous metaplasia	: Alveolar bone, Alveolar bony metaplasia, Bone focal, Intra-alveolar bone, Ossification, Pneumoliths
Thrombosis	: Recanalized thrombus, Thrombus
Vascular mineralization	: Arterial mineralization, Medial calcification, Vascular calcification

Mammary Glands:

Mononuclear cell foci	: Lymphoid cell foci, Lymphoid cell infiltration, Mononuclear cells, Round cell infiltration
Pigment deposits	: Pigment, Pigment deposits, Pigmented macrophages

Mandibular Lymph Nodes:

Congestion	: Hyperemia
Lymphoid hyperplasia	: Hyperplasia , Reactive hyperplasia
Pigment depositions	: Hemosiderin, Hemosiderosis, Pigment, Pigment accumulation, Pigment deposits, Pigment hemosiderin, Pigment macrophages, Pigment phagocytosis
Plasmacytosis	: Plasma cell hyperplasia
Sinus dilation	: Cystic degeneration, Cystic sinusoids, Cystic sinus dilation, Medullary lymphang., Sinus ectasia, Sinusoidal cysts, Sinusoidal dilation, Sinusoidal ectasia

Mesentric Lymph Nodes:

Histiocytosis	: Macrophage accumulation, Sinus histiocytosis
Lymphoid hyperplasia	: Hyperplasia, Reactive hyperplasia
Mastocytosis	: Mast cell infiltration, Mast cells
Pigment deposition	: Hemosiderin pigment, Hemosiderosis, Pigment, Pigment deposits, Pigment macrophages, Pigment phagocytosis, Pigment storage, Pigment-laden histio.
Sinus dilation	: Cystic degeneration, Cystic sinus dilation, Cystic sinusoids, Lymphangiectasis, Sinusoidal cysts, Sinusoidal dilation, Sinus ectasia, Sinusoidal ectasia

Oral Cavity

Inflammation	: Peritonitis
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Other Lymph Nodes:

Lymphoid hyperplasia : Hyperplasia, Reactive hyperplasia

Optic Nerves:

Degeneration : Neuropathy

Ovaries:

Atrophy : Senile atrophy

Cyst(s) : Ovarian cyst(s), Serous cysts, Watery cyst(s)

Pigment deposition : Pigment, Pigment deposits

Pancreas:

Basophilic cell foci : Acinar basophilic hypertrophy, Acinar hypertrophy, Basophilic foci

Exocrine atrophy : Acinar atrophy, Acinar cell atrophy, Atrophy, Focal degeneration, Pancreatic atrophy

Exocrine hyperplasia : Acinar cell hyperplasia, Acinar hyperplasia, Hyperplasia

Inflammation : Acute inflammation, Chronic inflammation, Chronic pancreatitis, Inflammation with fibrosis, Inflammatory nodule, Interstitial inflammation, Lymphoid inflammation, Mononuclear

inflammation, Pancreatitis

Inflammatory foci : Focal inflammatory cell infiltration

Islet hyperplasia : Islet cell hyperplasia

Mononuclear cell foci : Lymphoid cell foci, Lymphoid cell infiltration, Mononuclear cell infiltration, Mononuclear cells

Parathyroid salivary Glands:

Fibrosis : Interstitial fibrosis

Parotid Glands:

Mucous cell rests : Mucous remnants

Parotid salivary Glands:

Basophilic acini : Foc. Basoph. Hypertrophy

Ectopic salivary Foci : Ectopic mand. remn.

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Pituitary:

Cystic Rathke's cleft : Cleft dilation, Cyst clefts
Cyst(s)/clefts : Cyst-like space pars intermedia, Cyst-like spaces, Cyst/ Pars distalis, Cyst(s), Cyst: p.intermedia
Hyperplasia : Hyperplasia focal: anterior, Hyperplasia diff: anterior, Hyperplasia diff: inter.
Hypertrophy : Focal hypertrophy
Vacuolation : Focal vacuolation, Vacuolization

Prostate:

Inflammation : Chronic prostatitis, Focal inflammation, Inflammation mononuclear, Inflammation polymorphous, Non-purulent inflammation, Non-suppurative inflammation, Prostatitis, Purulent inflammation, Purulent prostatitis, Suppurative inflammation
Inflammatory cell foci : Focal inflammatory cell infiltration, Interstitial inflammatory cell infiltration
Mononuclear cell foci : Lymphoid cell foci, Lymphoid cell infiltrate, Mononuclear cell infiltration, Mononuclear cells, Round cell infiltration

Rectum:

Nematodes in lumen : Nematodes, Nematodiasis, Parasite(s)

Sciatic Nerve:

Nerve fiber degeneration : Axonal degeneration, Axonal swelling, Degenerational neuropathy, Degeneration, Degenerative myelinopathy, Demyelination, Digestion chambers, Myelin fragmentation, Neuropathy, Single fiber degeneration

Seminal Vesicles:

Atrophy : Acinar atrophy, Alveolar atrophy, Atrophy/ hypersecret., Diffuse atrophy, Reduced size atrophy
Hemorrhage : Agonal congestion/ haemorrhage

Skeletal Muscle:

Atrophy : Atrophy/ hypersecret., Degeneration, Degeneration myopathy, Hindlimb myopathy, Myodegeneration, Myofiber atrophy, Myofiber degeneration, Myofibrosis, Myopathy
Inflammation : Mononuclear inflammation, Myositis, Polymorphonuclear inflammation
Mononuclear cell foci : Lymphoid cell foci, Lymphoid cell infiltrate, Mononuclear cell, Round cell infiltrate

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Skin:

Crust : Epithelial crust formation
Inflammation : Acute inflammation, Chronic inflammation, Dermatitis, Epidermitis, Inflammation granulomatous, Inflammation mononuclear, Ulcerative dermatitis
Mononuclear cell foci : Lymphoid cell infiltration, Lymphoid foci, Mononuclear cells, Round cell infiltration

Spinal Cord:

Mononuclear cell foci : Lymphoid cell foci

Spleen:

Extramedullary haematopoiesis : Hematopoiesis, Hemopoietic foci, Increased hemopoiesis
Hemosiderin pigment : Hemosiderin deposits, Increased hemosiderin, Pigment brown red pulp, Hemosiderin
Increased erythropoiesis : Erythroid hyperplasia, Erythropoiesis

Stomach:

Cystic Glands : Dilation of crypts, Dilated glands, Distended glands, Glandular dilatation, Glandular dilation, Glandular ectasia
Edema : Forestomach edema, Submucosal edema, Submucosal oedema (Glandular stomach), Submucosal oedema (Forestomach)
Epidermal cysts : Squamous cyst
Epithelial hyperplasia : Squamous hyperplasia
Epithelial vacuolation/ : Epithelial degeneration, Limiting ridge vacuolation, Vacuolation
Hyaline inclusions glandular mucosa: Hyaline droplets, Hyaline inclusions
Limiting ridge
Erosion/ ulceration : Erosions, Hemorrhagic erosions, Necrosis, Ulceration, Ulcer(s)
Hyaline droplets : Hyaline inclusions
Increased inflammatory cells : Increased inflammatory infiltration

Inflammation : Focal inflammation, Gastritis, Gastritis (Forestomach), Gastritis (Glandular stomach), Granuloma(s), Inflammation (Forestomach), Inflammation polymorph, Inflammatory mononuclear, Mucosal inflammation, Mucosal inflammation (Forestomach), Mucosal inflammation (Glandular stomach), Muscular inflammation, Submucosal inflammation , (Forestomach), Submucosal inflammation (Glandular stomach), Suppurative inflammation, Serosal inflammation

Mononuclear cell foci : Lymphoid cell infiltration
Erosion: glandular : Erosions/ fundus, Glandular erosions, Glandular stomach erosions, Mucosal erosions, Mucosal ulceration (Glandular stomach)
Erosion: forestomach : Forestomach erosions

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Submandibular Glands:

Mononuclear cell foci : Lymphoid cell foci

Testes:

Tubular degeneration : Atrophy, Degeneration, Seminiferous tubular atrophy, Tubular atrophy, Unilateral degeneration of germinal epithelium

Thyroid Glands:

Ductal remnants : Cyst(s), Persistent thyroglossal duct, Squamous cyst, Thyroglossal cyst/ ducts, Ultimobranchial cyst(s)

Follicular cell hypertrophy : Diffuse hypertrophy

Lymphoid tissue : Ectopic lymphoid tissue

Mononuclear cell foci : Lymphoid cell foci, Lymphoid cell infiltration, Lymphoid infiltration, Mononuclear cells, Round cell infiltration

Thymus:

Congestion : Hyperemia

Lymphocytolysis : Increased lymphocytolysis

Involution/ Atrophy : Advanced atrophy, Atrophy, Involution, Lymphoid atrophy, Lymphoid depletion, Thymic atrophy, Thymic involution

Cyst(s) : Epithelial cyst, Medullary cyst(s), Squamous cyst

Pigment deposition : Pigment, Pigment deposits

Trachea:

Distended glands : Cystic glands, Dilated glands, Glandular dilation, Glandular ectasia

Inflammation : Acute tracheitis, Granulocytic inflammation, Mononuclear inflammation, Peritrachitis, Tracheitis

Mononuclear cell foci : Lymphoid cell foci, Lymphoid cell infiltration, Mononuclear cells, Round cell infiltration

Pigment deposition : Pigment, Pigment macrophages

Uterus:

Cornual dilation : Dilated lumen, Dilated horns, Dilatation, Dilation, Distended lumen, Distension, Edema cyclical dilatation, Luminal dilatation

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Urinary Bladder:

Colloid plug : Seminal coagulum
Distension : Distended lumen, Ectasia
Inflammation : Acute cystitis, Chronic cystitis, Cystitis, Inflammation mononuclear, Lymphoid inflammation, Suppurative inflammation
Mononuclear cell foci : Lymphoid aggregation – subepithelial, Lymphoid cell infiltration, Lymphoid foci, Mononuclear cell infiltration, Mononuclear cells, Round cell infiltration

Vagina:

Diestrus : Diestrus epithelium, Dioestrous morphology
Estrus : Estrus epithelium, Oestrous morphology
Metestrus : Metestrus epithelium, Metroestrous morphology
Proestrus : Proestrus epithelium, Proestrous morphology

Zymbal's Glands:

Mononuclear cell foci : Lymphoid cell foci