F2_R2

C Number:	C20007
Lock Date:	03/27/2007
Cage Range:	ALL
Date Range:	ALL
Reasons For Removal:	ALL
Removal Date Range:	ALL
Treatment Groups:	Include ALL
Study Gender:	Both
TDMSE Version:	2.2.0

FISCHER 344 RATS MALE

0.0 G/KG

DAY ON TEST	729	727	651	728	727	610	629	729	727	728	727	582	728	727	729	504	727	727	727	728	728	727	727	728	545	
ANIMAL ID	0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022	0023	0024	0025	males (cont...)
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Epithelium, Hyperplasia																					1					
Epithelium, Necrosis																										
Muscularis, Degeneration																										
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan					X			X	X	X											X					
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ectopic Tissue																										
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Necrosis																										
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus	X			X					X	X	X		X				X					X	X	X	X	
Clear Cell Focus		X		X					X				X	X	X					X	X	X				
Eosinophilic Focus				X					X				X	X								X		X		
Fatty Change, Diffuse											1	1				3					2		2		1	
Hematopoietic Cell Proliferation																										
Hepatodiaphragmatic Nodule						X																				
Inflammation, Chronic Active	1	1		1	1				1	1	1	1	1	1	1		1		1	1	1	1	1	1		

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FISCHER 344 RATS MALE

0.0 G/KG

DAY ON TEST	729	727	651	728	727	610	629	729	727	728	727	582	728	727	729	504	727	727	727	728	728	727	727	728	545	males (cont...)
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	
Mixed Cell Focus																					X	X			X	
Necrosis																										
Pigmentation, Hemosiderin							3																			
Bile Duct, Hyperplasia	2	1	1	1	1	1			1	1		1	1	2			1	2	1		1	2		2		
Centrilobular, Fatty Change																										
Mesentery			+			+																				
Hemorrhage			3																							
Fat, Necrosis						1																				
Oral Mucosa																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	2					2	1					1			1			1		1		1				
Acinus, Hyperplasia																						1				
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation						3										3										
Ulcer						3										2										
Epithelium, Dysplasia																										
Epithelium, Hyperplasia		1				2										3										
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation			2				2																			
Epithelium, Necrosis							2																			
Tooth		+			+				+										+				+	+		
Malformation		1			1				1										1				1	1		

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ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	males (cont...)
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	2	3	2	2	2	1	1	2	3	3	2	2	3	2	3		3	1	3	3	3	3	2	3	2	
Atrium, Thrombosis							2																			
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration, Cystic	3																									
Hypertrophy					1			2																		
Necrosis								1																		
Vacuolization Cytoplasmic											3															
Zona Fasciculata, Hyperplasia	1	1										1		1										1		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia						1	1																	3	1	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																2										
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage			2																							
Pars Distalis, Hyperplasia				1	2		1			1			1		3				1							
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	
C-cell, Hyperplasia																		1	2				1	1		
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Coagulating Gland																									+	
Fibrosis																										
Inflammation																									2	
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	2	2	3				2		1			2	1		1	3	3		1		2	1	2	2	4	
Epithelium, Hyperplasia													1	1			1		1							
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Arteriole, Necrosis																					1					
Germinal Epithelium, Degeneration	2		1																							
Interstitial Cell, Hyperplasia		1	2		3			1				2					3				1		2	2		
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	0729	0727	0651	0728	0727	0610	0629	0729	0727	0728	0727	0582	0728	0727	0729	0504	0727	0727	0727	0728	0728	0727	0727	0728	0545	
ANIMAL ID	00001	00002	00003	00004	00005	00006	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025	
Hyperplasia			3			4	3	3		1	1							3								
Lymph Node																		+			+			+		
Mediastinal, Hyperplasia, Lymphoid																					2			2		
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	1																									
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Spleen												X														
Hematopoietic Cell Proliferation											2															
Hemorrhage						3																				
Inflammation																										
Necrosis						2																				
Pigmentation, Hemosiderin	1	1		1	1				1	1			1	1	1	2	1		1	1	1	1	1	1	1	
Lymphoid Follicle, Atrophy																										
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	3	3	4	4	4	3	4	3	3	3	3	4	3	3	3	3	3		3	3	3	3	3	4	3	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Subcutaneous Tissue, Fibrosis																										
MUSCULOSKELETAL SYSTEM																										

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DAY ON TEST	0729	0727	0651	0728	0727	0610	0629	0729	0727	0728	0727	0582	0728	0727	0729	0504	0727	0727	0727	0728	0728	0727	0727	0728	0545	
ANIMAL ID	00001	00002	00003	00004	00005	00006	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025	males (cont...)
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle							+																			
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Necrosis							1																			
Peripheral Nerve			+																						+	
Spinal Cord			+																						+	
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active						2	2		1			1						2								
Necrosis							2																			
Thrombosis																										
Alveolar Epithelium, Hyperplasia									3	2	1			1								1	1	2	1	
Alveolar Epithelium, Hypertrophy		1				1																				
Alveolar Epithelium, Metaplasia, Squamous									1																	
Alveolus, Infiltration Cellular, Histiocyte	1	1									1				1											
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Foreign Body																										
Inflammation	1		1	1		1	2						1	2			2			2	1					
Olfactory Epithelium, Metaplasia																										
Respiratory Epithelium, Hyperplasia																	2									

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ANIMAL ID	00001	00002	00003	00004	00005	00006	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cornea, Fibrosis											2														
Iris, Synechia											4														
Lens, Cataract																			1					2	
Retina, Degeneration			2															1	1				1	3	
Retina, Retinal Detachment											4														
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accumulation, Hyaline Droplet							1																		
Infarct																		2							
Mineralization	1	1		1	1	1	1	1	1	1		1		1	1	1	1	1	1			1		1	
Nephropathy	1	1	1	3	1	1	1		1	1	1	1	1		1	3	3	1	1	1	1	1	2	1	2
Cortex, Cyst																		2							
Papilla, Necrosis																									4
Pelvis, Inflammation																									3
Ureter																									+
Inflammation																									4
Urethra																									+
Inflammation																									4
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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males (cont...)

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0.0 G/KG ANIMAL ID	00001	00002	00003	00004	00005	00006	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025	**males (cont...)**
Inflammation																		1							4	
Transitional Epithelium, Hyperplasia															2											

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FISCHER 344 RATS MALE

0.0 G/KG

DAY ON TEST	0728	0728	0709	0613	0728	0729	0694	0511	0728	0689	0728	0728	0727	0728	0728	0504	0728	0727	0594	0727	0675	0686	0727	0727		
ANIMAL ID	00026	00027	00028	00029	00030	00031	00032	00033	00034	00035	00037	00038	00039	00040	00041	00042	00043	00044	00045	00046	00047	00048	00049	00050	* TOTALS	
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Epithelium, Hyperplasia																									**1**	**1.0**
Epithelium, Necrosis			1																						**1**	**1.0**
Muscularis, Degeneration			2																						**1**	**2.0**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Parasite Metazoan							X						X												**7**	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Ectopic Tissue													2												**1**	**2.0**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Necrosis				1																					**1**	**1.0**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Basophilic Focus	X	X			X				X			X			X		X			X			X	X	**21**	
Clear Cell Focus	X	X			X	X							X	X	X		X			X					**18**	
Eosinophilic Focus		X			X				X				X	X	X		X					X		X	**15**	
Fatty Change, Diffuse			2	1		2		4				1													**11**	**1.8**
Hematopoietic Cell Proliferation								1				1										1			**3**	**1.0**
Hepatodiaphragmatic Nodule														X											**2**	
Inflammation, Chronic Active	1	1			1	1	1		1		1	1	1	1	1	1	1	1		1	1		1	1	**36**	**1.0**

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FISCHER 344 RATS MALE

0.0 G/KG

DAY ON TEST	728	728	709	613	728	729	694	511	728	689	728	728	727	728	728	504	728	727	594	727	675	686	727	727	* TOTALS
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	
Mixed Cell Focus							X																		**4**
Necrosis																					2				**1 2.0**
Pigmentation, Hemosiderin																									**1 3.0**
Bile Duct, Hyperplasia	1	2	1	1	1	2					1	1	1		2	1	2		2	1	1				**32 1.3**
Centrilobular, Fatty Change																						2			**1 2.0**
Mesentery	+															+		+			+				**6**
Hemorrhage																									**1 3.0**
Fat, Necrosis	3															2		4							**4 2.5**
Oral Mucosa													+												**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Atrophy					1	1				1	1	1			2						1			2	**16 1.3**
Acinus, Hyperplasia					1										3					2		1	1		**6 1.5**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Inflammation		1	3	2				2								3						1			**8 2.3**
Ulcer			2	3																					**4 2.5**
Epithelium, Dysplasia																						1			**1 1.0**
Epithelium, Hyperplasia			3	1												3									**6 2.2**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Inflammation																									**2 2.0**
Epithelium, Necrosis																				1					**2 1.5**
Tooth											+			+			+	+							**10**
Malformation											1			1			1	1							**10 1.0**

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FISCHER 344 RATS MALE

0.0 G/KG

DAY ON TEST	728	728	709	613	728	729	694	511	728	689	728	728	727	728	728	504	728	727	594	727	675	686	727	727		
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS	
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Cardiomyopathy	2	2	2	2	2	3	2	2	3	2	3	2	3	2	3	3	3	2	2	3	2	2	2	3	**48**	**2.4**
Atrium, Thrombosis												2													**2**	**2.0**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Degeneration, Cystic																									**1**	**3.0**
Hypertrophy																									**2**	**1.5**
Necrosis																									**1**	**1.0**
Vacuolization Cytoplasmic																									**1**	**3.0**
Zona Fasciculata, Hyperplasia	1											1			1										**8**	**1.0**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Hyperplasia													4	2				1				1		1	**9**	**1.7**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Hyperplasia								1				4													**2**	**2.5**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Hyperplasia																									**1**	**2.0**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Hemorrhage																									**1**	**2.0**
Pars Distalis, Hyperplasia		3	1		1				1	1		1		2	1							1	3		**17**	**1.5**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	

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FISCHER 344 RATS MALE 0.0 G/KG																										
DAY ON TEST	728	728	709	613	728	729	694	511	728	689	728	728	727	728	728	504	728	727	594	727	675	686	727	727		
ANIMAL ID	026	027	028	029	030	031	032	033	034	035	037	038	039	040	041	042	043	044	045	046	047	048	049	050		* TOTALS
C-cell, Hyperplasia							1						4					1					4			**8 1.9**
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Coagulating Gland																							+			**2**
Fibrosis																							3			**1 3.0**
Inflammation																										**1 2.0**
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**49**
Inflammation													1													**1 1.0**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**49**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**49**
Inflammation	2	2			1		2	2	2						2	2		2	2			2		3		**28 2.0**
Epithelium, Hyperplasia						1	1						2	1	1											**9 1.1**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**49**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**49**
Arteriole, Necrosis																										**1 1.0**
Germinal Epithelium, Degeneration																2										**3 1.7**
Interstitial Cell, Hyperplasia	2						1	1			3	3				2		2	2							**17 1.9**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**49**

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FISCHER 344 RATS MALE

0.0 G/KG

DAY ON TEST	728	728	709	613	728	729	694	511	728	689	728	728	727	728	728	504	728	727	594	727	675	686	727	727		
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS	
Hyperplasia			3			1		3	2	3	1	4					1				3				**16**	**2.4**
Lymph Node		+																							**4**	
Mediastinal, Hyperplasia, Lymphoid		2																							**3**	**2.0**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Atrophy																						3			**2**	**2.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Accessory Spleen																									**1**	
Hematopoietic Cell Proliferation	1		1					3				2				2		1			2	2		1	**10**	**1.7**
Hemorrhage																									**1**	**3.0**
Inflammation																					2				**1**	**2.0**
Necrosis																									**1**	**2.0**
Pigmentation, Hemosiderin	1			1		1	2	1					1	1	1	1	1	1	1					1	**31**	**1.1**
Lymphoid Follicle, Atrophy				4												3									**2**	**3.5**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	**48**	
Atrophy	4	3	4	4	3	3	3	3	3	4	3	3	4	3	3	4	3	4	4	3		4	4	3	**47**	**3.3**

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	**48**	
Hyperplasia															2										**1**	**2.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Subcutaneous Tissue, Fibrosis		4																							**1**	**4.0**

MUSCULOSKELETAL SYSTEM

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FISCHER 344 RATS MALE 0.0 G/KG																									
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ANIMAL ID	026	027	028	029	030	031	032	033	034	035	037	038	039	040	041	042	043	044	045	046	047	048	049	050	* TOTALS
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Skeletal Muscle																									**1**
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Hemorrhage																1									**1 1.0**
Necrosis										3															**2 2.0**
Peripheral Nerve																									**2**
Spinal Cord																									**2**
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Inflammation, Chronic Active									1																**6 1.5**
Necrosis										1															**2 1.5**
Thrombosis				1																					**1 1.0**
Alveolar Epithelium, Hyperplasia	1				2	1	1				1			1		3	2	1		1				1	**19 1.4**
Alveolar Epithelium, Hypertrophy																									**2 1.0**
Alveolar Epithelium, Metaplasia, Squamous																									**1 1.0**
Alveolus, Infiltration Cellular, Histiocyte							1		1				1											1	**8 1.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Foreign Body																X									**1**
Inflammation		1							2			2			2	3	3		2					2	**18 1.7**
Olfactory Epithelium, Metaplasia															2		2								**2 2.0**
Respiratory Epithelium, Hyperplasia																									**1 2.0**

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0.0 G/KG

DAY ON TEST	728	728	709	613	728	729	694	511	728	689	728	728	727	728	728	504	728	727	594	727	675	686	727	727	* TOTALS
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Cornea, Fibrosis																									**1 2.0**
Iris, Synechia																									**1 4.0**
Lens, Cataract																									**2 1.5**
Retina, Degeneration												1													**6 1.5**
Retina, Retinal Detachment																									**1 4.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Accumulation, Hyaline Droplet																									**1 1.0**
Infarct																									**1 2.0**
Mineralization	1			1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1		**38 1.0**
Nephropathy	2	2	2	1	1	2	2	3	1	1	1	1	1	1	2		2	1	1	1	1	1	1	2	**46 1.4**
Cortex, Cyst																									**1 2.0**
Papilla, Necrosis																									**1 4.0**
Pelvis, Inflammation																									**1 3.0**
Ureter																									**1**
Inflammation																									**1 4.0**
Urethra																									**1**
Inflammation																									**1 4.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**

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DAY ON TEST	728	728	709	613	728	729	694	511	728	689	728	728	727	728	728	504	728	727	594	727	675	686	727	727	
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS
Inflammation																									**2 2.5**
Transitional Epithelium, Hyperplasia																									**1 2.0**

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0.1 G/KG

DAY ON TEST	728	727	727	727	714	727	729	709	728	679	728	728	168	571	728	728	689	727	728	728	673	729	666	727	714	males (cont...)
ANIMAL ID	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	0075	
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation					1																					
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan						X			X																	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis			1																							
Basophilic Focus	X	X	X	X		X	X	X	X		X					X	X	X	X	X			X			
Clear Cell Focus		X	X	X		X	X		X		X	X				X		X				X				
Degeneration, Cystic				1																		1				
Eosinophilic Focus		X	X	X			X													X		X	X	X		
Fatty Change, Diffuse					2					1													1			
Hematopoietic Cell Proliferation								1																	1	
Hepatodiaphragmatic Nodule		X				X			X						X										X	
Inflammation, Chronic Active	1	1	1	1		1	1		1	1	1	1			1	1		1	1	1		1	1		1	
Mixed Cell Focus				X	X	X					X												X			
Necrosis												2														

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DAY ON TEST	728	727	727	727	714	727	729	709	728	679	728	728	168	571	728	728	689	727	728	728	673	729	666	727	714	males (cont...)
ANIMAL ID	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	0075	
Bile Duct, Cyst																		1								
Bile Duct, Hyperplasia	1	2	1	1	3	1	1	1	1	1	1	1			1	1	1	2	1	2	1	2		2	1	
Centrilobular, Fatty Change	2	1				2			1			1							1							
Centrilobular, Necrosis																										
Hepatocyte, Hypertrophy											1															
Oval Cell, Hyperplasia					2																					
Mesentery									+		+				+						+					
Fat, Necrosis									1		2				1						2					
Oral Mucosa																									+	
Hyperplasia, Squamous																									3	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy		1	1	1			1	1						1	1			1	1							
Basophilic Focus																						X				
Acinus, Hyperplasia				1														1	1			2		1		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																					2					
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation					2																					
Mineralization											1															
Epithelium, Hyperplasia					2						1															
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation					1																					
Epithelium, Necrosis														2												
Tooth																						+			+	

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DAY ON TEST	728	727	727	727	714	727	729	709	728	679	728	728	168	571	728	728	689	727	728	728	673	729	666	727	714	
ANIMAL ID	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	0075	males (cont...)
Malformation																						1			1	
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	3	2	3	2	2	3	3	2	3	2	2	3	1	1	2	3	1	4	2	3	3	2	4	3		
Atrium, Thrombosis																	1									
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic Cell Proliferation								2																		
Hypertrophy	2																				1	1				
Necrosis																								1		
Zona Fasciculata, Hyperplasia																										
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia					1				3	1							3					2		1	1	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																									1	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Hyperplasia			2		1	1				2	2	2					3				1	2	1			
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte					2																					

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2) Mild 4) Marked

FISCHER 344 RATS MALE 0.1 G/KG																										males (cont...)
DAY ON TEST	728	727	727	727	714	727	729	709	728	679	728	728	168	571	728	728	689	727	728	728	673	729	666	727	714	
ANIMAL ID	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	0075	
C-cell, Hyperplasia					3		1		2		1											4				
Follicular Cell, Hyperplasia																										
GENERAL BODY SYSTEM																										
Tissue NOS																										
GENITAL SYSTEM																										
Coagulating Gland												+														
Inflammation												3														
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																				1						
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	1			2		2	1	2			2	3		2	2	1		2				1				
Epithelium, Hyperplasia						2											2									
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Interstitial Cell, Hyperplasia				3					2	4					3								2		2	
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Hyperplasia		2						3					4	3			3	1			4			3	2	

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FISCHER 344 RATS MALE 0.1 G/KG ANIMAL ID	00051	00052	00053	00054	00055	00056	00057	00058	00059	00060	00061	00062	00063	00064	00065	00066	00067	00068	00069	00070	00071	00072	00073	00074	00075	**males (cont...)**
Necrosis																										
Lymph Node					+																					
Mediastinal, Infiltration Cellular, Plasma Cell																										
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																					1					
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Amyloid Deposition					2																					
Hematopoietic Cell Proliferation				1				3					2	3				1			2				2	
Pigmentation, Hemosiderin	1	1	1	1	1	1	1		1	1	1	1			1	1		1		1		1	1			
Lymphoid Follicle, Atrophy					3									2												
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	4	3	3	4	4	2	4	3	4	3	2	3	2	4	3	3	4	3	3	3	4	4	3	3	4	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion												X														
Inflammation						1																				
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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ANIMAL ID	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	0075	males (cont...)
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Hydrocephalus																										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion																										
Inflammation, Chronic Active					1										1										1	
Alveolar Epithelium, Hyperplasia				1		1	1			3	2				1					2						
Alveolar Epithelium, Metaplasia, Squamous																2										
Alveolus, Infiltration Cellular, Histiocyte										1														1		
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Foreign Body		X																X								
Inflammation		3			2				1		1					2		2		2	2					
Olfactory Epithelium, Metaplasia																										
Respiratory Epithelium, Hyperplasia			1					2		4																
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Ear																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lens, Cataract																								1		
Retina, Degeneration															1					1				1	1	

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DAY ON TEST	728	727	727	727	714	727	729	709	728	679	728	728	168	571	728	728	689	727	728	728	673	729	666	727	714	
ANIMAL ID	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	0075	males (cont...)
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Mineralization	1	1	1	1	1	1	1	1		1	1	1		1	1	1	1	1	1	1	1	1			1	
Nephropathy	2	3	1	1	1	1	1	2	1	1	2	1		1	2	1	1	3	2	1	1	1	1	1	3	
Pelvis, Dilatation																										
Pelvis, Transitional Epithelium, Hyperplasia																								1		
Ureter																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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0.1 G/KG

DAY ON TEST	030	727	728	729	728	729	728	729	729	525	727	728	646	727	729	727	700	727	727	571	728	615	728	727	727	
ANIMAL ID	0076	0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	0100	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 1.0**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan																										**2**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis																										**1 1.0**
Basophilic Focus		X	X			X	X		X		X		X	X	X	X	X	X			X		X		X	**30**
Clear Cell Focus				X	X		X		X		X		X	X	X	X			X		X		X	X	X	**25**
Degeneration, Cystic								1			1															**4 1.0**
Eosinophilic Focus				X			X	X				X		X	X						X		X	X	X	**18**
Fatty Change, Diffuse		1					1			1														1	1	**8 1.1**
Hematopoietic Cell Proliferation																				1						**3 1.0**
Hepatodiaphragmatic Nodule															X						X					**7**
Inflammation, Chronic Active		1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1		2	1		1	1	1	**39 1.0**
Mixed Cell Focus																										**5**
Necrosis															1											**2 1.5**

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DAY ON TEST	030	727	728	729	728	729	728	729	729	525	727	728	646	727	729	727	700	727	727	571	728	615	728	727	727	* TOTALS
ANIMAL ID	0076	0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	0100	
Bile Duct, Cyst																										**1 1.0**
Bile Duct, Hyperplasia		2		1	1	1	1	2			1	1	1	2	2		1	1	1			3	1		1	**39 1.3**
Centrilobular, Fatty Change															1											**7 1.3**
Centrilobular, Necrosis																			1	3						**2 2.0**
Hepatocyte, Hypertrophy																1										**2 1.0**
Oval Cell, Hyperplasia																						2				**2 2.0**
Mesentery																	+			+		+			+	**8**
Fat, Necrosis																	1					1			2	**7 1.4**
Oral Mucosa																										**1**
Hyperplasia, Squamous																										**1 3.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy			1												1			1						1		**13 1.0**
Basophilic Focus																										**1**
Acinus, Hyperplasia		1							1										1						2	**9 1.2**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy																										**1 2.0**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation					1					1												2				**4 1.5**
Mineralization													1													**2 1.0**
Epithelium, Hyperplasia										1												2				**4 1.5**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation								1														1				**3 1.0**
Epithelium, Necrosis																										**1 2.0**
Tooth					+	+		+		+																**6**

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FISCHER 344 RATS MALE

0.1 G/KG

DAY ON TEST	030	727	728	729	728	729	728	729	729	525	727	728	646	727	729	727	700	727	727	571	728	615	728	727	727	* TOTALS	
ANIMAL ID	0076	0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	0100		
Malformation					1	1		1		1																**6**	**1.0**
CARDIOVASCULAR SYSTEM																											
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cardiomyopathy	1	3	2	3	3	3	3	2	3	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	2	**49**	**2.4**
Atrium, Thrombosis																				2						**2**	**1.5**
ENDOCRINE SYSTEM																											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hematopoietic Cell Proliferation																										**1**	**2.0**
Hypertrophy						1													2							**5**	**1.4**
Necrosis																										**1**	**1.0**
Zona Fasciculata, Hyperplasia				1							1		1			1			2				1			**6**	**1.2**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia						2															2	4			1	**11**	**1.9**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia																					1					**2**	**1.0**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Pars Distalis, Hyperplasia				2			3	1					1			3	2		4	1	1	2				**20**	**1.9**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Infiltration Cellular, Lymphocyte																										**1**	**2.0**

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FISCHER 344 RATS MALE 0.1 G/KG																										
DAY ON TEST	030	727	728	729	728	729	728	729	729	525	727	728	646	727	729	727	700	727	727	571	728	615	728	727	727	
ANIMAL ID	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099	100	* TOTALS
C-cell, Hyperplasia					2									2				1	1		2		3	1		**12 1.9**
Follicular Cell, Hyperplasia			2																						1	**2 1.5**
GENERAL BODY SYSTEM																										
Tissue NOS										+																**1**
GENITAL SYSTEM																										
Coagulating Gland																			+							**2**
Inflammation																			3							**2 3.0**
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																		2			1			1		**4 1.3**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation						3	1	2		2	3	2		2	1		2	1	3				1			**24 1.8**
Epithelium, Hyperplasia							2					3							1	1			2	1		**8 1.8**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Interstitial Cell, Hyperplasia						2		2	1	1	2						1		1			2			3	**15 2.1**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																4										**1 4.0**
Hyperplasia			3	2				4		3							3			3	2	4				**17 2.9**

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ANIMAL ID	0076	0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	0100	* TOTALS	
Necrosis			1																							1	1.0
Lymph Node			+																			+				3	
Mediastinal, Infiltration Cellular, Plasma Cell			2																							1	2.0
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy						1																				2	1.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Amyloid Deposition																										1	2.0
Hematopoietic Cell Proliferation										3							3			2						10	2.2
Pigmentation, Hemosiderin		1		1	1	1	1				1	1		1	1	1		1	1				1	1	1	32	1.0
Lymphoid Follicle, Atrophy																										2	2.5
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	4	49	3.2
INTEGUMENTARY SYSTEM																											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst Epithelial Inclusion																										1	
Inflammation																		1								2	1.0
MUSCULOSKELETAL SYSTEM																											
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

FISCHER 344 RATS MALE

0.1 G/KG

DAY ON TEST	030	727	728	729	728	729	728	729	729	525	727	728	646	727	729	727	700	727	727	571	728	615	728	727	727	
ANIMAL ID	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099	100	* TOTALS
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																						1				**1 1.0**
Hydrocephalus																					1					**1 1.0**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Congestion	2																									**1 2.0**
Inflammation, Chronic Active																										**3 1.0**
Alveolar Epithelium, Hyperplasia					4		1		3					1					1					1		**13 1.7**
Alveolar Epithelium, Metaplasia, Squamous																										**1 2.0**
Alveolus, Infiltration Cellular, Histiocyte								1																		**3 1.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Foreign Body							X								X											**4**
Inflammation		2					2						2		2					1				1		**14 1.8**
Olfactory Epithelium, Metaplasia							2																			**1 2.0**
Respiratory Epithelium, Hyperplasia																										**3 2.3**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Ear													+										+			**2**
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lens, Cataract																										**1 1.0**
Retina, Degeneration											1													1		**6 1.0**

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FISCHER 344 RATS MALE

0.1 G/KG

DAY ON TEST	030	727	728	729	728	729	728	729	729	525	727	728	646	727	729	727	700	727	727	571	728	615	728	727	727	
ANIMAL ID	0076	0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	0100	* TOTALS
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mineralization			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	**43 1.0**
Nephropathy		1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	**47 1.2**
Pelvis, Dilatation										2																**1 2.0**
Pelvis, Transitional Epithelium, Hyperplasia																										**1 1.0**
Ureter																			+							**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	729	727	664	630	728	727	728	728	729	729	728	728	728	701	728	727	702	689	728	728	729	727	727	728	728	
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	males (cont...)
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan				X	X																					
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																								1	1	
Basophilic Focus	X		X					X		X		X		X	X				X		X		X		X	
Clear Cell Focus	X	X				X	X		X		X				X							X	X	X	X	
Degeneration, Cystic																										
Eosinophilic Focus				X	X		X	X	X	X					X	X		X								
Fatty Change, Diffuse	1					1		1					3						1		2					
Hematopoietic Cell Proliferation																										
Hepatodiaphragmatic Nodule														X				X				X				
Inflammation, Chronic Active	1	1			1	1	1			1	1				1	1			1		1	1	1	1	1	
Mixed Cell Focus																X					X					
Pigmentation, Hemosiderin		2												1												
Bile Duct, Hyperplasia	2			2	1	2	2	1	1	1	2		2	1	2			1	1	1	1	1	2	1	1	

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2) Mild 4) Marked

FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	729	727	664	630	728	727	728	728	729	729	728	728	728	701	728	727	702	689	728	728	729	727	727	728	728	
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	males (cont...)
Centrilobular, Degeneration																										
Centrilobular, Fatty Change										1														1	2	
Hepatocyte, Hyperplasia																	2									
Hepatocyte, Hypertrophy															1										1	
Oval Cell, Hyperplasia																				1						
Mesentery								+														+				
Thrombosis																										
Fat, Necrosis								2														1				
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy				1			1		1					1		1	2		1	1	1	1			1	
Inflammation																	1								1	
Acinus, Hyperplasia		2		3			1				1		3											1		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erosion																										
Inflammation										2			4	4												
Mineralization																										
Ulcer													4	4												
Epithelium, Dysplasia																										
Epithelium, Hyperplasia		1								2			3	3												
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation														2												
Epithelium, Necrosis																										
Tooth							+			+			+												+	

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FISCHER 344 RATS MALE 0.3 G/KG																										
DAY ON TEST	729	727	664	630	728	727	728	728	729	729	728	728	728	701	728	727	702	689	728	728	729	727	727	728	728	
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	males (cont...)
Malformation							1			1			1												1	
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pulmonary Artery, Inflammation, Chronic Active																										
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	3	2	2	2	2	3	3	2	3	2		2	4	3	2	2	3	2	2	2	3	2	3	1	2	
Mineralization				1																						
Atrium, Thrombosis													1													
Coronary Artery, Degeneration																	1									
Epicardium, Inflammation																	1									
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic Cell Proliferation												1														
Hypertrophy										1			1											1		
Necrosis																										
Zona Fasciculata, Hyperplasia	1						1											1						1		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia							1							3							1		1			
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	
Hyperplasia														1												

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	729	727	664	630	728	727	728	728	729	729	728	728	728	701	728	727	702	689	728	728	729	727	727	728	728	
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	males (cont...)
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Pars Distalis, Angiectasis																										
Pars Distalis, Hyperplasia	1		1		1		1		1		2					2				1		1		1		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia											3	1			1			1	1	4	3					
GENERAL BODY SYSTEM																										
Peritoneum				+																						
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation			1		2																			2		
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																2										
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation						2		2			1	2	2	2			1	2			1				2	
Epithelium, Hyperplasia																		1								
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Interstitial Cell, Hyperplasia				3							4			2								4			2	

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	729	727	664	630	728	727	728	728	729	729	728	728	728	701	728	727	702	689	728	728	729	727	727	728	728	
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	males (cont...)
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia			2						1			2	3	1	2	3	4		1	2	2					
Lymph Node																										
Mediastinal, Ectasia																										
Mediastinal, Infiltration Cellular, Plasma Cell																										
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic Cell Proliferation			1					1									3									
Pigmentation, Hemosiderin	1	1		1	1	1	1	2	1	1	1		1	1	1			1			1	1	1	1	1	
Lymphoid Follicle, Atrophy				2										4												
Lymphoid Follicle, Hyperplasia																	3									
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	4	4	3	3	3	3	3	4	3	3	3	3	4	4	3	3	4	3	3	3	4	4	4	4	3	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Epidermis, Hyperplasia, Basal Cell																										
MUSCULOSKELETAL SYSTEM																										

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	0729	0727	0664	0630	0728	0727	0728	0728	0729	0729	0728	0728	0728	0701	0728	0727	0702	0689	0728	0728	0729	0727	0727	0728	0728
ANIMAL ID	0010 1	0010 2	0010 3	0010 4	0010 5	0010 6	0010 7	0010 8	0010 9	0010 10	0011 11	0011 12	0011 13	0011 14	0011 15	0011 16	0011 17	0011 18	0011 19	0012 20	0012 21	0012 22	0012 23	0012 24	0012 25
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle		+																							
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Necrosis																									
Choroid Plexus, Infiltration Cellular, Lymphocyte												2													
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Congestion																									
Inflammation, Chronic Active					1									1			1					1	1		
Thrombosis																									
Alveolar Epithelium, Hyperplasia					1	1		1			1			1	1			2		1		3			2
Alveolar Epithelium, Hypertrophy														1											
Alveolar Epithelium, Metaplasia														2											
Alveolar Epithelium, Metaplasia, Squamous																									
Alveolus, Infiltration Cellular, Histiocyte					1		1				1			2	1							1	1		
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foreign Body																									
Inflammation				2		1		2		1				1				2							
Olfactory Epithelium, Metaplasia																									
Respiratory Epithelium, Hyperplasia		1																							
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

males (cont...)

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FISCHER 344 RATS MALE 0.3 G/KG																									
DAY ON TEST	729	727	664	630	728	727	728	728	729	729	728	728	728	701	728	727	702	689	728	728	729	727	727	728	728
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025
SPECIAL SENSES SYSTEM																									
Ear																				+					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cornea, Inflammation																									
Lens, Cataract																					2				
Retina, Degeneration		1			1			3				2	1				1	1	1						3
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland																									
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accumulation, Hyaline Droplet								1																	
Infarct												1													
Inflammation, Acute																	2								
Mineralization		1	1	1	1	1	1	1		1		1		1	1	1	1	1		1	1			1	1
Nephropathy	2	1	1	1	2	2	2	3	1	2		2	3	3	2	2	1	2	2		1	2	1	1	3
Pelvis, Transitional Epithelium, Hyperplasia																									
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									

males (cont...)

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	0727	0727	0727	0728	0598	0664	0709	0694	0728	0729	0727	0727	0689	0608	0727	0616	0673	0727	0729	0590	0728	0729	0454	0664	0728	
ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan		X				X								X												**5**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis																										**2 1.0**
Basophilic Focus	X		X	X								X	X						X						X	**18**
Clear Cell Focus	X	X		X				X	X	X	X	X			X			X	X		X	X			X	**25**
Degeneration, Cystic							1							1		2										**3 1.3**
Eosinophilic Focus	X						X									X			X			X				**14**
Fatty Change, Diffuse					2		1				1						4	1						1		**12 1.6**
Hematopoietic Cell Proliferation			2																							**1 2.0**
Hepatodiaphragmatic Nodule															X											**4**
Inflammation, Chronic Active	1	1	1	1	1	1		1		1	1	1				1	1	1	1		1	1			1	**32 1.0**
Mixed Cell Focus					X									X												**4**
Pigmentation, Hemosiderin																										**2 1.5**
Bile Duct, Hyperplasia	1	1		1	2	1	1	2	2	3	2	2		1	1		1	1	1	2	2			1	1	**40 1.4**

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	0727	0727	0727	0728	0598	0664	0709	0694	0728	0729	0727	0727	0689	0608	0727	0616	0673	0727	0729	0590	0728	0729	0454	0664	0728	
ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	* TOTALS
Centrilobular, Degeneration			2																							**1 2.0**
Centrilobular, Fatty Change																1										**4 1.3**
Hepatocyte, Hyperplasia																										**1 2.0**
Hepatocyte, Hypertrophy																										**2 1.0**
Oval Cell, Hyperplasia																										**1 1.0**
Mesentery	+				+					+							+			+						**7**
Thrombosis																				3						**1 3.0**
Fat, Necrosis	1				2					2							2									**6 1.7**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy						1			1		1			2				1	1						4	**18 1.3**
Inflammation																										**2 1.0**
Acinus, Hyperplasia										1								1						1		**9 1.6**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy																	2									**1 2.0**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Erosion																2										**1 2.0**
Inflammation								3		1			3			3	2			3						**9 2.8**
Mineralization								1																		**1 1.0**
Ulcer								2					3				3			2						**6 3.0**
Epithelium, Dysplasia	1																			1						**2 1.0**
Epithelium, Hyperplasia						1		2		4			2			3	3			4						**11 2.5**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																				2				1		**3 1.7**
Epithelium, Necrosis																	2							2		**2 2.0**
Tooth						+		+												+				+	+	**9**

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	0727	0727	0727	0728	0598	0664	0709	0694	0728	0729	0727	0727	0689	0608	0727	0616	0673	0727	0729	0590	0728	0729	0454	0664	0728		
ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	* TOTALS	
Malformation						1		1												1				1	1	**9**	**1.0**
CARDIOVASCULAR SYSTEM																											
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Pulmonary Artery, Inflammation, Chronic Active																								2		**1**	**2.0**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cardiomyopathy	2	2	1	2	3	2	2	2	2	2	3	3	2	2	2	2		3	2	1	2	3	3	3	2	**48**	**2.3**
Mineralization																										**1**	**1.0**
Atrium, Thrombosis			2																	2						**3**	**1.7**
Coronary Artery, Degeneration																										**1**	**1.0**
Epicardium, Inflammation																										**1**	**1.0**
ENDOCRINE SYSTEM																											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hematopoietic Cell Proliferation																										**1**	**1.0**
Hypertrophy																										**3**	**1.0**
Necrosis																	1									**1**	**1.0**
Zona Fasciculata, Hyperplasia	1										1		1								1			1		**9**	**1.0**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia					1	1					1							4		2	3					**10**	**1.8**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia						1										1										**2**	**1.0**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	**48**	
Hyperplasia																										**1**	**1.0**

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	727	727	727	728	598	664	709	694	728	729	727	727	689	608	727	616	673	727	729	590	728	729	454	664	728	
ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	* TOTALS
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																								2		**1 2.0**
Pars Distalis, Angiectasis																					2					**1 2.0**
Pars Distalis, Hyperplasia		2	3			2					1	1	1	1	1				1			2			2	**21 1.4**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia		1		4						1				1	1											**12 1.8**
GENERAL BODY SYSTEM																										
Peritoneum																										**1**
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**3 1.7**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Inflammation																										**1 2.0**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation				2			2	2	2	2	1				2			1			1			4	1	**21 1.8**
Epithelium, Hyperplasia																									1	**2 1.0**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																								2		**1 2.0**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Interstitial Cell, Hyperplasia						2		1						2	2									2		**10 2.4**

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	0727	0727	0727	0728	0598	0664	0709	0694	0728	0729	0727	0727	0689	0608	0727	0616	0673	0727	0729	0590	0728	0729	0454	0664	0728	
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HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia			3		2	3				1		1	3	2	2	2	3			3		1		1		**24 2.1**
Lymph Node														+								+				**2**
Mediastinal, Ectasia														2												**1 2.0**
Mediastinal, Infiltration Cellular, Plasma Cell																						3				**1 3.0**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hematopoietic Cell Proliferation			2			2							1			2										**7 1.7**
Pigmentation, Hemosiderin	1			1	1		1	2		1	1	1	1	1					1		1	1	1	1	1	**35 1.1**
Lymphoid Follicle, Atrophy																										**2 3.0**
Lymphoid Follicle, Hyperplasia																										**1 3.0**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy	3	3	3	3	3	3	4	3	4	3	3	3	3	4	3	4		3	3	4	3	3	3	4	3	**49 3.3**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Epidermis, Hyperplasia, Basal Cell																									3	**1 3.0**
MUSCULOSKELETAL SYSTEM																										

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	0727	0727	0727	0728	0598	0664	0709	0694	0728	0729	0727	0727	0689	0608	0727	0616	0673	0727	0729	0590	0728	0729	0454	0664	0728	
ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	* TOTALS
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skeletal Muscle																										**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Necrosis					3													3								**2 3.0**
Choroid Plexus, Infiltration Cellular, Lymphocyte																										**1 2.0**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Congestion					3																					**1 3.0**
Inflammation, Chronic Active									1		1	1												2		**9 1.1**
Thrombosis																				1						**1 1.0**
Alveolar Epithelium, Hyperplasia	1	1							1		2		1	2	1		2				1	1				**20 1.4**
Alveolar Epithelium, Hypertrophy						2																				**2 1.5**
Alveolar Epithelium, Metaplasia																										**1 2.0**
Alveolar Epithelium, Metaplasia, Squamous														2												**1 2.0**
Alveolus, Infiltration Cellular, Histiocyte				1														1			1	1				**11 1.1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Foreign Body																					X					**1**
Inflammation		2									1	2									2					**10 1.6**
Olfactory Epithelium, Metaplasia		1										2									1					**3 1.3**
Respiratory Epithelium, Hyperplasia																										**1 1.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	0727	0727	0727	0728	0598	0664	0709	0694	0728	0729	0727	0727	0689	0608	0727	0616	0673	0727	0729	0590	0728	0729	0454	0664	0728	
ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	* TOTALS
SPECIAL SENSES SYSTEM																										
Ear																										**1**
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cornea, Inflammation														3												**1 3.0**
Lens, Cataract																									2	**2 2.0**
Retina, Degeneration			1																							**10 1.5**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Zymbal's Gland														+												**1**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Accumulation, Hyaline Droplet																										**1 1.0**
Infarct																										**1 1.0**
Inflammation, Acute																										**1 2.0**
Mineralization	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	**41 1.0**
Nephropathy	2	1	1	2	1	1	2	2	1	1	2	3	1	1	2	1	1	3	2	2	3	2	2	3	2	**48 1.8**
Pelvis, Transitional Epithelium, Hyperplasia				2																						**1 2.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																								2		**1 2.0**

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	0727	0727	0556	0589	0728	0729	0629	0727	0709	0447	0673	0728	0640	0729	0729	0727	0694	0665	0727	0727	0679	0727	0030	0727	0728	
ANIMAL ID	0015 1	0015 2	0015 3	0015 4	0015 5	0015 6	0015 7	0015 8	0015 9	0016 0	0016 1	0016 2	0016 3	0016 4	0016 5	0016 6	0016 7	0016 8	0016 9	0017 0	0017 1	0017 2	0017 3	0017 4	0017 5	**males (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan	X								X																	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																										
Basophilic Focus									X			X		X						X		X		X	X	
Clear Cell Focus		X	X			X						X		X	X										X	
Degeneration, Cystic			1						2		1			1			1									
Eosinophilic Focus	X		X		X						X	X	X		X	X			X							
Fatty Change, Diffuse	1						2		1						1											
Fibrosis																										
Hepatodiaphragmatic Nodule							X																			
Inflammation, Chronic Active	1	1	1		1	1	1		1	1		1	1	1	1	1				1		1		1	1	
Necrosis																										
Pigmentation, Hemosiderin													1													
Tension Lipidosis				2																						

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	0727	0727	0556	0589	0728	0729	0629	0727	0709	0447	0673	0728	0640	0729	0729	0727	0694	0665	0727	0727	0679	0727	0030	0727	0728	
ANIMAL ID	00151	00152	00153	00154	00155	00156	00157	00158	00159	00160	00161	00162	00163	00164	00165	00166	00167	00168	00169	00170	00171	00172	00173	00174	00175	males (cont...)
Bile Duct, Hyperplasia				1		1	1	2	1	1	1	1	1	2	1	1	3	2	2	2					1	
Centrilobular, Fatty Change		1			2	2						2		1		1				2		2			2	
Centrilobular, Necrosis																										
Hepatocyte, Hypertrophy	2			1			2					1	2		1	2				2			1			
Oval Cell, Hyperplasia																			1							
Mesentery						+										+								+		
Fat, Necrosis																2								2		
Oral Mucosa			+																							
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy						1		1	1				1		1		1	4	1	1				1		
Inflammation						2																				
Acinus, Hyperplasia							2																			
Acinus, Metaplasia, Hepatocyte																			2		1	1				
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erosion											1															
Inflammation				2			3		2		3	2	3		2		2		3		2			3		
Mineralization												2					1									
Ulcer				2			3		2			2	1		1		1		1		1					
Epithelium, Dysplasia																			4							
Epithelium, Hyperplasia				2		2	3		3	2	3	3	4		3	1	2	1	4		2	1		3		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Inflammation																	2									

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FISCHER 344 RATS MALE 1.0 G/KG																										
DAY ON TEST	0727	0727	0556	0589	0728	0729	0629	0727	0709	0447	0673	0728	0640	0729	0729	0727	0694	0665	0727	0727	0679	0727	0030	0727	0728	males (cont...)
ANIMAL ID	0015 1	0015 2	0015 3	0015 4	0015 5	0015 6	0015 7	0015 8	0015 9	0016 0	0016 1	0016 2	0016 3	0016 4	0016 5	0016 6	0016 7	0016 8	0016 9	0017 0	0017 1	0017 2	0017 3	0017 4	0017 5	
Epithelium, Necrosis																	3									
Tooth				+			+				+				+				+							
Malformation				1			1				1				1				1							
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Mineralization																										
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	2	4	2	1	3	2	3	2	2	2	2	3	2	3	3	2	2	1	2	2	3	3		3	2	
Inflammation, Suppurative																										
Atrium, Thrombosis																										
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hypertrophy	1																									
Necrosis																										
Zona Fasciculata, Hyperplasia				1		1				1	1	1	1											1	1	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Hyperplasia		2		2			2				3						2					1				
Thrombosis																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	0727	0727	0556	0589	0728	0729	0629	0727	0709	0447	0673	0728	0640	0729	0729	0727	0694	0665	0727	0727	0679	0727	0030	0727	0728	
ANIMAL ID	0015 1	0015 2	0015 3	0015 4	0015 5	0015 6	0015 7	0015 8	0015 9	0016 0	0016 1	0016 2	0016 3	0016 4	0016 5	0016 6	0016 7	0016 8	0016 9	0017 0	0017 1	0017 2	0017 3	0017 4	0017 5	**males (cont...)**
Hyperplasia							1		3			1					2		2							
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Hyperplasia									2		3	1				2										
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia																1		1								
Follicular Cell, Hyperplasia																										
Follicular Cell, Hypertrophy										1																

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																									4	
Duct, Hyperplasia, Atypical									1																	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Inflammation		1		1			2		3	1			3					2						3		
Epithelium, Hyperplasia																									1	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Inflammation									2																	

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1.0 G/KG

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ANIMAL ID	0015 1	0015 2	0015 3	0015 4	0015 5	0015 6	0015 7	0015 8	0015 9	0016 0	0016 1	0016 2	0016 3	0016 4	0016 5	0016 6	0016 7	0016 8	0016 9	0017 0	0017 1	0017 2	0017 3	0017 4	0017 5	**males (cont...)**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst	4																									
Interstitial Cell, Hyperplasia										1			3													
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	2			3		1		3	3		3						4	4	3		4	2				
Necrosis																					2					
Lymph Node								+													+					
Mediastinal, Hyperplasia, Lymphoid																										
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy					2	2	1		3		1															
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Spleen																										
Fibrosis											1															
Hematopoietic Cell Proliferation									1	1									2							
Hyperplasia, Histiocytic																			2							
Pigmentation, Hemosiderin		1	1		1	1	1			1	1	1	2	1	1	1						1		1	1	
Thrombosis								2											3							
Lymphoid Follicle, Atrophy																										
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	3	3	3	3	2	3	3	2	4	3		3	4	3	3	3	4	3	4	3	4	3		3	4	

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FISCHER 344 RATS MALE 1.0 G/KG																									
DAY ON TEST	072 7	072 7	055 6	058 9	072 8	072 9	062 9	072 7	070 9	044 7	067 3	072 8	064 0	072 9	072 9	072 7	069 4	066 5	072 7	072 7	067 9	072 7	003 0	072 7	072 8
ANIMAL ID	001 51	001 52	001 53	001 54	001 55	001 56	001 57	001 58	001 59	001 60	001 61	001 62	001 63	001 64	001 65	001 66	001 67	001 68	001 69	001 70	001 71	001 72	001 73	001 74	001 75
INTEGUMENTARY SYSTEM																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion			3																						
Inflammation																									
MUSCULOSKELETAL SYSTEM																									
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Osteopetrosis																									
Ligament, Mineralization																									
Skeletal Muscle																					+				
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage										2															
Hydrocephalus											1														
Necrosis											2														
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Congestion																							2		
Foreign Body						X																			
Hemorrhage																			1						
Inflammation, Granulomatous						3		1										1							
Inflammation, Chronic Active														1		1	1								

males (cont...)

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DAY ON TEST	0727	0727	0556	0589	0728	0729	0629	0727	0709	0447	0673	0728	0640	0729	0729	0727	0694	0665	0727	0727	0679	0727	0030	0727	0728	
ANIMAL ID	001 51	001 52	001 53	001 54	001 55	001 56	001 57	001 58	001 59	001 60	001 61	001 62	001 63	001 64	001 65	001 66	001 67	001 68	001 69	001 70	001 71	001 72	001 73	001 74	001 75	males (cont...)
Alveolar Epithelium, Hyperplasia		1						1							1		2					1			2	
Alveolar Epithelium, Hypertrophy																								1		
Alveolus, Infiltration Cellular, Histiocyte	1					2													3					1		
Arteriole, Hyperplasia																			1							
Serosa, Inflammation, Acute																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Foreign Body											X															
Inflammation					1	1	1			1	2		1		2				1							
Olfactory Epithelium, Metaplasia			1				1																			
Respiratory Epithelium, Hyperplasia				1											1											
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Anterior Chamber, Inflammation			2																							
Iris, Inflammation											1															
Retina, Degeneration		1						2			2	2		2		1			1			2		3		
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accumulation, Hyaline Droplet									1																	
Hyperplasia, Oncocytic																			1							
Mineralization	1	1	1	1		1		1						1	1	1	1	1	1	1	1	1		1	1	
Nephropathy	3	3	2	4	4	3	4	4	4	2	4	4	3	3	4	2	4	3	4	3	2	3		4	4	
Cortex, Cyst												2														

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	0727	0727	0556	0589	0728	0729	0629	0727	0709	0447	0673	0728	0640	0729	0729	0727	0694	0665	0727	0727	0679	0727	0030	0727	0728	
ANIMAL ID	001 51	001 52	001 53	001 54	001 55	001 56	001 57	001 58	001 59	001 60	001 61	001 62	001 63	001 64	001 65	001 66	001 67	001 68	001 69	001 70	001 71	001 72	001 73	001 74	001 75	**males (cont...)**
Pelvis, Inflammation																										
Pelvis, Transitional Epithelium, Hyperplasia				2			1	1	1		1			1	1		2		1					2		
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation													2													

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	0729	0729	0727	0728	0727	0728	0689	0528	0673	0670	0454	0728	0451	0727	0729	0729	0729	0003	0728	0727	0728	0729	0729	0559	0729	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan																										**2**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis					1																					**1 1.0**
Basophilic Focus		X	X	X		X			X											X						**13**
Clear Cell Focus														X	X					X			X			**11**
Degeneration, Cystic																										**5 1.2**
Eosinophilic Focus	X													X						X					X	**13**
Fatty Change, Diffuse	2								2	2														1		**8 1.5**
Fibrosis																	2									**1 2.0**
Hepatodiaphragmatic Nodule																										**1**
Inflammation, Chronic Active	1	1	1	1	1	1			1		1		1	1		1	4			1	1	1	1		1	**34 1.1**
Necrosis																	3									**1 3.0**
Pigmentation, Hemosiderin																	1									**2 1.0**
Tension Lipidosis																										**1 2.0**

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	0729	0729	0727	0728	0727	0728	0689	0528	0673	0670	0454	0728	0451	0727	0729	0729	0729	0003	0728	0727	0728	0729	0729	0559	0729	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	* TOTALS
Bile Duct, Hyperplasia	1	1	1	1	1		2		1	1		2	1	1			3		1	1	1	1			2	**34 1.4**
Centrilobular, Fatty Change		1	2	2	2	2		1						2		1				1	2		2	2		**21 1.7**
Centrilobular, Necrosis										3																**1 3.0**
Hepatocyte, Hypertrophy		1	1	1	1	1		1	2	1				1		2				2		1			2	**22 1.4**
Oval Cell, Hyperplasia																										**1 1.0**
Mesentery												+												+	+	**6**
Fat, Necrosis												1												1	2	**5 1.6**
Oral Mucosa																										**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy			1	3			1		1					1					2		1			1		**18 1.3**
Inflammation																										**1 2.0**
Acinus, Hyperplasia				2																						**2 2.0**
Acinus, Metaplasia, Hepatocyte												2								1	2					**6 1.5**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Erosion												1					1							1		**4 1.0**
Inflammation	1	2					1		3	2		2				1	1		2			1		2		**22 2.0**
Mineralization							2																			**3 1.7**
Ulcer	1	1					2		3																	**13 1.6**
Epithelium, Dysplasia																										**1 4.0**
Epithelium, Hyperplasia	1	3						1	3	4		3				1	1		4				1	1		**27 2.3**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																							2			**1 2.0**
Inflammation		2								1																**3 1.7**

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	729	729	727	728	727	728	689	528	673	670	454	728	451	727	729	729	729	003	728	727	728	729	729	559	729	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	* TOTALS
Epithelium, Necrosis		2																					2			**3 2.3**
Tooth			+		+	+			+			+									+					**11**
Malformation			1		1	1			1			1									2					**11 1.1**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mineralization																									1	**1 1.0**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	2	1	2	3	2	2	3	2	2	3	2	2	1	2	2	2				3	3	3	3	2	2	**46 2.3**
Inflammation, Suppurative								2																		**1 2.0**
Atrium, Thrombosis							2																			**1 2.0**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hypertrophy				1							1															**3 1.0**
Necrosis																								2		**1 2.0**
Zona Fasciculata, Hyperplasia		1		1						2	1					1										**13 1.1**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																			3							**1 3.0**
Hyperplasia												1		4			1						1			**10 1.9**
Thrombosis																			2							**1 2.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia					4															3	1					**3 2.7**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	0729	0729	0727	0728	0727	0728	0689	0528	0673	0670	0454	0728	0451	0727	0729	0729	0729	0003	0728	0727	0728	0729	0729	0559	0729	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	* TOTALS
Hyperplasia		3			1																		1	2	2	**10 1.8**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Hyperplasia			1					1			1				1								1	1	2	**11 1.5**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia						4			1	1					1							1				**7 1.4**
Follicular Cell, Hyperplasia																					2					**1 2.0**
Follicular Cell, Hypertrophy																										**1 1.0**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation												2										1				**2 1.5**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																								4		**2 4.0**
Duct, Hyperplasia, Atypical																										**1 1.0**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy							2																			**1 2.0**
Inflammation			2						3	3				2			1		1					1	2	**16 1.9**
Epithelium, Hyperplasia															1					1						**3 1.0**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy							2																			**1 2.0**
Inflammation										2																**2 2.0**

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	729	729	727	728	727	728	689	528	673	670	454	728	451	727	729	729	729	003	728	727	728	729	729	559	729	* TOTALS	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0		
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cyst																											**1 4.0**
Interstitial Cell, Hyperplasia											2		4														**4 2.5**
HEMATOPOIETIC SYSTEM																											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia		1		1	1	2	3			2	3	3	2		2	1	3		3	2	2	1	2		3		**29 2.4**
Necrosis																											**1 2.0**
Lymph Node												+					+			+						**5**	
Mediastinal, Hyperplasia, Lymphoid																				2							**1 2.0**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy																											**5 1.8**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Accessory Spleen																			X								**1**
Fibrosis							2																				**2 1.5**
Hematopoietic Cell Proliferation											2		2														**5 1.6**
Hyperplasia, Histiocytic																											**1 2.0**
Pigmentation, Hemosiderin	1	1	1	1		1	1	2	2	1			1	2	1	1			1		1			1	1		**32 1.1**
Thrombosis																											**2 2.5**
Lymphoid Follicle, Atrophy								2																			**1 2.0**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy	3	3	3	3	3	3	4	3	4	4	3	3	3	3	3	3			4	2	3	3	3	4	3		**46 3.2**

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	729	729	727	728	727	728	689	528	673	670	454	728	451	727	729	729	729	003	728	727	728	729	729	559	729	* TOTALS	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0		
INTEGUMENTARY SYSTEM																											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cyst Epithelial Inclusion																										**1**	**3.0**
Inflammation																							2			**1**	**2.0**
MUSCULOSKELETAL SYSTEM																											
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Osteopetrosis																									2	**1**	**2.0**
Ligament, Mineralization											2															**1**	**2.0**
Skeletal Muscle																										**1**	
NERVOUS SYSTEM																											
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hemorrhage																			2							**2**	**2.0**
Hydrocephalus																										**1**	**1.0**
Necrosis																			1							**2**	**1.5**
RESPIRATORY SYSTEM																											
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Congestion																										**1**	**2.0**
Foreign Body																										**1**	
Hemorrhage																										**1**	**1.0**
Inflammation, Granulomatous																										**3**	**1.7**
Inflammation, Chronic Active			1	1					1	1				1			1									**9**	**1.0**

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DAY ON TEST	729	729	727	728	727	728	689	528	673	670	454	728	451	727	729	729	729	003	728	727	728	729	729	559	729	* TOTALS	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0		
Alveolar Epithelium, Hyperplasia	1	1		2							2			1		1				1			1		1	**15**	**1.3**
Alveolar Epithelium, Hypertrophy																										**1**	**1.0**
Alveolus, Infiltration Cellular, Histiocyte							3			1										1		1	1			**9**	**1.6**
Arteriole, Hyperplasia																										**1**	**1.0**
Serosa, Inflammation, Acute								2																		**1**	**2.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Foreign Body																						X				**2**	
Inflammation		2						1	1	2	1						1		2	1		2	1			**18**	**1.3**
Olfactory Epithelium, Metaplasia								2		2												2				**5**	**1.6**
Respiratory Epithelium, Hyperplasia						1															1					**4**	**1.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
SPECIAL SENSES SYSTEM																											
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Anterior Chamber, Inflammation																										**1**	**2.0**
Iris, Inflammation								1																		**2**	**1.0**
Retina, Degeneration		1	2		2					2		1					1			1						**16**	**1.6**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
URINARY SYSTEM																											
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Accumulation, Hyaline Droplet																									1	**2**	**1.0**
Hyperplasia, Oncocytic																										**1**	**1.0**
Mineralization	1	1	1	1	1			1	1	1	1	1	1		1		1			1	1	1	1			**34**	**1.0**
Nephropathy	2	4	3	2	4	4	2	2	4	4	1	4	2	3	1	3	2		4	2	3	3	3	3	4	**48**	**3.1**
Cortex, Cyst																										**1**	**2.0**

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	729	729	727	728	727	728	689	528	673	670	454	728	451	727	729	729	729	003	728	727	728	729	729	559	729	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	*** TOTALS**
Pelvis, Inflammation										1																**1 1.0**
Pelvis, Transitional Epithelium, Hyperplasia		1				1				2		1					1									**15 1.3**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																								3		**2 2.5**

*** END OF MALE DATA ***

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FISCHER 344 RATS FEMALE

0.0 G/KG

DAY ON TEST	705	728	730	729	729	730	729	506	730	730	730	728	621	730	729	705	729	728	729	510	728	009	729	728	
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan																										
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis												2														
Basophilic Focus	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X		X		X	X	
Clear Cell Focus								X					X											X	X	
Eosinophilic Focus			X	X	X	X				X	X	X			X	X		X		X		X		X	X	
Fatty Change, Focal																					1					
Fatty Change, Diffuse							2							2										1		
Hematopoietic Cell Proliferation																										
Hepatodiaphragmatic Nodule																			X							
Inflammation, Chronic Active	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		1		1	1	
Mixed Cell Focus	X	X	X	X			X			X		X		X						X						
Necrosis												2														
Pigmentation, Hemosiderin												2														

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FISCHER 344 RATS FEMALE

0.0 G/KG

DAY ON TEST	0705	0728	0730	0729	0729	0729	0730	0729	0506	0730	0730	0730	0728	0621	0730	0729	0705	0729	0728	0729	0510	0728	0009	0729	0728	
ANIMAL ID	00201	00202	00203	00204	00205	00206	00207	00208	00209	00210	00211	00212	00213	00214	00215	00216	00217	00218	00219	00220	00221	00222	00223	00224	00225	**females (cont...)**
Artery, Necrosis																										
Bile Duct, Hyperplasia			1	1					1	1				1			1									
Hepatocyte, Hypertrophy																			2							
Serosa, Fibrosis																										
Mesentery			+						+					+						+	+			+		
Fat, Necrosis			1						2					2						1	2			1		
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy		1			1			1	1			1			1		1					1			1	
Basophilic Focus					X																					
Acinus, Hyperplasia																										
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia, Atypical																										
Inflammation														1							3	1				
Ulcer																										
Epithelium, Hyperplasia														1							4					
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Epithelium, Necrosis																										
Tooth				+	+								+												+	
Malformation				1	1								1												1	
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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0.0 G/KG

DAY ON TEST	705	728	730	729	729	729	730	729	506	730	730	730	728	621	730	729	705	729	728	729	510	728	009	729	728
ANIMAL ID	0020 1	0020 2	0020 3	0020 4	0020 5	0020 6	0020 7	0020 8	0020 9	0021 0	0021 1	0021 2	0021 3	0021 4	0021 5	0021 6	0021 7	0021 8	0021 9	0022 0	0022 1	0022 2	0022 3	0022 4	0022 5
Inflammation																									
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	1	2	2	1	2	2	1	3		1	2	2	2	2	2	2		3	1	2		2		3	2
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic						2							1												
Hypertrophy															1										
Necrosis					2																				
Zona Fasciculata, Hyperplasia				1	1							1										1		1	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																									
Parathyroid Gland	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Angiectasis																						2			
Pars Distalis, Hyperplasia								2	1		2										1				
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C-cell, Hyperplasia						3		1								1		3		1					3
Follicular Cell, Hyperplasia																			3						

females (cont...)

GENERAL BODY SYSTEM

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FISCHER 344 RATS FEMALE 0.0 G/KG																										females (cont...)
DAY ON TEST	0705	0728	0730	0729	0729	0729	0730	0729	0506	0730	0730	0730	0728	0621	0730	0729	0705	0729	0728	0729	0510	0728	0009	0729	0728	
ANIMAL ID	0020 1	0020 2	0020 3	0020 4	0020 5	0020 6	0020 7	0020 8	0020 9	0021 0	0021 1	0021 2	0021 3	0021 4	0021 5	0021 6	0021 7	0021 8	0021 9	0022 0	0022 1	0022 2	0022 3	0022 4	0022 5	
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation													3													
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst	1	1																	2							
Cyst, Multiple													4													
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Endometrium, Hyperplasia, Cystic													1						1							
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Hyperplasia	2					2	1		4				2			1	2		2	1		2		1		
Myelofibrosis									1								2									
Necrosis																										
Lymph Node																					+					
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Inflammation			3			2																				
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS FEMALE 0.0 G/KG																										
DAY ON TEST	0705	0728	0730	0729	0729	0729	0730	0729	0506	0730	0730	0730	0728	0621	0730	0729	0705	0729	0728	0729	0510	0728	0009	0729	0728	
ANIMAL ID	0020 1	0020 2	0020 3	0020 4	0020 5	0020 6	0020 7	0020 8	0020 9	0021 0	0021 1	0021 2	0021 3	0021 4	0021 5	0021 6	0021 7	0021 8	0021 9	0022 0	0022 1	0022 2	0022 3	0022 4	0022 5	females (cont...)
Hematopoietic Cell Proliferation	1	1					1								1	1				1		1		1	1	
Hyperplasia, Histiocytic	3																									
Pigmentation, Hemosiderin	1	1	1		1	2	2	1		1	2	1		2	1	1	1	2	1	1		1		1	1	
Lymphoid Follicle, Atrophy																										
Lymphoid Follicle, Necrosis																										
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3		3		3	3	
Infiltration Cellular, Plasma Cell																										
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Osteopetrosis																	3									
Skeletal Muscle																						+				
Inflammation																						3				
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS FEMALE

0.0 G/KG

DAY ON TEST	0705	0728	0730	0729	0729	0729	0730	0729	0506	0730	0730	0730	0728	0621	0730	0729	0705	0729	0728	0729	0510	0728	0009	0729	0728	
ANIMAL ID	00201	00202	00203	00204	00205	00206	00207	00208	00209	00210	00211	00212	00213	00214	00215	00216	00217	00218	00219	00220	00221	00222	00223	00224	00225	**females (cont...)**
Atelectasis																							4			
Congestion																										
Inflammation, Chronic Active																				2						
Alveolar Epithelium, Hyperplasia		1		1	1						1						1			1				1		
Alveolar Epithelium, Hypertrophy																										
Alveolar Epithelium, Metaplasia																										
Alveolar Epithelium, Metaplasia, Squamous															2											
Alveolus, Infiltration Cellular, Histiocyte	1										1	1	1			1		1	1					1		
Mediastinum, Foreign Body																										
Mediastinum, Inflammation, Chronic Active																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																									1	
Foreign Body												X														
Inflammation	1											1		1				1	1						1	
Olfactory Epithelium, Metaplasia												1														
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

SPECIAL SENSES SYSTEM

Ear																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cornea, Fibrosis									2																	
Cornea, Inflammation																										
Lens, Cataract				4																						
Retina, Degeneration				4												3										
Retina, Gliosis																										

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FISCHER 344 RATS FEMALE

0.0 G/KG

DAY ON TEST	705	728	730	729	729	729	730	729	506	730	730	730	728	621	730	729	705	729	728	729	510	728	009	729	728	
ANIMAL ID	0020 1	0020 2	0020 3	0020 4	0020 5	0020 6	0020 7	0020 8	0020 9	0021 0	0021 1	0021 2	0021 3	0021 4	0021 5	0021 6	0021 7	0021 8	0021 9	0022 0	0022 1	0022 2	0022 3	0022 4	0022 5	**females (cont...)**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infarct															1											
Mineralization	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		1	1	
Nephropathy	1		1		1		1	1		1	1	1	1		1		1	1		1	1			1	1	
Cortex, Cyst							2							1												
Medulla, Cyst																										
Pelvis, Inflammation																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS FEMALE

0.0 G/KG

DAY ON TEST	0692	0450	0701	0730	0729	0730	0729	0729	0519	0669	0615	0729	0729	0730	0730	0693	0730	0728	0693	0664	0729	0637	0729	0728	0729	
ANIMAL ID	00226	00227	00228	00229	00230	00231	00232	00233	00234	00235	00236	00237	00238	00239	00240	00241	00242	00243	00244	00245	00246	00247	00248	00249	00250	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan					X						X	X														**3**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis																										**1 2.0**
Basophilic Focus		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	**44**
Clear Cell Focus			X	X	X			X						X				X					X	X		**12**
Eosinophilic Focus				X	X	X	X					X	X	X									X		X	**23**
Fatty Change, Focal																										**1 1.0**
Fatty Change, Diffuse		1								1						2			1					1	1	**9 1.3**
Hematopoietic Cell Proliferation											1															**1 1.0**
Hepatodiaphragmatic Nodule						X		X						X					X							**5**
Inflammation, Chronic Active		1	1	1	1	1	1	1		1	1	1	1	1	1	1	1		1	1		1	1	1	1	**43 1.0**
Mixed Cell Focus					X		X	X		X		X												X		**15**
Necrosis	4																									**2 3.0**
Pigmentation, Hemosiderin																										**1 2.0**

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FISCHER 344 RATS FEMALE

0.0 G/KG

DAY ON TEST	692	450	701	730	729	730	729	729	519	669	615	729	729	730	730	693	730	728	693	664	729	637	729	728	729	
ANIMAL ID	0022 6	0022 7	0022 8	0022 9	0023 0	0023 1	0023 2	0023 3	0023 4	0023 5	0023 6	0023 7	0023 8	0023 9	0024 0	0024 1	0024 2	0024 3	0024 4	0024 5	0024 6	0024 7	0024 8	0024 9	0025 0	* TOTALS
Artery, Necrosis																			2							**1 2.0**
Bile Duct, Hyperplasia									1			1					1	1	1						1	**12 1.0**
Hepatocyte, Hypertrophy			1			2										1								2		**5 1.6**
Serosa, Fibrosis																			3							**1 3.0**
Mesentery	+						+		+															+		**10**
Fat, Necrosis	1						2		2															1		**10 1.5**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy		1													1			1							1	**13 1.0**
Basophilic Focus																										**1**
Acinus, Hyperplasia							1																			**1 1.0**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia, Atypical																					4					**1 4.0**
Inflammation		2							3																	**5 2.0**
Ulcer		3																								**1 3.0**
Epithelium, Hyperplasia		2							3							1										**5 2.2**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Epithelium, Necrosis									1																	**1 1.0**
Tooth																									+	**5**
Malformation																									1	**5 1.0**

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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FISCHER 344 RATS FEMALE

0.0 G/KG

DAY ON TEST	0692	0450	0701	0730	0729	0730	0729	0729	0519	0669	0615	0729	0729	0730	0730	0693	0730	0728	0693	0664	0729	0637	0729	0728	0729	
ANIMAL ID	00226	00227	00228	00229	00230	00231	00232	00233	00234	00235	00236	00237	00238	00239	00240	00241	00242	00243	00244	00245	00246	00247	00248	00249	00250	* TOTALS
Inflammation													3													**1 3.0**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	2		1	2	2	2	2	1		1	2	2	1	2	2	2	2	2		2		2	2	2	2	**42 1.9**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Degeneration, Cystic			1																							**3 1.3**
Hypertrophy				4																						**2 2.5**
Necrosis	4																									**2 3.0**
Zona Fasciculata, Hyperplasia														1												**6 1.0**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia		2								1										1						**3 1.3**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia	1																									**1 1.0**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	M	+	+	+	+	M	**44**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Angiectasis																										**1 2.0**
Pars Distalis, Hyperplasia						1	2	2	1					2			3				2					**11 1.7**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia	4				4			1					1			2	1			3	3				1	**15 2.1**
Follicular Cell, Hyperplasia																										**1 3.0**
GENERAL BODY SYSTEM																										

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ANIMAL ID	00226	00227	00228	00229	00230	00231	00232	00233	00234	00235	00236	00237	00238	00239	00240	00241	00242	00243	00244	00245	00246	00247	00248	00249	00250	* TOTALS
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 3.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst															4			4		4				2		**7 2.6**
Cyst, Multiple																										**1 4.0**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Endometrium, Hyperplasia, Cystic	1				1		4																			**5 1.6**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage	3																									**1 3.0**
Hyperplasia		3	4	1			1		3		4	2	2		1	3	2		2	1	3			2		**26 2.1**
Myelofibrosis																										**2 1.5**
Necrosis	3																									**1 3.0**
Lymph Node																										**1**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy																			3							**1 3.0**
Inflammation																										**2 2.5**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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FISCHER 344 RATS FEMALE

0.0 G/KG

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ANIMAL ID	00226	00227	00228	00229	00230	00231	00232	00233	00234	00235	00236	00237	00238	00239	00240	00241	00242	00243	00244	00245	00246	00247	00248	00249	00250	
Hematopoietic Cell Proliferation		2	2		1		1	1			4	1						1		1					1	**19 1.3**
Hyperplasia, Histiocytic																										**1 3.0**
Pigmentation, Hemosiderin	1			1	1	1	1			1		1	1	1	1	2		1		2		2	1	1	1	**37 1.2**
Lymphoid Follicle, Atrophy					2																					**1 2.0**
Lymphoid Follicle, Necrosis	4																									**1 4.0**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	**48 3.0**
Infiltration Cellular, Plasma Cell		2																								**1 2.0**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Osteopetrosis																										**1 3.0**
Skeletal Muscle																										**1**
Inflammation																										**1 3.0**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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0.0 G/KG

DAY ON TEST	692	450	701	730	729	730	729	729	519	669	615	729	729	730	730	693	730	728	693	664	729	637	729	728	729	
ANIMAL ID	0022 6	0022 7	0022 8	0022 9	0023 0	0023 1	0023 2	0023 3	0023 4	0023 5	0023 6	0023 7	0023 8	0023 9	0024 0	0024 1	0024 2	0024 3	0024 4	0024 5	0024 6	0024 7	0024 8	0024 9	0025 0	* TOTALS
Atelectasis																										**1 4.0**
Congestion	2																									**1 2.0**
Inflammation, Chronic Active								1											4					1		**4 2.0**
Alveolar Epithelium, Hyperplasia															2			1			1		1			**11 1.1**
Alveolar Epithelium, Hypertrophy																							1			**1 1.0**
Alveolar Epithelium, Metaplasia																			2							**1 2.0**
Alveolar Epithelium, Metaplasia, Squamous																										**1 2.0**
Alveolus, Infiltration Cellular, Histiocyte						1				1				1			1									**12 1.0**
Mediastinum, Foreign Body		X																								**1**
Mediastinum, Inflammation, Chronic Active		4																								**1 4.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst																										**1 1.0**
Foreign Body																							X			**2**
Inflammation			2																				1			**8 1.1**
Olfactory Epithelium, Metaplasia																										**1 1.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Ear																	+									**1**
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cornea, Fibrosis																										**1 2.0**
Cornea, Inflammation							2																			**1 2.0**
Lens, Cataract																				3						**2 3.5**
Retina, Degeneration						1	1													4						**5 2.6**
Retina, Gliosis												2														**1 2.0**

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BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

FISCHER 344 RATS FEMALE

0.0 G/KG

DAY ON TEST	692	450	701	730	729	730	729	729	519	669	615	729	729	730	730	693	730	728	693	664	729	637	729	728	729	
ANIMAL ID	0022 6	0022 7	0022 8	0022 9	0023 0	0023 1	0023 2	0023 3	0023 4	0023 5	0023 6	0023 7	0023 8	0023 9	0024 0	0024 1	0024 2	0024 3	0024 4	0024 5	0024 6	0024 7	0024 8	0024 9	0025 0	* TOTALS
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Infarct														1												**2 1.0**
Mineralization		1	1			1	1	1	1	1	1	1		1	1	1	1		1	1	1	1	1	1	1	**43 1.0**
Nephropathy				1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1			1	1		**34 1.0**
Cortex, Cyst																										**2 1.5**
Medulla, Cyst		1																								**1 1.0**
Pelvis, Inflammation														2												**1 2.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	0727	0639	0678	0729	0729	0730	0730	0730	0728	0730	0730	0705	0670	0729	0728	0728	0729	0730	0730	0558	0631	0729	0051	0728	0730
ANIMAL ID	00251	00252	00253	00254	00255	00256	00257	00258	00259	00260	00261	00262	00263	00264	00265	00266	00267	00268	00269	00270	00271	00272	00273	00274	00275
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																									1
Inflammation																									2
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parasite Metazoan						X																			
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis									2									1							
Basophilic Focus		X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X		X		X	X
Clear Cell Focus		X					X			X									X			X			
Eosinophilic Focus		X	X	X		X	X		X	X	X			X		X	X	X				X		X	X
Fatty Change, Diffuse	2	1								1				2							1				
Hematopoietic Cell Proliferation															1	1	1								
Hepatodiaphragmatic Nodule		X																						X	
Inflammation, Chronic Active		1	1	1		1	1	1	1		1	1		1		1	1	1	1	1		1	1	1	1
Mixed Cell Focus		X								X						X			X						
Necrosis																									

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females (cont...)

FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	727	639	678	729	729	730	730	730	728	730	730	705	670	729	728	728	729	730	730	558	631	729	051	728	730
ANIMAL ID	0025 1	0025 2	0025 3	0025 4	0025 5	0025 6	0025 7	0025 8	0025 9	0026 0	0026 1	0026 2	0026 3	0026 4	0026 5	0026 6	0026 7	0026 8	0026 9	0027 0	0027 1	0027 2	0027 3	0027 4	0027 5
Bile Duct, Cyst																		1							
Bile Duct, Hyperplasia	3			1					1	1	2	1	2								1				
Centrilobular, Necrosis															3										
Hepatocyte, Hypertrophy										1															
Oval Cell, Hyperplasia	2																								
Serosa, Fibrosis																									
Mesentery						+			+										+	+					
Fat, Necrosis						1			2										2	1					
Oral Mucosa																									+
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy		1							1					1							1			2	
Acinus, Hyperplasia				2																		1			
Acinus, Metaplasia, Hepatocyte																									
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erosion																					1				
Inflammation	2	1												1	3						3				
Ulcer	4																								
Epithelium, Hyperplasia	2	2											1	1	4						4				
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation	2																				2				
Epithelium, Necrosis																					2				
Tooth			+												+										

females (cont...)

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FISCHER 344 RATS FEMALE 0.1 G/KG																									
DAY ON TEST	0727	0639	0678	0729	0729	0730	0730	0730	0728	0730	0730	0705	0670	0729	0728	0728	0729	0730	0730	0558	0631	0729	0051	0728	0730
ANIMAL ID	00251	00252	00253	00254	00255	00256	00257	00258	00259	00260	00261	00262	00263	00264	00265	00266	00267	00268	00269	00270	00271	00272	00273	00274	00275
Malformation			1												1										
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy		1	1	2	2	2	2	3	2	2	1	2	2	2	1	1	2	2	2	2		2		2	2
Atrium, Thrombosis																									
Valve, Thrombosis	2																								
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition																				2					
Degeneration, Cystic				1								1				1	2		1						
Hypertrophy			1																						
Zona Fasciculata, Hyperplasia					1		1		1																
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Necrosis																									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Angiectasis	1																								
Pars Distalis, Hyperplasia		1			4			2			1		2		2			3				3			
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	727	639	678	729	729	730	730	730	728	730	730	705	670	729	728	728	729	730	730	558	631	729	051	728	730	females (cont...)
ANIMAL ID	0025 1	0025 2	0025 3	0025 4	0025 5	0025 6	0025 7	0025 8	0025 9	0026 0	0026 1	0026 2	0026 3	0026 4	0026 5	0026 6	0026 7	0026 8	0026 9	0027 0	0027 1	0027 2	0027 3	0027 4	0027 5	
C-cell, Hyperplasia	2			2	1	2				4	3	3		1		1	1		1					1		
Follicular Cell, Hyperplasia			1																							
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia				3														3								
Inflammation									2																	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																1	4							1		
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion															4											
Hemorrhage										3												2				
Necrosis															3											
Endometrium, Hyperplasia, Cystic															2	1										
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	4	2			3	2		1	1	1			4		3	2		1	1		4					
Myelofibrosis																										
Lymph Node													+								+					
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	

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DAY ON TEST	727	639	678	729	729	730	730	730	728	730	730	705	670	729	728	728	729	730	730	558	631	729	051	728	730	females (cont...)
ANIMAL ID	0025 1	0025 2	0025 3	0025 4	0025 5	0025 6	0025 7	0025 8	0025 9	0026 0	0026 1	0026 2	0026 3	0026 4	0026 5	0026 6	0026 7	0026 8	0026 9	0027 0	0027 1	0027 2	0027 3	0027 4	0027 5	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																	3									
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrosis	2																				1					
Hematopoietic Cell Proliferation		1								1	1	1			2	1	1		1					1		
Pigmentation, Hemosiderin		1	1	1		1	1	1	1	1	1	1					2	1	1	1		1		1	1	
Lymphoid Follicle, Atrophy																										
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	3	3	3	3	3	3		3	3	3	3			3	4	3	3	3	3	3		3		3	3	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Epidermis, Hyperplasia, Basal Cell			2																							
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage			3																							
Necrosis	1												1													
RESPIRATORY SYSTEM																										

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Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atelectasis																									
Inflammation, Chronic Active	2					1																			
Alveolar Epithelium, Hyperplasia		1									1	2	3		1	1						4			
Alveolar Epithelium, Hypertrophy																						2			
Alveolar Epithelium, Metaplasia, Squamous													1												
Alveolus, Infiltration Cellular, Histiocyte				1			1		1						1	1			1	1		1			
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lens, Cataract													4												
Retina, Degeneration													4					2							
Retina, Inflammation																									
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accumulation, Hyaline Droplet																					3				
Glomerulosclerosis																									
Infarct							2							1											
Mineralization	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1		1	
Nephropathy	1	1	1	1	1	1	1	1		1	1			2		1	1		1		1	1			1

females (cont...)

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FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	727	639	678	729	729	730	730	730	728	730	730	705	670	729	728	728	729	730	730	558	631	729	051	728	730	females (cont...)
ANIMAL ID	00251	00252	00253	00254	00255	00256	00257	00258	00259	00260	00261	00262	00263	00264	00265	00266	00267	00268	00269	00270	00271	00272	00273	00274	00275	
Pelvis, Inflammation																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	729	729	728	729	728	729	729	701	688	615	729	605	005	730	632	730	729	705	729	730	728	632	729	730	729	
ANIMAL ID	0027 6	0027 7	0027 8	0027 9	0028 0	0028 1	0028 2	0028 3	0028 4	0028 5	0028 6	0028 7	0028 8	0028 9	0029 0	0029 1	0029 2	0029 3	0029 4	0029 5	0029 6	0029 7	0029 8	0029 9	0030 0	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																										**1 1.0**
Inflammation																										**1 2.0**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan																										**1**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis																										**2 1.5**
Basophilic Focus	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X	X	**42**
Clear Cell Focus		X		X	X	X					X					X					X			X	X	**14**
Eosinophilic Focus		X	X	X	X	X	X			X	X				X	X	X			X	X		X	X	X	**31**
Fatty Change, Diffuse								2				2		1	1										1	**10 1.4**
Hematopoietic Cell Proliferation																										**3 1.0**
Hepatodiaphragmatic Nodule			X				X										X				X					**6**
Inflammation, Chronic Active	1	1	1	1	1	1	1		1	1	1			1	1	1	1	1	1	1	1		1	1	1	**40 1.0**
Mixed Cell Focus			X	X			X										X				X				X	**10**
Necrosis														1												**1 1.0**

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2) Mild 4) Marked

FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	729	729	728	729	728	729	729	701	688	615	729	605	005	730	632	730	729	705	729	730	728	632	729	730	729	
ANIMAL ID	0027 6	0027 7	0027 8	0027 9	0028 0	0028 1	0028 2	0028 3	0028 4	0028 5	0028 6	0028 7	0028 8	0028 9	0029 0	0029 1	0029 2	0029 3	0029 4	0029 5	0029 6	0029 7	0029 8	0029 9	0030 0	* TOTALS
Bile Duct, Cyst																										**1 1.0**
Bile Duct, Hyperplasia				1		1		2	1			2							2		1					**15 1.5**
Centrilobular, Necrosis																										**1 3.0**
Hepatocyte, Hypertrophy														1												**2 1.0**
Oval Cell, Hyperplasia												2														**2 2.0**
Serosa, Fibrosis																	2									**1 2.0**
Mesentery			+			+									+	+	+									**9**
Fat, Necrosis			2			2									3	2	2									**9 1.9**
Oral Mucosa																										**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy			1	1		2									1							3				**10 1.4**
Acinus, Hyperplasia																			1							**3 1.3**
Acinus, Metaplasia, Hepatocyte											1															**1 1.0**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Erosion																										**1 1.0**
Inflammation									1								1									**7 1.7**
Ulcer																										**1 4.0**
Epithelium, Hyperplasia																										**6 2.3**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**2 2.0**
Epithelium, Necrosis																										**1 2.0**
Tooth																			+							**3**

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FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	729	729	728	729	728	729	729	701	688	615	729	605	005	730	632	730	729	705	729	730	728	632	729	730	729	* TOTALS	
ANIMAL ID	0027 6	0027 7	0027 8	0027 9	0028 0	0028 1	0028 2	0028 3	0028 4	0028 5	0028 6	0028 7	0028 8	0028 9	0029 0	0029 1	0029 2	0029 3	0029 4	0029 5	0029 6	0029 7	0029 8	0029 9	0030 0		
Malformation																			2							**3**	**1.3**
CARDIOVASCULAR SYSTEM																											
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cardiomyopathy	1	2	1	3	1	2	2	1	2	2	2			2	2	1	3	1	4	2	2	2	2	2	2	**45**	**1.9**
Atrium, Thrombosis								2																		**1**	**2.0**
Valve, Thrombosis																										**1**	**2.0**
ENDOCRINE SYSTEM																											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Amyloid Deposition																										**1**	**2.0**
Degeneration, Cystic																					1					**6**	**1.2**
Hypertrophy										1										1						**3**	**1.0**
Zona Fasciculata, Hyperplasia						1		1			2															**6**	**1.2**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Necrosis																						4				**1**	**4.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Pars Distalis, Angiectasis																										**1**	**1.0**
Pars Distalis, Hyperplasia		4		3		2		2			1			2				2			2	2	2	2	1	**20**	**2.2**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	

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FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	729	729	728	729	728	729	729	701	688	615	729	605	005	730	632	730	729	705	729	730	728	632	729	730	729	
ANIMAL ID	0027 6	0027 7	0027 8	0027 9	0028 0	0028 1	0028 2	0028 3	0028 4	0028 5	0028 6	0028 7	0028 8	0028 9	0029 0	0029 1	0029 2	0029 3	0029 4	0029 5	0029 6	0029 7	0029 8	0029 9	0030 0	* TOTALS
C-cell, Hyperplasia									3										1			3				**15 1.9**
Follicular Cell, Hyperplasia																										**1 1.0**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Hyperplasia											2															**3 2.7**
Inflammation															2											**2 2.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst	1				1				4								2			1			3			**9 2.0**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Congestion																										**1 4.0**
Hemorrhage																										**2 2.5**
Necrosis																										**1 3.0**
Endometrium, Hyperplasia, Cystic											1						1								1	**5 1.2**

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia				1	1	1		3		3		4			3	1	3	3	2			3	2		2	**27 2.3**
Myelofibrosis								2																		**1 2.0**
Lymph Node												+														**3**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**

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FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	729	729	728	729	728	729	729	701	688	615	729	605	005	730	632	730	729	705	729	730	728	632	729	730	729	
ANIMAL ID	0027 6	0027 7	0027 8	0027 9	0028 0	0028 1	0028 2	0028 3	0028 4	0028 5	0028 6	0028 7	0028 8	0028 9	0029 0	0029 1	0029 2	0029 3	0029 4	0029 5	0029 6	0029 7	0029 8	0029 9	0030 0	* TOTALS
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy																										**1 3.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosis												2														**3 1.7**
Hematopoietic Cell Proliferation		1		1	1					2	1				3		2	1			1					**18 1.3**
Pigmentation, Hemosiderin	1	1	1	1	1	1	1		2	1	1			1		2	1	1	1	1	1		1	1	1	**37 1.1**
Lymphoid Follicle, Atrophy									2																	**1 2.0**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy	3	3	3	3	3	3	3	3	3	3	3			3	3	3	3	2	3	3	3	3	3	3	4	**43 3.0**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Epidermis, Hyperplasia, Basal Cell																										**1 2.0**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage												3														**2 3.0**
Necrosis												3														**3 1.7**
RESPIRATORY SYSTEM																										

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FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	729	729	728	729	728	729	729	701	688	615	729	605	005	730	632	730	729	705	729	730	728	632	729	730	729	
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Atelectasis													4													1 4.0
Inflammation, Chronic Active		1	1									1														5 1.2
Alveolar Epithelium, Hyperplasia	1	1												1	1			1	3				1			14 1.6
Alveolar Epithelium, Hypertrophy																										1 2.0
Alveolar Epithelium, Metaplasia, Squamous		3					1																			3 1.7
Alveolus, Infiltration Cellular, Histiocyte		1						1		1				1				1	1				1	1	1	17 1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation							1								1											2 1.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lens, Cataract											2					3										3 3.0
Retina, Degeneration											3	2				4										5 3.0
Retina, Inflammation												1														1 1.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Accumulation, Hyaline Droplet																						3				2 3.0
Glomerulosclerosis																						1				1 1.0
Infarct																				2						3 1.7
Mineralization	1	1	1	1		1	1	1	1		1	1		1	1	1	1	1	1	1	1	1	1	1	1	43 1.0
Nephropathy		1	1	1	1	1	1		1	1	1	1		1		1	1			1	1	1		1	1	35 1.0

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FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	729	729	728	729	728	729	729	701	688	615	729	605	005	730	632	730	729	705	729	730	728	632	729	730	729	
ANIMAL ID	0027 6	0027 7	0027 8	0027 9	0028 0	0028 1	0028 2	0028 3	0028 4	0028 5	0028 6	0028 7	0028 8	0028 9	0029 0	0029 1	0029 2	0029 3	0029 4	0029 5	0029 6	0029 7	0029 8	0029 9	0030 0	*** TOTALS**
Pelvis, Inflammation																				1						**1 1.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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FISCHER 344 RATS FEMALE

0.3 G/KG

DAY ON TEST	0705	0730	0098	0628	0532	0519	0615	0618	0729	0681	0729	0729	0729	0539	0439	0652	0688	0728	0729	0729	0729	0730	0518	0730	0730	
ANIMAL ID	0030 1	0030 2	0030 3	0030 4	0030 5	0030 6	0030 7	0030 8	0030 9	0031 0	0031 1	0031 2	0031 3	0031 4	0031 5	0031 6	0031 7	0031 8	0031 9	0032 0	0032 1	0032 2	0032 3	0032 4	0032 5	**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation														3												
Perforation														4												
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Necrosis																										
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan			X				X				X			X							X					
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus	X	X		X	X	X	X	X	X	X	X		X	X		X	X		X	X	X	X		X	X	
Clear Cell Focus									X			X	X								X	X		X		
Eosinophilic Focus					X		X		X		X	X	X				X		X	X	X	X		X		
Fatty Change, Diffuse					1		1					1						2								
Hepatodiaphragmatic Nodule																										
Inflammation, Chronic Active	1	1	1	1	1	1	1	2	1		1		1	1		1	1	1	1	1	1	1			1	
Mixed Cell Focus					X							X	X				X									
Pigmentation, Hemosiderin								1																		

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FISCHER 344 RATS FEMALE

0.3 G/KG

DAY ON TEST	705	730	098	628	532	519	615	618	729	681	729	729	729	539	439	652	688	728	729	729	729	730	518	730	730	females (cont...)
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	
Bile Duct, Hyperplasia	3											1					1					1			1	
Hepatocyte, Hypertrophy																										
Oval Cell, Hyperplasia	1																									
Mesentery					+																					
Fat, Necrosis					2																					
Oral Mucosa	+																									
Hyperplasia, Squamous																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy		1				2		4	1		1							1		1		1		1		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erosion																1	1									
Inflammation	2																2	3								
Ulcer																		2								
Epithelium, Hyperplasia	2												1				2	2								
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Amyloid Deposition																2										
Epithelium, Hyperplasia																										
Tooth	+																									
Malformation	1																									

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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FISCHER 344 RATS FEMALE

0.3 G/KG

DAY ON TEST	0705	0730	0098	0628	0532	0519	0615	0618	0729	0681	0729	0729	0729	0539	0439	0652	0688	0728	0729	0729	0729	0730	0518	0730	0730
ANIMAL ID	00301	00302	00303	00304	00305	00306	00307	00308	00309	00310	00311	00312	00313	00314	00315	00316	00317	00318	00319	00320	00321	00322	00323	00324	00325
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	2	2		1	2	2	2	3	2	2	2	2	2	1		3	2	2	2	2	2	1	2	2	1
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																		2				1			1
Hypertrophy																									
Metaplasia, Osseous																									
Necrosis																									
Zona Fasciculata, Hyperplasia																									
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	2																								
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst														1											
Pars Distalis, Angiectasis																					2				
Pars Distalis, Hyperplasia										1	2			1	3	2		1				2			
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C-cell, Hyperplasia		2																							
Follicular Cell, Hyperplasia																					2				
GENERAL BODY SYSTEM																									

females (cont...)

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FISCHER 344 RATS FEMALE

0.3 G/KG

DAY ON TEST	0705	0730	0098	0628	0532	0519	0615	0618	0729	0681	0729	0729	0729	0539	0439	0652	0688	0728	0729	0729	0729	0730	0518	0730	0730	
ANIMAL ID	0030 1	0030 2	0030 3	0030 4	0030 5	0030 6	0030 7	0030 8	0030 9	0031 0	0031 1	0031 2	0031 3	0031 4	0031 5	0031 6	0031 7	0031 8	0031 9	0032 0	0032 1	0032 2	0032 3	0032 4	0032 5	**females (cont...)**
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia										2									1					2		
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst								4			1		4					3								
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Endometrium, Hyperplasia, Adenomatous																					2					
Endometrium, Hyperplasia, Cystic															4				1							
Stroma, Hyperplasia																					3					
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	4						2					1	1					3		1	3		3			
Inflammation, Histiocytic								2																		
Myelofibrosis																										
Lymph Node	+																						+			
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Spleen																										

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FISCHER 344 RATS FEMALE 0.3 G/KG																										
DAY ON TEST	0705	0730	0098	0628	0532	0519	0615	0618	0729	0681	0729	0729	0729	0539	0439	0652	0688	0728	0729	0729	0729	0730	0518	0730	0730	
ANIMAL ID	00301	00302	00303	00304	00305	00306	00307	00308	00309	00310	00311	00312	00313	00314	00315	00316	00317	00318	00319	00320	00321	00322	00323	00324	00325	**females (cont...)**
Hematopoietic Cell Proliferation		1		1			1	1	1		1	1	1	1						1		1				
Hyperplasia, Histiocytic								3																		
Pigmentation, Hemosiderin		1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	2		1	1		1		2	1	
Lymphoid Follicle, Atrophy															2		2									
Thymus	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	3	3		3	3	3	3	4	3	3	3		3	3	4	3	3	4	3	3	3	3	2	3	3	
Inflammation														2												
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Galactocele																										
Hyperplasia																				3						
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Epidermis, Hyperkeratosis									2																	
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle																		+								
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Infiltration Cellular, Mixed Cell																										
Necrosis		2																								

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FISCHER 344 RATS FEMALE

0.3 G/KG

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ANIMAL ID	0030 1	0030 2	0030 3	0030 4	0030 5	0030 6	0030 7	0030 8	0030 9	0031 0	0031 1	0031 2	0031 3	0031 4	0031 5	0031 6	0031 7	0031 8	0031 9	0032 0	0032 1	0032 2	0032 3	0032 4	0032 5	**females (cont...)**
Peripheral Nerve																										
Spinal Cord																										
Hemorrhage																										
Necrosis																										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active																	1									
Alveolar Epithelium, Hyperplasia									2				2					1						1	4	
Alveolus, Infiltration Cellular, Histiocyte	1			1						1	1		1						1						1	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation				1										3				3			1					
Glands, Dilatation																		3								
Olfactory Epithelium, Metaplasia																		3								
Respiratory Epithelium, Hyperplasia										2																
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Peritracheal Tissue, Inflammation														3												
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Synechia	4																									
Cornea, Inflammation	2				4																					
Lens, Cataract																4										
Retina, Degeneration	3															4						2				
Retina, Dysplasia																										

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FISCHER 344 RATS FEMALE

0.3 G/KG

DAY ON TEST	705	730	098	628	532	519	615	618	729	681	729	729	539	439	652	688	728	729	729	729	730	518	730	730	
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	females (cont...)
Retina, Gliosis																										
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accumulation, Hyaline Droplet																		2								
Infarct																							3			
Mineralization	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1		1	1	1	
Nephropathy		1			1	1	1	1	1	1	1	1		1			1		1	1	1		1		1	
Papilla, Necrosis																										
Pelvis, Inflammation												1														
Pelvis, Transitional Epithelium, Hyperplasia												1														
Pelvis, Transitional Epithelium, Metaplasia																										
Renal Tubule, Dilatation																										
Renal Tubule, Necrosis															3											
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS FEMALE

0.3 G/KG

DAY ON TEST	730	629	729	705	672	729	729	728	579	729	653	730	664	532	658	730	632	728	729	647	729	730	639	708	702	
ANIMAL ID	0032 6	0032 7	0032 8	0032 9	0033 0	0033 1	0033 2	0033 3	0033 4	0033 5	0033 6	0033 7	0033 8	0033 9	0034 0	0034 1	0034 2	0034 3	0034 4	0034 5	0034 6	0034 7	0034 8	0034 9	0035 0	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 3.0**
Perforation																										**1 4.0**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation					4																					**1 4.0**
Necrosis					4																					**1 4.0**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan														X		X								X		**8**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Basophilic Focus	X		X			X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	**41**
Clear Cell Focus			X					X		X									X		X					**11**
Eosinophilic Focus			X			X	X			X	X	X			X	X			X	X	X				X	**24**
Fatty Change, Diffuse			1	3	3						1					1							1			**10 1.5**
Hepatodiaphragmatic Nodule											X															**1**
Inflammation, Chronic Active	1		1			1	1	1	1	1	1	1	1			1		1	1	1	1	1		1	1	**38 1.0**
Mixed Cell Focus	X										X										X		X		X	**9**
Pigmentation, Hemosiderin																										**1 1.0**

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Bile Duct, Hyperplasia				2			1				1						1				1					**10**	**1.3**
Hepatocyte, Hypertrophy																1						1		2		**3**	**1.3**
Oval Cell, Hyperplasia				1																						**2**	**1.0**
Mesentery	+							+	+									+				+	+			**7**	
Fat, Necrosis	2							2	2									2				1	2			**7**	**1.9**
Oral Mucosa										+																**2**	
Hyperplasia, Squamous										4																**1**	**4.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy	2				1									1		1	1				1			1		**16**	**1.3**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Erosion																										**2**	**1.0**
Inflammation					2				3								1						2			**7**	**2.1**
Ulcer					2				3																	**3**	**2.3**
Epithelium, Hyperplasia					2				3								1						1			**8**	**1.8**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Amyloid Deposition																										**1**	**2.0**
Epithelium, Hyperplasia																					3					**1**	**3.0**
Tooth		+			+													+								**4**	
Malformation		1			1													1								**4**	**1.0**
CARDIOVASCULAR SYSTEM																											
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	

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FISCHER 344 RATS FEMALE

0.3 G/KG

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ANIMAL ID	0032 6	0032 7	0032 8	0032 9	0033 0	0033 1	0033 2	0033 3	0033 4	0033 5	0033 6	0033 7	0033 8	0033 9	0034 0	0034 1	0034 2	0034 3	0034 4	0034 5	0034 6	0034 7	0034 8	0034 9	0035 0		
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cardiomyopathy	1		1		2	3	2	2	2	1	2	2	2		2	2	2	2	2	2	2	2	2	2	2		**45 1.9**
ENDOCRINE SYSTEM																											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Degeneration, Cystic					4															1				1	1		**7 1.6**
Hypertrophy										2																	**1 2.0**
Metaplasia, Osseous																									2		**1 2.0**
Necrosis																							1				**1 1.0**
Zona Fasciculata, Hyperplasia						1		1				2											1				**4 1.3**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia																					1						**1 1.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia					1			1																			**3 1.3**
Parathyroid Gland	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**44**	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cyst																											**1 1.0**
Pars Distalis, Angiectasis																											**1 2.0**
Pars Distalis, Hyperplasia	3	2	2			3	2							4		4			3			2					**16 2.3**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
C-cell, Hyperplasia		3				3	2										3					1					**6 2.3**
Follicular Cell, Hyperplasia					1							4									3						**4 2.5**

GENERAL BODY SYSTEM

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0.3 G/KG

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NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia												2									3					**5 2.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst						1											1									**6 2.3**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Endometrium, Hyperplasia, Adenomatous																										**1 2.0**
Endometrium, Hyperplasia, Cystic																		1		4	1				1	**6 2.0**
Stroma, Hyperplasia																										**1 3.0**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia	2	4		3	1			1					1				4		1	2			2	2		**19 2.2**
Inflammation, Histiocytic																										**1 2.0**
Myelofibrosis				2																						**1 2.0**
Lymph Node		+																								**3**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy					3																					**1 3.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Accessory Spleen		X																								**1**

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FISCHER 344 RATS FEMALE

0.3 G/KG

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Hematopoietic Cell Proliferation						1							2	1						1				2	1	**17 1.1**
Hyperplasia, Histiocytic																										**1 3.0**
Pigmentation, Hemosiderin			1	1	1	1	1	1	2	1	1	1	1	1	1	1		1		1	1		2	1	1	**41 1.1**
Lymphoid Follicle, Atrophy					4						1															**4 2.3**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Atrophy	3		3	3	4	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	2	3	3	**47 3.1**
Inflammation																										**1 2.0**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Galactocele					4																					**1 4.0**
Hyperplasia																							3			**2 3.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Epidermis, Hyperkeratosis																										**1 2.0**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skeletal Muscle																										**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage		1							1																	**2 1.0**
Infiltration Cellular, Mixed Cell																					1					**1 1.0**
Necrosis		2																								**2 2.0**

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1) Minimal 3) Moderate
2) Mild 4) Marked

FISCHER 344 RATS FEMALE

0.3 G/KG

DAY ON TEST	730	629	729	705	672	729	729	728	579	729	653	730	664	532	658	730	632	728	729	647	729	730	639	708	702	
ANIMAL ID	0032 6	0032 7	0032 8	0032 9	0033 0	0033 1	0033 2	0033 3	0033 4	0033 5	0033 6	0033 7	0033 8	0033 9	0034 0	0034 1	0034 2	0034 3	0034 4	0034 5	0034 6	0034 7	0034 8	0034 9	0035 0	* TOTALS
Peripheral Nerve		+																								**1**
Spinal Cord		+																								**1**
Hemorrhage		3																								**1 3.0**
Necrosis		2																								**1 2.0**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation, Chronic Active																					1					**2 1.0**
Alveolar Epithelium, Hyperplasia							1																			**6 1.8**
Alveolus, Infiltration Cellular, Histiocyte	1				2			1				1					1									**12 1.1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation								2							1			1	2	1						**9 1.7**
Glands, Dilatation																										**1 3.0**
Olfactory Epithelium, Metaplasia																										**1 3.0**
Respiratory Epithelium, Hyperplasia																										**1 2.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Peritracheal Tissue, Inflammation																										**1 3.0**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Synechia																										**1 4.0**
Cornea, Inflammation																										**2 3.0**
Lens, Cataract																										**1 4.0**
Retina, Degeneration				1														2								**5 2.4**
Retina, Dysplasia		2																								**1 2.0**

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FISCHER 344 RATS FEMALE

0.3 G/KG

DAY ON TEST	730	629	729	705	672	729	729	728	579	729	653	730	664	532	658	730	632	728	729	647	729	730	639	708	702	* TOTALS	
ANIMAL ID	0032 6	0032 7	0032 8	0032 9	0033 0	0033 1	0033 2	0033 3	0033 4	0033 5	0033 6	0033 7	0033 8	0033 9	0034 0	0034 1	0034 2	0034 3	0034 4	0034 5	0034 6	0034 7	0034 8	0034 9	0035 0		
Retina, Gliosis						2												2						2		**3**	**2.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
URINARY SYSTEM																											
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Accumulation, Hyaline Droplet																										**1**	**2.0**
Infarct	2												1									2				**4**	**2.0**
Mineralization	1		1	1	2	1	1		1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	**45**	**1.0**
Nephropathy	1	1	1		3	1	1	1	1		1	1	1		1	1	1	1	1	1	1	1	2		1	**37**	**1.1**
Papilla, Necrosis													1													**1**	**1.0**
Pelvis, Inflammation	2												2			1					1					**5**	**1.4**
Pelvis, Transitional Epithelium, Hyperplasia	2												2								1					**4**	**1.5**
Pelvis, Transitional Epithelium, Metaplasia	2																									**1**	**2.0**
Renal Tubule, Dilatation	2																									**1**	**2.0**
Renal Tubule, Necrosis																										**1**	**3.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	

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FISCHER 344 RATS FEMALE

1.0 G/KG

DAY ON TEST	730	728	688	730	730	489	730	730	728	728	730	730	729	111	730	629	616	730	688	730	729	730	730	728	687	
ANIMAL ID	0035 1	0035 2	0035 3	0035 4	0035 5	0035 6	0035 7	0035 8	0035 9	0036 0	0036 1	0036 2	0036 3	0036 4	0036 5	0036 6	0036 7	0036 8	0036 9	0037 0	0037 1	0037 2	0037 3	0037 4	0037 5	**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan						X									X									X		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis		1						1														2				
Basophilic Focus			X		X										X			X		X					X	
Clear Cell Focus	X							X				X														
Degeneration, Cystic																			1							
Eosinophilic Focus	X	X		X	X				X		X	X			X			X				X	X	X		
Fatty Change, Diffuse	2	1								1		1							1		1			1		
Hepatodiaphragmatic Nodule																										
Inflammation, Chronic Active	1	1		1	1	1	1	1	1	1	1	1	1		1	1	1				1		1	1	1	
Mixed Cell Focus		X																								
Pigmentation, Hemosiderin																										
Bile Duct, Hyperplasia																						1				
Centrilobular, Fatty Change																										

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FISCHER 344 RATS FEMALE

1.0 G/KG

DAY ON TEST	0730	0728	0688	0730	0730	0489	0730	0730	0728	0728	0730	0730	0729	0111	0730	0629	0616	0730	0688	0730	0729	0730	0730	0728	0687	
ANIMAL ID	00351	00352	00353	00354	00355	00356	00357	00358	00359	00360	00361	00362	00363	00364	00365	00366	00367	00368	00369	00370	00371	00372	00373	00374	00375	**females (cont...)**
Centrilobular, Necrosis																										
Hepatocyte, Hypertrophy	2	1	3	2	3		2	2	1	2	2	2	2		2			2		2	1		1	1		
Mesentery		+														+	+						+			
Fat, Necrosis		3														2	2						1			
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy				2		3	1	1		1	3				1				1			1		3		
Inflammation												1														
Acinus, Metaplasia, Hepatocyte			2															1			1				1	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation												1		1							2	2				
Ulcer																					1	2				
Epithelium, Hyperplasia		1						1				1		2							3	3		1	2	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Tooth																										
Malformation																										
Peridontal Tissue, Inflammation																										

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	1	2	1	2	1	1	2	2	2	1	1	2	2		2	2	2	2	1	2	2	1	1	1	2	

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FISCHER 344 RATS FEMALE

1.0 G/KG

DAY ON TEST	0730	0728	0688	0730	0730	0489	0730	0730	0728	0728	0730	0730	0729	0111	0730	0629	0616	0730	0688	0730	0729	0730	0730	0728	0687	
ANIMAL ID	00351	00352	00353	00354	00355	00356	00357	00358	00359	00360	00361	00362	00363	00364	00365	00366	00367	00368	00369	00370	00371	00372	00373	00374	00375	**females (cont...)**
Atrium, Thrombosis																			2							
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration, Cystic												1				2								1		
Hemorrhage																4										
Hypertrophy																			1							
Necrosis																2										
Zona Fasciculata, Hyperplasia				1				1	2		1															
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																			1							
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia								1																		
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Angiectasis									3																	
Pars Distalis, Hyperplasia		2	4	2		1	1	1			1					4				4			2			
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia	1																									
Follicle, Cyst																										
Follicular Cell, Hyperplasia			1				1																2			

GENERAL BODY SYSTEM

NONE

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FISCHER 344 RATS FEMALE

1.0 G/KG

DAY ON TEST	0730	0728	0688	0730	0730	0489	0730	0730	0728	0728	0730	0730	0729	0111	0730	0629	0616	0730	0688	0730	0729	0730	0730	0728	0687	
ANIMAL ID	00351	00352	00353	00354	00355	00356	00357	00358	00359	00360	00361	00362	00363	00364	00365	00366	00367	00368	00369	00370	00371	00372	00373	00374	00375	**females (cont...)**
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst											2														1	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage					3																					
Endometrium, Hyperplasia, Cystic					2							1						1							2	
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia			3	2									2		1	1		1	3	1	1	2			1	
Myelofibrosis																										
Lymph Node									+																	
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrosis																										
Hematopoietic Cell Proliferation									1				1				1									
Pigmentation, Hemosiderin	2	1			1	1	2		2	1	2	2	1	1	1	2	1	1	1	2	1		2	2	2	
Lymphoid Follicle, Atrophy																										
Thymus	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	0730	0728	0688	0730	0730	0489	0730	0730	0728	0728	0730	0730	0729	0111	0730	0629	0616	0730	0688	0730	0729	0730	0730	0728	0687	
FISCHER 344 RATS FEMALE 1.0 G/KG ANIMAL ID	0035 1	0035 2	0035 3	0035 4	0035 5	0035 6	0035 7	0035 8	0035 9	0036 0	0036 1	0036 2	0036 3	0036 4	0036 5	0036 6	0036 7	0036 8	0036 9	0037 0	0037 1	0037 2	0037 3	0037 4	0037 5	**females (cont...)**
Atrophy	2	3	3	3		2	3	3	3	3	2	4	3		3	3	3	3	3	3	3	3	3	3	2	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion														2												
Hemorrhage																										
Inflammation, Chronic Active										1		1			1									1		
Alveolar Epithelium, Hyperplasia	1		1					1					1		4											
Alveolus, Infiltration Cellular, Histiocyte	1	1		1		1		1	1		1				1					1						
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	1			2		1		1							1											
Pleura									+																	
Mesothelium, Hyperplasia									2																	

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DAY ON TEST	0730	0728	0688	0730	0730	0489	0730	0730	0728	0728	0730	0730	0729	0111	0730	0629	0616	0730	0688	0730	0729	0730	0730	0728	0687
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Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Ear				+																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cornea, Fibrosis																									
Cornea, Inflammation									2																
Lens, Cataract		1																		4					
Posterior Chamber, Inflammation																				1					
Retina, Degeneration		2							1						1				2	4	2				
Retina, Gliosis																					2				
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland																									
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accumulation, Hyaline Droplet									3																
Infarct											2														
Mineralization	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1		1	1	1
Nephropathy	3	1	1	1	1	1	1	1	1	1	1	2	1		1	1		1	2	1	3	2	1	1	1
Papilla, Necrosis																									
Pelvis, Inflammation											2		2											1	
Pelvis, Transitional Epithelium, Hyperplasia											1		1											1	
Renal Tubule, Necrosis																									

females (cont...)

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1.0 G/KG

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ANIMAL ID	0035 1	0035 2	0035 3	0035 4	0035 5	0035 6	0035 7	0035 8	0035 9	0036 0	0036 1	0036 2	0036 3	0036 4	0036 5	0036 6	0036 7	0036 8	0036 9	0037 0	0037 1	0037 2	0037 3	0037 4	0037 5	**females (cont...)**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS FEMALE

1.0 G/KG

DAY ON TEST	072	073	072	073	066	073	072	026	069	072	072	019	014	073	073	073	072	072	038	072	072	073	073	039	055	
ANIMAL ID	0037 6	0037 7	0037 8	0037 9	0038 0	0038 1	0038 2	0038 3	0038 4	0038 5	0038 6	0038 7	0038 8	0038 9	0039 0	0039 1	0039 2	0039 3	0039 4	0039 5	0039 6	0039 7	0039 8	0039 9	0040 0	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan	X																X	X								**6**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis																										**3 1.3**
Basophilic Focus					X	X			X	X				X												**11**
Clear Cell Focus	X	X					X													X		X				**8**
Degeneration, Cystic																										**1 1.0**
Eosinophilic Focus		X		X			X							X	X	X		X		X	X	X	X			**23**
Fatty Change, Diffuse	1									1	1							1								**11 1.1**
Hepatodiaphragmatic Nodule		X					X																			**2**
Inflammation, Chronic Active	1	1		1		1	1		1	1		1		1	1			1		1	1	1	1	1		**35 1.0**
Mixed Cell Focus							X											X								**3**
Pigmentation, Hemosiderin					2																					**1 2.0**
Bile Duct, Hyperplasia			1		1	1	1										1	1	1	1					2	**10 1.1**
Centrilobular, Fatty Change																2				2						**2 2.0**

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FISCHER 344 RATS FEMALE

1.0 G/KG

DAY ON TEST	0728	0730	0729	0730	0664	0730	0729	0265	0694	0729	0728	0194	0140	0730	0730	0730	0721	0728	0380	0729	0729	0730	0730	0399	0559	
ANIMAL ID	00376	00377	00378	00379	00380	00381	00382	00383	00384	00385	00386	00387	00388	00389	00390	00391	00392	00393	00394	00395	00396	00397	00398	00399	00400	* TOTALS
Centrilobular, Necrosis									2																	**1 2.0**
Hepatocyte, Hypertrophy	2	2		2			1		1	2	2			2	3	2		1		1	2	2	2			**33 1.8**
Mesentery	+			+					+													+	+			**9**
Fat, Necrosis	2			1					1													1	2			**9 1.7**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy		1									1					1		1			1	1			1	**17 1.4**
Inflammation																										**1 1.0**
Acinus, Metaplasia, Hepatocyte																										**4 1.3**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy										2																**1 2.0**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation			1		3		2			3	2	1	2			1				2						**13 1.8**
Ulcer					3		1			3	2		4													**7 2.3**
Epithelium, Hyperplasia					3	2	2			3	2	3			2	1				2	1		2			**19 1.9**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Tooth											+			+												**2**
Malformation											1			3												**2 2.0**
Peridontal Tissue, Inflammation														3												**1 3.0**

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	1	2	2	2	2	2	2	1	2	3	2	1		2	2	2	1	2		3	1	2	2	1	2	**47 1.7**

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FISCHER 344 RATS FEMALE

1.0 G/KG

DAY ON TEST	0728	0730	0729	0730	0664	0730	0729	0265	0694	0729	0728	0194	0140	0730	0730	0730	0721	0728	0380	0729	0729	0730	0730	0399	0559	
ANIMAL ID	00376	00377	00378	00379	00380	00381	00382	00383	00384	00385	00386	00387	00388	00389	00390	00391	00392	00393	00394	00395	00396	00397	00398	00399	00400	* TOTALS
Atrium, Thrombosis																										**1 2.0**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Degeneration, Cystic						1											1						1			**6 1.2**
Hemorrhage																										**1 4.0**
Hypertrophy						1																1				**3 1.0**
Necrosis																			2							**2 2.0**
Zona Fasciculata, Hyperplasia				1		1				1							1					1				**9 1.1**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																										**1 1.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																										**1 1.0**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	**47**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Angiectasis		2																								**2 2.5**
Pars Distalis, Hyperplasia			2	2		4			2	3	1			1			1	2		1		1	1	2		**23 2.0**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia	2										1										1					**4 1.3**
Follicle, Cyst									1									2								**2 1.5**
Follicular Cell, Hyperplasia															4											**4 2.0**

GENERAL BODY SYSTEM

NONE

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FISCHER 344 RATS FEMALE

1.0 G/KG

DAY ON TEST	072	073	072	073	066	073	072	026	069	072	072	019	014	073	073	073	072	072	038	072	072	073	073	039	055	
ANIMAL ID	0037 6	0037 7	0037 8	0037 9	0038 0	0038 1	0038 2	0038 3	0038 4	0038 5	0038 6	0038 7	0038 8	0038 9	0039 0	0039 1	0039 2	0039 3	0039 4	0039 5	0039 6	0039 7	0039 8	0039 9	0040 0	* TOTALS
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	**49**
Hyperplasia															1											**1 1.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst					1						1				3											**5 1.6**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																										**1 3.0**
Endometrium, Hyperplasia, Cystic			1	1										1		3				2			1			**10 1.5**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia			4		3	2			2	1				1		1	4		2		3	1			3	**23 2.0**
Myelofibrosis																									1	**1 1.0**
Lymph Node			+																							**2**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosis					2												3									**2 2.5**
Hematopoietic Cell Proliferation	1								3							1						1				**7 1.3**
Pigmentation, Hemosiderin	1	2		1	1		2	1	1	1	1	1	1	1		1	1	1		1	1	1	1	2	1	**42 1.3**
Lymphoid Follicle, Atrophy													2											2		**2 2.0**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**48**

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1.0 G/KG

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Atrophy	2	3	3	3	3	3	4			3	3	2	1	3	3	3	3	3	3	3	3	3	3		4	**45 2.9**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Congestion																										**1 2.0**
Hemorrhage								1																		**1 1.0**
Inflammation, Chronic Active					1	1																1				**7 1.0**
Alveolar Epithelium, Hyperplasia											2										1					**7 1.6**
Alveolus, Infiltration Cellular, Histiocyte	1	1					1								1		1			1	1					**16 1.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation		2								1													1			**8 1.3**
Pleura																										**1**
Mesothelium, Hyperplasia																										**1 2.0**

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1.0 G/KG

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Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
SPECIAL SENSES SYSTEM																										
Ear																										1
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cornea, Fibrosis																						2				1 2.0
Cornea, Inflammation																							2			2 2.0
Lens, Cataract																						1				3 2.0
Posterior Chamber, Inflammation																										1 1.0
Retina, Degeneration			1				1		1							1						3	1			12 1.7
Retina, Gliosis																										1 2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Zymbal's Gland																					+					1
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Accumulation, Hyaline Droplet																										1 3.0
Infarct		2													2											3 2.0
Mineralization	1	1	1	1	1	1	1	1	1	1	1		2	1	1	1	1	1	1	1	1	1	1	2		46 1.0
Nephropathy	1	1	1	1	1	1	1		1	1	1	1		1	1	1		1		1	1	1	1		1	43 1.2
Papilla, Necrosis				1																						1 1.0
Pelvis, Inflammation															2											4 1.8
Pelvis, Transitional Epithelium, Hyperplasia		1													2		1									6 1.2
Renal Tubule, Necrosis													2											2		2 2.0

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DAY ON TEST	728	730	729	730	664	730	729	265	694	729	728	194	140	730	730	730	721	728	380	729	729	730	730	399	559	
ANIMAL ID	0037 6	0037 7	0037 8	0037 9	0038 0	0038 1	0038 2	0038 3	0038 4	0038 5	0038 6	0038 7	0038 8	0038 9	0039 0	0039 1	0039 2	0039 3	0039 4	0039 5	0039 6	0039 7	0039 8	0039 9	0040 0	*** TOTALS**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

*** END OF REPORT ***

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