C Number:	C93020D
Lock Date:	03/14/2003
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	07/27/2004

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Focal, Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	
Note: Hepatocellular adenoma is on slide 6.			
[Clear Cell Focus TGLS = UTGL]			
[Clear Cell Focus TGLS = 1-21, 2-22]			
* Preputial Gland		Inflammation	Chronic, Moderate
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
* Parathyroid Gland		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 5-12]			
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Necrosis	Focal, Moderate
[Clear Cell Focus TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 2-6]			
[Infiltration Cellular TGLS = 3-6]			
[Necrosis TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Seminal Vesicle		Adenoma	
* Urinary Bladder		Hemangioma	
[Hemangioma TGLS = 4-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Eye		Inflammation	Mild
* Harderian Gland		Adenoma	
		Carcinoma	
Note: Carcinomatous area is within adenoma of Harderian gland.			
[Adenoma TGLS = 2-12]			
[Carcinoma TGLS = 2-12]			
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Necrosis	Focal, Mild
[Clear Cell Focus TGLS = 4-22]			
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 4-12]			
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 1-21, 2-22]			
Tooth		Malformation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Duodenum	Adenoma	
[Adenoma TGLS = 2-22]		
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adren Medulla			
Note: One adrenal medulla is missing.			
* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 12-26]			
* Kidney		Nephropathy	Minimal
* Liver		Fibrosis	Focal, Mild
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Polymorphnuclr, Marked
		Lymphoma Malignant	
	Hepatocyte	Necrosis	Focal, Mild
[Lymphoma Malignant TGLS = 9-6,UTGLa,b,c]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
[Alveolar/Bronchiolar Adenoma TGLS = 11-2]			
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-24]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103396

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 4-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5]			
Mesentery		Lymphoma Malignant	
	Fat	Necrosis	Focal, Mild
[Lymphoma Malignant TGLS = 7-23]			
[Necrosis TGLS = 5-22]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Moderate
Tooth		Malformation	Mild
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Pancreas	* Parathyroid Gland	Peritoneum	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 1-2]			
* Nose	Nasolacrim Dct	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pituitary Gland		Cyst	Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular		Erosion	Minimal
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Gallbladder		Cyst	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Hyperplasia	Histiocytic, Mild
		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-2]			
[Hyperplasia TGLS = 1-2]			
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-3]			
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Eosinophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
Tooth		Malformation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 1-2]			
* Thymus		Cyst	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Kidney		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-5]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 1-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Focal, Minimal
		Nephropathy	Mild
[Cyst TGLS = 2-22]			
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Carcinoma TGLS = 1-21]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic, Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 2-22]			
[Hepatocellular Carcinoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Carcinoma TGLS = 2-21]			
* Preputial Gland		Inflammation	Chronic, Marked
* Skin	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 725
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Pancreas
* Parathyroid Gland	Peritoneum	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland

OBSERVATIONS

* Eye		Atrophy	Marked
	Retrobulbar	Carcinoma	Metastatic (Harderian Gland)
[Atrophy TGLS = 3-44]			
[Carcinoma TGLS = 3-44]			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 4-22]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Carcinoma	Metastatic (Harderian Gland)
		Inflammation	Moderate
* Spleen		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Bilateral, Subcapsular	Adenoma	
* Bone		Hyperostosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-6]			
[Vacuolization Cytoplasmic TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Cytoplasmic Alteration	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21, 3-22]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 1-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
	Mediastinum	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-2]			
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	Peritoneum	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
Spinal Cord	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
[Hepatocellular Carcinoma TGLS = 4-21, 5-22]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 6-2]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 7-4]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-8]			
* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 4-8]			
Skeletal Muscle		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 1-21]			
* Skin		Ulcer	Moderate
[Ulcer TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 6-6]			
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH	- Skeletal Muscle Rhabdomyosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Skin Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Medulla	* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 1-6]			
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2]			
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 706
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 103410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Eye
* Thymus

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 7-12]			
* Kidney		Histiocytic Sarcoma	
		Nephropathy	Mild
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-6]			
* Lung		Congestion	Mild
[Congestion TGLS = 5-2, 6-2]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
	Fat	Necrosis	Focal, Mild
[Histiocytic Sarcoma TGLS = 2-21]			
[Necrosis TGLS = 3-22]			
* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 706
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 103410

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-6, 2-21]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Moderate
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 592
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 98757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adren Cortex		
Note: One adrenal gland is missing.		
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21, 4-22]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Adrenal Medulla		Angiectasis	Moderate
* Harderian Gland	Epithelium	Hyperplasia	Focal, Mild
* Kidney		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-21, 2-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 515
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 97755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Atrophy	Mild
	Hepatocellular Carcinoma	
[Atrophy TGLS = 1-6]		
[Hepatocellular Carcinoma TGLS = 2-21]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Erosion	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 3-21, 4-22]			
* Prostate	Epithelium	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-7]			
* Thymus		Cyst	Mild
		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
* Intestine Small, Ileum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-4]			
* Intestine Small, Jejunum		Lymphoma Malignant	
		Necrosis	Marked
[Lymphoma Malignant TGLS = 8-2, 9-25]			
[Necrosis TGLS = 9-25]			
* Kidney		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-23]			
[Lymphoma Malignant TGLS = 5-22]			
[Lymphoma Malignant TGLS = 3-7]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-24]			
Mesentery		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103414

ORGAN AND ACCOUNTABLE SITE STATUS

	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 4-21]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Prostate		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-25]			
* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Glandular		Erosion	Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 12-2]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
PRIMARY CAUSE OF DEATH	- Intestine Small, Jejunum	Lymphoma Malignant	
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Jejunum	Necrosis	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Infarct	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
[Clear Cell Focus TGLS = 1-6]			
* Nose		Inflammation	Mild
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland	Inflammation	Marked
Note: Inflammation of Harderian gland is unilateral.		
* Kidney	Hydronephrosis	Moderate
	Nephropathy	Moderate
[Hydronephrosis TGLS = 3-5]		
[Nephropathy TGLS = 3-5]		
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-21]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric	Hemorrhage	Moderate
[Hemorrhage TGLS = 5-5]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 1-6]			
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Skin	Epidermis	Hyperplasia	Focal, Minimal
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Retrobulbar	Sarcoma	
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-12]			
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 640
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 103419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

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* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]		
* Lung	Hepatocellular Carcinoma	Metastatic (Lung)
Tooth	Malformation	Mild
[Malformation TGLS = 4-9]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 721
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 103420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Harderian Gl		
Note: Cyst-like change in Harderian gland is interpreted as likely artifact.		
* Kidney	Cholangiocarcinoma	Metastatic (Liver)
[Cholangiocarcinoma TGLS = 5-5]		
* Liver	Cholangiocarcinoma	
	Hepatocellular Carcinoma	Multiple
[Cholangiocarcinoma TGLS = 6-22]		
[Hepatocellular Carcinoma TGLS = 7-23, 8-24]		
* Lung	Carcinoma	Metastatic (Mammary Gland)
	Cholangiocarcinoma	Metastatic (Liver)
	Hepatocellular Carcinoma	Metastatic (Liver)
[Carcinoma TGLS = 10-2]		
[Cholangiocarcinoma TGLS = 9-2]		
* Lymph Node, Mesenteric	Hemorrhage	Moderate
* Mammary Gland	Carcinoma	
[Carcinoma TGLS = 3-21]		
* Preputial Gland	Degeneration	Cystic, Mild
	Inflammation	Chronic, Moderate
[Degeneration TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 721
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 103420

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Liver	Cholangiocarcinoma;Lung	Cholangiocarcinoma	Liver

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland	Epithelium	Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 3-2]			
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-6]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 1-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Pancreas	* Parathyroid Gland	Peritoneum
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Nose	* Pituitary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Basophilic Focus TGLS = 2-22]			
[Hepatocellular Adenoma TGLS = 1-21]			
[Hepatocellular Carcinoma TGLS = 3-23]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-4]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 4-6, 4-22]			
[Hepatocellular Carcinoma TGLS = 3-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-23]			
* Nose	Nasolacrim Dct	Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 2-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Hydronephrosis	Mild
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 4-22, 5-23]			
* Lung		Hepatoblastoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatoblastoma TGLS = 8-2]			
[Hepatocellular Carcinoma TGLS = 8-2]			
Lymph Node	Mediastinal	Hepatoblastoma	Metastatic (Liver)
[Hepatoblastoma TGLS = 9-25]			
* Preputial Gland		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Hepatoblastoma	Metastatic (Liver)
	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Mild
[Hepatoblastoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103426

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland	Epithelium	Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-6, 3-6, 4-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Focal, Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]			
[Hyperplasia TGLS = 6-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 9-23]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 4-23]			
[Hepatocellular Adenoma TGLS = 2-21, 3-22]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Prostate	Epithelium	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 517
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 97756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

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* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic, Moderate
[Inflammation TGLS = 4-44]			
* Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 3-12]			
* Kidney		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-21,2-22]			
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
		Cytoplasmic Alteration	Focal, Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Hepatocyte	Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2-6, 2-21]			
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 2-6]			
[Hepatocellular Adenoma TGLS = 3-22, 4-23, 5-24, 6-6]			
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-21]			
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 598
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 98758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Harderian Gland	* Heart	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Bone Marrow	* Brain	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Pancreas	* Spleen	* Thyroid Gland	

OBSERVATIONS

* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung	Alveolar/Bronchiolar Adenoma	
* Stomach, Glandular	Erosion	Mild
[Erosion TGLS = 2-22]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Location of adrenal gland tissue is slide 5. Mesenteric lymph node is on slide 10. One adrenal gland is missing.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 1-7]			
* Kidney		Cyst	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Nose	Nasolacrim Dct	Hyperplasia	Focal, Mild
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 691
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Jejunum
* Stomach, Glandular			

OBSERVATIONS

* Kidney		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Hyperplasia	Histiocytic, Focal, Moderate
		Pigmentation	Focal, Moderate
[Hepatocellular Carcinoma TGLS = 2-21, 3-22]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 4-23]			
* Preputial Gland		Hyperplasia	Lymphoid, Marked
		Inflammation	Chronic, Moderate
[Hyperplasia TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone		Hyperostosis	Mild
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 3-22]			
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-2]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-21, 2-22]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]		
* Pituitary Gland	Cyst	Minimal
* Preputial Gland	Inflammation	Chronic, Moderate
* Spleen	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Spermatocele	Moderate
* Harderian Gland		Adenoma	
* Kidney		Cyst	Mild
		Nephropathy	Mild
[Cyst TGLS = 2-5]			
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Seminal Vesicle		Cyst	Moderate
* Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Eye	Cornea	Inflammation	Chronic, Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-12]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 3-6]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-7]			
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney		Nephropathy	Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-21]			
* Prostate	Epithelium	Hyperplasia	Focal, Mild
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Harderian Gland	Adenoma	
[Adenoma TGLS = 6-12]		
* Kidney	Nephropathy	Moderate
* Liver	Hemangiosarcoma	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	Infiltration Cellular	Mixed Cell, Moderate
Note: Hepatocellular adenoma is on slide 6.		
[Hemangiosarcoma TGLS = 2-21, 3-22]		
[Hepatocellular Carcinoma TGLS = 4-23]		
* Lymph Node, Mesenteric	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-5]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 1-6]			
[Vacuolization Cytoplasmic TGLS = 1-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
* Spleen		Hyperplasia	Lymphoid, Mild
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Histiocytic, Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 4-21]			
[Hepatocellular Carcinoma TGLS = 5-22]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
Mesentery	Artery	Inflammation	Moderate
* Preputial Gland		Inflammation	Chronic, Marked
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Stomach, Forestomach		Erosion	Mild
	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Infiltration Cellular	Mixed Cell, Minimal

[Hepatocellular Adenoma TGLS = 2-21]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2-6, 4-6]			
[Hepatocellular Adenoma TGLS = 3-22]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21]			
* Preputial Gland		Inflammation	Chronic, Moderate
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2-22]			
[Hepatocellular Adenoma TGLS = 1-21]			
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 435
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 96060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Focal, Moderate
[Hepatocellular Carcinoma TGLS = 1-21]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 54
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 00-89845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Although tissues generally were within normal range, this mouse obviously had no t eaten for an extended period of time.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Gallbladder	Epithelium	Degeneration	Hyaline, Moderate
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
		Inflammation	Focal, Moderate
[Hyperplasia TGLS = 5-23]			
[Inflammation TGLS = 5-23]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-21, 3-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
Mesentery		Inflammation	Moderate
	Fat	Necrosis	Focal, Moderate
[Inflammation TGLS = 1-21]			
[Necrosis TGLS = 1-21]			
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adren Medulla		
Note: One adrenal medulla is missing.		
* Bone Marrow	Hyperplasia	Moderate
* Harderian Gland	Carcinoma	
* Heart	Thrombosis	Marked
[Thrombosis TGLS = 7-5]		
* Kidney	Nephropathy	Marked
* Liver	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3-6, 4-6, 5-21, 6-22]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric	Hemorrhage	Moderate
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 670
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-21, 3-22]			
* Prostate		Inflammation	Marked
* Skin	Subcut Tiss	Fibrosarcoma	
	SOA Dermis	Inflammation	Focal, Minimal
[Fibrosarcoma TGLS = 4-23]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Mild
* Urinary Bladder		Inflammation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-21]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-4]			
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 710
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 1-6]			
[Vacuolization Cytoplasmic TGLS = 1-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Histiocytic, Minimal
		Hyperplasia	Lymphoid, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 2-21]			
[Hyperplasia TGLS = 3-22]			
[Hyperplasia TGLS = 3-22]			
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Duodenum		Adenoma	
[Adenoma TGLS = 3-21]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-22]			
* Skin	SOA Epidermis	Hyperplasia	Moderate
	SOA Dermis	Inflammation	Focal, Moderate
	SOA	Ulcer	Mild
[Hyperplasia TGLS = 1-65]			
[Inflammation TGLS = 1-65]			
[Ulcer TGLS = 1-65]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			

PRIMARY CAUSE OF DEATH	- Intestine Small, Duodenum Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Cortex		
Note: One adrenal gland is missing.		
* Bone Marrow	Hyperplasia	Moderate
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-6]		
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-5]		
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-8]			
* Preputial Gland		Inflammation	Chronic, Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Eye			
Note: Available lens tissue is normal, but most of lens tissue is missing. Eyes otherwise are normal.			
* Kidney		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-6]			
* Pancreas		Necrosis	Focal, Moderate
[Necrosis TGLS = 1-7, 1-21]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-12]			
* Intestine Small, Duodenum		Ectopic Tissue	Mild
Note: Ectopic tissue is pancreatic tissue.			
* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Focal, Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 1-6]			
[Mixed Cell Focus TGLS = 1-6]			
[Vacuolization Cytoplasmic TGLS = 1-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Nose	Nasolacrim Dct	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Cyst	Mild
	Infarct	Mild
	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 1-21, 2-22]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
Note: Metastatic hepatocellular carcinoma in lung is very small lesion, but is certain.		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal

Note: Hepatoblastoma, very small, is within hepatocellular adenoma, TGL 3-21.
[Clear Cell Focus TGLS = 2-6, 4-22]
[Hepatoblastoma TGLS = 3-21]
[Hepatocellular Adenoma TGLS = 1-6, 3-21]

* Lung

Note: One small focus of scattered columnar epithelium in lung is judged to be mucosal debris from GI tract, introduced as artifact of necropsy procedure.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mesenteric	Mesentery	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Eye	Cornea	Inflammation	Chronic, Moderate
	Cornea	Necrosis	Focal, Moderate
[Inflammation TGLS = 3-44]			
[Necrosis TGLS = 3-44]			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-12]			
* Kidney		Nephropathy	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Nose	Nasolacrim Dct	Cyst	Mild
* Skin	SOA Epidermis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 701
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Stomach, Glandular		

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric	* Pituitary Gland

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-22]			
* Lung	Mediastinum	Hepatocellular Carcinoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 5-2]			
[Hepatocellular Carcinoma TGLS = 5-2]			
Mesentery		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-21, 4-24]			
* Pancreas		Hepatocellular Carcinoma	Metastatic (Liver)
Peritoneum		Hepatocellular Carcinoma	Metastatic (Liver)
Skeletal Muscle		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 6-23]			

PRIMARY CAUSE OF DEATH - Mesentery Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 701
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103572

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-12]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-12]			
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-21, 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Mild
[Hyperplasia TGLS = 5-4]			
[Ulcer TGLS = 5-4]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Hyperplasia	Squamous, Mild
	Cornea	Inflammation	Chronic, Mild
[Hyperplasia TGLS = 6-44]			
[Inflammation TGLS = 6-44]			
* Gallbladder		Cyst	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-12]			
* Kidney		Cyst	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-6, 3-22]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-8]			
* Preputial Gland		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-6, 2-21]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 545
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 98163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Heart	Artery	Inflammation	Chronic, Mild
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 3-22]			
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 4-4]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Harderian Gland	Degeneration	Cystic, Focal, Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21, 3-6]		
* Preputial Gland	Inflammation	Chronic, Moderate
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-21, 2-22]			
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 1-21, 2-22]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 3-2]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 626
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adren Cortex			
Note: One adrenal gland is missing.			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Focal, Moderate
[Hepatocellular Carcinoma TGLS = 1-21]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Hyperplasia	Focal, Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 3-21]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]			
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Eye			
Note: Lens of one eye is missing.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-21]			
[Hepatocellular Carcinoma TGLS = 3-22]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-5]			
* Pituitary Gland		Cyst	Minimal
* Skin	SOA Epidermis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Mild
		Hydronephrosis	Moderate
[Cyst TGLS = 4-5]			
[Hydronephrosis TGLS = 4-5, 5-5]			
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 6-21, 7-22, 8-23]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
		Cytoplasmic Alteration	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Eye			
Note: Lens of one eye is missing.			
* Kidney	Renal Tubule	Adenoma	
		Cyst	Mild
		Nephropathy	Minimal
[Adenoma TGLS = 3-22]			
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-21]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney	Renal Tubule	Hyperplasia	Focal, Mild
		Nephropathy	Mild
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
[Hemangiosarcoma TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 2-6, 4-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]			
* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-8, 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-6, 2-21, 3-22]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 4-23]			
* Skin	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Minimal
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 713
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 103499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	Mesentery	* Nose	* Pancreas
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2-6]			
[Hepatocellular Adenoma TGLS = 1-6]			
* Skin	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Harderian Gland	Epithelium	Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 625
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 103502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Granuloma Sperm	Moderate
[Granuloma Sperm TGLS = 1-7]		
* Harderian Gland	Adenoma	
[Adenoma TGLS = 4-12]		
* Islets, Pancreatic	Carcinoma	
[Carcinoma TGLS = 2-7]		
* Kidney	Nephropathy	Mild
* Salivary Glands	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Islets, Pancreatic Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	Peritoneum	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 8-12]			
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 4-6]			
[Hepatocellular Carcinoma TGLS = 5-21, 5-21-1]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 7-2]			
[Hyperplasia TGLS = 1-8]			
Mesentery		Fibrosis	Focal, Mild
[Fibrosis TGLS = 6-21-1]			
* Pituitary Gland		Cyst	Minimal
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103503

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6, 2-6.1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Epididymis		Inflammation	Chronic, Mild
* Harderian Gland		Adenoma	
* Intestine Small, Jejunum		Inflammation	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Skin	Subcut Tiss	Angiectasis	Focal, Moderate
	Subcut Tiss	Inflammation	Chronic, Focal, Moderate
	Subcut Tiss	Thrombosis	Moderate

Note: All microscopic subcutaneous lesions in this mouse refer to one gross lesion (TGL 1) in area of application of DIC, yet are not necessarily caused by DIC.
[Angiectasis TGLS = 1-21]
[Inflammation TGLS = 1-21]
[Thrombosis TGLS = 1-21]

* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone		Hyperostosis	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2]			
* Preputial Gland		Inflammation	Chronic, Moderate
* Skin	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Mild
[Hyperplasia TGLS = 1-65]			
[Inflammation TGLS = 1-65]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Pancreas		Inflammation	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Moderate
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-6]		
* Preputial Gland	Inflammation	Chronic, Minimal
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Inflammation	Chronic, Focal, Minimal
* Kidney		Nephropathy	Minimal
* Parathyroid Gland		Cyst	Mild
* Skin	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Skin	Epidermis	Hyperplasia	Focal, Minimal
	SOA Dermis	Inflammation	Focal, Minimal
Tooth		Malformation	Moderate
* Urinary Bladder	Serosa	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-22]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-21]			
* Stomach, Glandular		Erosion	Minimal
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 20 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	Mesentery	* Nose	* Pancreas
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 6-22]			
* Kidney		Infiltration Cellular	Mixed Cell, Mild
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Necrosis	Focal, Mild
[Hepatocellular Carcinoma TGLS = 5-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Ectasia	Moderate
		Hyperplasia	Lymphoid, Moderate
[Ectasia TGLS = 4-5]			
[Hyperplasia TGLS = 4-5]			
* Parathyroid Gland		Cyst	Moderate
* Skin	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Moderate
	SOA	Ulcer	Moderate
[Hyperplasia TGLS = 1-65]			
[Inflammation TGLS = 1-65]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 20 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103512

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 1-65]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Moderate
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
Note: Obvious cyst in adrenal cortex. No applicable diagnosis for cyst in LDAS menu of terms for non-neoplastic lesions.			
* Gallbladder		Cyst	Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 1-6]			
* Nose	Nasolacrim Dct	Hyperplasia	Focal, Moderate
	Nasolacrim Dct	Inflammation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-21]			
* Thymus		Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 103514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 1-6, 3-22, 4-24]			
* Lung	Mediastinum	Hepatocellular Carcinoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 6-2, 7-23]			
[Hepatocellular Carcinoma TGLS = 6-2]			
Mesentery		Hepatocellular Carcinoma	Metastatic (Liver)
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Focal, Mild
[Hyperplasia TGLS = 10-26]			
[Inflammation TGLS = 10-26]			
Tissue NOS	Thoracic	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 9-25]			

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung Mediastinum Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
Peritoneum	* Preputial Gland	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
* Eye		Lymphoma Malignant	
* Gallbladder	Epithelium	Degeneration	Hyaline, Moderate
	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-6]			
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 2-21, 6-22]			
* Lung	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
Mesentery		Lymphoma Malignant	
	Fat	Necrosis	Focal, Minimal
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103515

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Intermed	Adenoma	
* Prostate		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin	SOA, Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-2]			
Tooth		Malformation	Moderate
* Urinary Bladder		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Skin	SOA Epidermis	Hyperplasia	Minimal
	SOA Dermis	Inflammation	Focal, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Duodenum		Adenoma	
[Adenoma TGLS = 3-22]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Skin	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Minimal
[Hyperplasia TGLS = 1-65]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]			
* Skin	SOA Epidermis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 48
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 00-89846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum

OBSERVATIONS

* Spleen	Atrophy	Mild
[Atrophy TGLS = 2-6]		

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 55
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 00-89847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 2-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 681
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 103520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mandibular
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Glandular		

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Focal, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-5]			
* Liver		Hepatocellular Carcinoma	
		Thrombosis	Marked
[Hepatocellular Carcinoma TGLS = 5-21]			
[Thrombosis TGLS = 5-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
Note: TGL 1-10 is a cyst of moderate severity in adrenal cortex. Cyst is not an available diagnostic term in the LDAS computer menu of terms for adrenal cortex.			
* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Kidney		Nephropathy	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hyperplasia	Histiocytic, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-21]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 1-6]			
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Histiocytic, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]			
[Hyperplasia TGLS = 3-2]			
* Nose		Inflammation	Mild
* Skin	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-6]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Preputial Gland		Inflammation	Chronic, Moderate
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Hemangiosarcoma	
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-22]		
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
Mesentery		
Note: NO CORRELATING LESION FOR TGLS - 2.		
* Pituitary Gland	Cyst	Mild
* Preputial Gland	Inflammation	Chronic, Moderate
* Spleen	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-22]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Ileum		Carcinoma	
Note: Tumor tissue in subserosal sacs in TGL 2-22, lined by columnar epithelium, are interpreted as diverticula, rather than being evidence of malignant invasion.			
[Carcinoma TGLS = 2-22]			
* Kidney		Cyst	Mild
		Nephropathy	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Histiocytic, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]			
[Hyperplasia TGLS = 4-2]			
* Skin	SOA Epidermis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
Tissue NOS	Abdominal	Cyst	Moderate
[Cyst TGLS = 1-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-21]			
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland	Epithelium	Hyperplasia	Focal, Minimal
* Kidney		Infarct	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocholangiocarcinoma	
	Bile Duct	Hyperplasia	Moderate
		Infarct	Moderate
[Hepatocellular Adenoma TGLS = 1-21, 3-23]			
[Hepatocholangiocarcinoma TGLS = 2-22]			
[Hyperplasia TGLS = 2-22]			
[Infarct TGLS = 2-22]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Inflammation	Chronic, Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 496
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 97618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Gallbladder		Cyst	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Necrosis	Focal, Moderate
[Hepatocellular Carcinoma TGLS = 1-21, 2-22, 3-23]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Duodenum		Carcinoma	
[Carcinoma TGLS = 4-21]			
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-2]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-7]			
Mesentery			
Note: NO CORRELATING LESION FOR TGLS = 5.			
* Pancreas		Necrosis	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103532

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
		Cytoplasmic Alteration	Focal, Mild
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hyperplasia	Histiocytic, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 1-2]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 2-21]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-4]			
* Testes	Interstit Cell	Hyperplasia	Focal, Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 493
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 97619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Harderian Gland	Epithelium	Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-21, 3-22]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-21]			
* Pituitary Gland		Cyst	Mild
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 103537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Cyst	Mild
		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-21]			
* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-8]			
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Tooth Malformation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 20 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peripheral Nerve	Peritoneum	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Medulla			
Note: One adrenal medulla is missing.			
* Bone Marrow		Hyperplasia	Moderate
* Eye	Cornea	Inflammation	Chronic, Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 6-12]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 4-6+UTGL]			
[Hepatocellular Carcinoma TGLS = 4-6+UTGL]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 7-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-5]			
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 20 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103538

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
Tooth	Peridont Tiss	Inflammation	Chronic, Mild
	Pulp	Inflammation	Mild
		Malformation	Moderate

PRIMARY CAUSE OF DEATH	- Harderian Gland Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Tooth Malformation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Urinary Bladder		Hemangioma	
[Hemangioma TGLS = 2-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Marked
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Cyst	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-6,UTGL]			
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Moderate
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Mild
		Nephropathy	Mild
[Cyst TGLS = 1-5]			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 98759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	Mesentery
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Urinary Bladder			

OBSERVATIONS

* Heart		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 8-5]			
* Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 3-5]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 5-22, 6-23]			
* Lung		Congestion	Moderate
		Hepatocellular Carcinoma	Metastatic (Liver)
[Congestion TGLS = 10-2]			
[Hepatocellular Carcinoma TGLS = 7-2]			
* Nose	Nasolacrim Dct	Inflammation	Moderate
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 9-2]			
Tissue NOS	Abdominal	Hepatocellular Carcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 98759

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinum	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 2-21]			
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 664
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 103363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Rectum
* Islets, Pancreatic	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney		

INSUFFICIENT TISSUE

* Adrenal Cortex	* Adrenal Medulla		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Liver		Infiltration Cellular	Mixed Cell, Moderate
* Lung		Sarcoma	Metastatic (Uncertain Primary Site)
[Sarcoma TGLS = 5-2]			
Lymph Node	Mediastinal	Sarcoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mandibular		Hyperplasia	Histiocytic, Mild
* Lymph Node, Mesenteric		Sarcoma	Metastatic (Uncertain Primary Site)
[Sarcoma TGLS = 2-5]			
Mesentery	Fat	Necrosis	Focal, Mild
		Sarcoma	
[Necrosis TGLS = 4-22]			
[Sarcoma TGLS = 3-21]			
* Nose	Nasolacrim Dct	Inflammation	Mild
* Pancreas	Acinus	Atrophy	Focal, Moderate
		Sarcoma	Metastatic (Uncertain Primary Site)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 664
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 103363

ORGAN AND ACCOUNTABLE SITE STATUS

Peritoneum		Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Diverticulum	Mild
Tooth		Malformation	Mild
PRIMARY CAUSE OF DEATH	- Mesentery Sarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 474
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 96058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Adren Medulla		
Note: One adrenal medulla is missing.		
* Harderian Gland	Adenoma	
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Cyst	Minimal
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Hyperplasia	Squamous, Minimal
* Intestine Large, Cecum		Leiomyoma	
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 1-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Granuloma Sperm	Mild
[Granuloma Sperm TGLS = 1-7]		
* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 573
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 98239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	Peritoneum	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum

OBSERVATIONS

* Kidney	Inflammation	Moderate
[Inflammation TGLS = 1-5]		
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-6]		
Peripheral Nerve	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 3-21, 3-21-1]		
* Prostate	Inflammation	Moderate
Tooth	Malformation	Mild
* Urinary Bladder	Inflammation	Moderate

PRIMARY CAUSE OF DEATH	- Peripheral Nerve Schwannoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Kidney Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mesenteric	Mesentery	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
Note: Metastatic lesion of hepatocellular carcinoma is in the left kidneuy.			
[Nephropathy TGLS = 3-5]			
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Focal, Mild
[Hepatocellular Carcinoma TGLS = 5-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 7-2]			
* Nose	Nasolacrim Dct	Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thymus		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 6-2]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
Tissue NOS	Mediastinum	Hepatocellular Carcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103364

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Adenoma	
Note: Adenoma is in accessory adrenal cortical nodule, TGL 1, Slide 21.			
[Accessory Adrenal Cortical Nodule TGLS = 1-21]			
[Adenoma TGLS = 1-21]			
* Eye	Cornea	Inflammation	Chronic, Moderate
[Inflammation TGLS = 4-44]			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-12]			
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103327

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Cyst	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Mixed Cell Focus	
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 1-21, 2-22]			
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Preputial Gland		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 103365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Gallbladder	* Mammary Gland	* Parathyroid Gland	
AUTO PRECLUDES DIAG.			
* Eye	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Pancreas	* Stomach, Glandular
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Mild
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
PRIMARY CAUSE OF DEATH	- Liver Hemangiosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 2-6]			
[Hepatocellular Adenoma TGLS = 1-6]			
[Vacuolization Cytoplasmic TGLS = 2-6]			
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 484
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 96059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peripheral Nerve	Peritoneum	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Eye		
Note: Cornea missing, artifact, from both eyes. Eyes otherwise normal.		
* Heart	Cardiomyopathy	Mild
* Liver	Hepatocellular Carcinoma	
	Hepatodiaphragmatic Nodule	Mild
[Hepatocellular Carcinoma TGLS = 4-21]		
[Hepatodiaphragmatic Nodule TGLS = 3-22]		
* Prostate	Inflammation	Moderate
[Inflammation TGLS = 2-7]		
* Urinary Bladder	Inflammation	Moderate
[Inflammation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH - Prostate Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-6]			
* Preputial Gland		Inflammation	Chronic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2-6,3-6]			
[Hepatocellular Adenoma TGLS = 4-6, 6-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Focal, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 5-2]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 1-21]			
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 1-6]			
* Preputial Gland		Cyst	Moderate
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]		
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-5]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Retrobulbar	Inflammation	Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Spleen

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Preputial Gland	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Bone Marrow		Hemangiosarcoma	
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hemangiosarcoma	
		Thrombosis	Moderate
[Hemangiosarcoma TGLS = 1-6, 1-21]			
[Thrombosis TGLS = 2-21]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH - Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	Mesentery	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Eye	Cornea	Inflammation	Chronic, Moderate
	Cornea	Necrosis	Focal, Moderate
[Inflammation TGLS = 1-44]			
[Necrosis TGLS = 1-44]			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 2-12]			
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-21]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Nose	Nasolacrim Dct	Inflammation	Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
		Cytoplasmic Alteration	Focal, Minimal
* Bone Marrow		Thrombosis	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-5]			
* Liver		Hepatocellular Carcinoma	Multiple
		Infarct	Marked
Note: Infarction mainly affects liver tissue included in hepatocellular carcinoma.			
[Hepatocellular Carcinoma TGLS = 3-6, 3-21, 4-23, 5-22]			
[Infarct TGLS = 3-6, 3-21, 4-23]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Mesentery		Inflammation	Moderate
[Inflammation TGLS = 4-23]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 2-22]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 1-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adren Medulla			
Note: Medulla of one adrenal gland is missing.			
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-3]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Necrosis	Focal, Moderate
[Hepatocellular Adenoma TGLS = 3-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 710
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland

OBSERVATIONS

* Kidney	Capsule	Carcinoma	Metastatic (Pancreas)
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 6-23]			
* Lung		Carcinoma	Metastatic (Pancreas)
[Carcinoma TGLS = 8-2]			
* Lym Node Mesen			
Note: Mesenteric lymph node could not be distinguished from other tissues, either grossly or microscopically.			
Lymph Node	Mediastinal	Carcinoma	Metastatic (Pancreas)
[Carcinoma TGLS = 7-2]			
Mesentery		Carcinoma	Metastatic (Pancreas)
[Carcinoma TGLS = 4-21]			
* Pancreas	Duct	Carcinoma	
[Carcinoma TGLS = 3-5, 3-7]			
Peritoneum		Carcinoma	Metastatic (Pancreas)
* Seminal Vesicle		Carcinoma	Metastatic (Pancreas)
Skeletal Muscle		Carcinoma	Metastatic (Pancreas)
[Carcinoma TGLS = 5-22]			
* Skin	Subcut Tiss	Edema	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 710
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103377

ORGAN AND ACCOUNTABLE SITE STATUS

[Edema TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Serosa	Carcinoma	Metastatic (Pancreas)
* Stomach, Glandular		Carcinoma	Metastatic (Pancreas)
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Minimal
* Intestine Small, Jejunum	Carcinoma	
	Cyst	Moderate
[Cyst TGLS = 2-22]		
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-6, 1-21]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 498
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 97617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum

OBSERVATIONS

* Adren Cortex		
Note: One adrenal gland is missing.		
* Kidney	Schwannoma Malignant	Metastatic (Uncertain Primary Site)
[Schwannoma Malignant TGLS = 2-5]		
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-6]		
Mesentery	Schwannoma Malignant	Metastatic (Uncertain Primary Site)
[Schwannoma Malignant TGLS = 3-21]		
* Parathyroid Gland	Cyst	Moderate

PRIMARY CAUSE OF DEATH	- Kidney Schwannoma Malignant Uncertain Primary Site
CONTRIBUTORY CAUSE OF DEATH	- Mesentery Schwannoma Malignant Uncertain Primary Site

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 103379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Pituitary Gland
* Spleen	* Stomach, Glandular		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]			
* Preputial Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Mild
[Degeneration TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
Skeletal Muscle		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 2-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 48
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 00-89848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland	* Thymus		
AUTO PRECLUDES DIAG.			
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 183	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Harderian Gland	Epithelium	Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 1-21, 2-6]			
* Preputial Gland		Degeneration	Cystic, Moderate
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-12]			
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2-6, 3-21]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Kidney	Renal Tubule	Hyperplasia	Focal, Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2-21]			
[Vacuolization Cytoplasmic TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-21, 2-7]			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-12]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 4-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Parathyroid Gland	Peritoneum	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Hepatocellular Adenoma TGLS = 1-21]			
[Squamous Cell Carcinoma TGLS = 2-4]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland		Cyst	Minimal
* Skin	SOA Epidermis	Hyperplasia	Minimal
	SOA Dermis	Inflammation	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 1-21, 2-22, 4-23]			
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 1-21]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic, Mild
[Inflammation TGLS = 5-44]			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 6-12]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-22, 3-23]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-2]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 1-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Harderian Gland		Inflammation	Minimal
* Heart		Infiltration Cellular	Mixed Cell, Minimal
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 5-22]			
[Vacuolization Cytoplasmic TGLS = 5-22]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-7]			
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-21]			
* Spleen		Hemangiosarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103390

ORGAN AND ACCOUNTABLE SITE STATUS

	Lymphoma Malignant
[Lymphoma Malignant TGLS = 4-23]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Cortex			
Note: One adrenal gland is missing.			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 9-12]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3-21, 4-6, 5-6, 6-6]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 7-2, 8-2]			
* Pituitary Gland		Cyst	Mild
* Spleen		Fibrosis	Focal, Moderate
		Hematopoietic Cell Proliferation	Moderate
[Fibrosis TGLS = 2-6]			
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 31
	DOSE: 40 MG/KG	**DISP:** Accidentally Killed	**HISTO:** 00-89103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Skin

Note: SECTION FOR SKIN, SOA MISSING.

Tissue NOS	Hemorrhage	Moderate
[Hemorrhage TGLS = 1-21, 2-21]		

PRIMARY CAUSE OF DEATH - Tissue NOS Hemorrhage

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 103392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mandibular	Mesentery	* Nose	* Pancreas
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland
* Spleen	* Stomach, Glandular		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Necrosis	Focal, Moderate
[Hepatocellular Carcinoma TGLS = 3-21, 4-22]			
[Necrosis TGLS = 2-6]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 5-2]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2-6]			
* Pituitary Gland		Cyst	Moderate
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hemorrhage	Focal, Moderate
		Hepatocellular Carcinoma	
		Inflammation	Granulomatous, Focal, Moderate

Note: Hemorrhage and granulomatous inflammation refer to numerous discrete foci of unusual type, most consisting of hemorrhage plus granulomatous inflammation.
Note: Considerable deposits of dark pigment resembling melanin were present intracellularly in some of the foci of inflammation and hemorrhage.
[Hepatocellular Carcinoma TGLS = 3-22]

* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-21]			
* Skin	SOA, Subcut Tiss	Infiltration Cellular	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate

[Hematopoietic Cell Proliferation TGLS = 2-6]
[Hyperplasia TGLS = 2-6]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 558
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	Peritoneum	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Cortex			
Note: One adrenal gland is missing.			
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Duodenum	Serosa	Inflammation	Chronic, Moderate
* Kidney	Pelvis	Dilatation	Moderate
		Inflammation	Moderate
		Nephropathy	Moderate
[Dilatation TGLS = 5-5]			
* Liver	Capsule	Inflammation	Chronic, Moderate
[Inflammation TGLS = 6-6]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Inguinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 7-23]			
[Hyperplasia TGLS = 9-22]			
Mesentery		Inflammation	Chronic, Moderate
[Inflammation TGLS = 4-7, 10-21]			
* Pancreas	Serosa	Inflammation	Chronic, Moderate
[Inflammation TGLS = 4-7]			
* Preputial Gland		Degeneration	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 558
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98220

ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLS = 1-8]			
* Prostate		Carcinoma	
Skeletal Muscle		Inflammation	Chronic, Mild
[Inflammation TGLS = 10-21]			
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 8-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Capsule	Inflammation	Chronic, Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
* Urin Bladder			
Note: NO CORRESPONDING LESION TO TGLS = 3.			
PRIMARY CAUSE OF DEATH	- Mesentery Inflammation		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-5]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Hemorrhage	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 3-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Infarct	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21]			
* Parathyroid Gland		Cyst	Mild
* Pituitary Gland		Angiectasis	Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Intestine Small, Duodenum		Adenoma	
[Adenoma TGLS = 4-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7, 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 44
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 00-89676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Heart		Thrombosis	Moderate

PRIMARY CAUSE OF DEATH - Heart Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Kidney		Metaplasia	Osseous, Focal, Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 2-22]			
[Eosinophilic Focus TGLS = UTGL]			
[Hepatocellular Adenoma TGLS = 1-21]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 2-21]			
* Ovary			
Note: Section of one ovary is insufficient tissue for microscopic evaluation.			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Angiectasis	Mild
* Uterus	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Thrombosis	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Focal, Mild
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Angiectasis TGLS = 6-23]			
[Eosinophilic Focus TGLS = 8-6]			
[Hepatocellular Carcinoma TGLS = 7-24, 9-25]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 2-21]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-22]			
* Ovary		Cyst	Moderate
		Hemangiosarcoma	
		Thrombosis	Moderate
[Cyst TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103359

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Focal, Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-6, 4-22, 5-23]			
Mesentery	Fat	Necrosis	Focal, Minimal
[Necrosis TGLS = 2-21]			
* Ovary		Cyst	Moderate
* Pituitary Gland		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Rectum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adren Medulla			
Note: Medulla is missing from one adrenal gland.			
* Brain		Infarct	
		Lymphoma Malignant	
	Cerebellum, Hippocampus	Necrosis	Mild
Note: NECROSIS ALSO IN GRANULAR LAYER.			
* Heart		Lymphoma Malignant	
Note: Basophilic hyaline bodies dispersed in myocardium, each usually several times larger than a cell nucleus, are judged to be stain artifact.			
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
* Intestine Small, Ileum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Congestion	Moderate
	Renal Tubule	Necrosis	Marked
Note: Congestion and necrosis of kidney affect left kidney only. Right kidney is histologically normal.			
[Congestion TGLS = 3-5]			
[Necrosis TGLS = 3-5]			
* Liver		Lymphoma Malignant	
Lymph Node	Pancreatic	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98761

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 103466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Harderian Gland	* Heart	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Congestion	Mild
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Congestion TGLS = 5-6]			
[Hepatocellular Carcinoma TGLS = 7-23]			
[Necrosis TGLS = 6-22]			
* Lung		Congestion	Moderate
[Congestion TGLS = 8-2]			
* Ovary		Granulosa Cell Tumor Benign	
[Granulosa Cell Tumor Benign TGLS = 2-7]			
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 103466

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-7]	
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Ovary

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-23, 5-24]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21, 2-22]			
* Parathyroid Gland		Cyst	Mild
Note: Cyst is lined by ciliated epithelium and is likely an embryonal rest.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 521
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 97757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 3-1]			
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
[Clear Cell Focus TGLS = 5-23]			
[Hepatocellular Adenoma TGLS = 6-24, 7-25]			
Lymph Node	Mediastinal	Ectasia	Moderate
	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-2]			
Mesentery		Inflammation	Marked
[Inflammation TGLS = 1-21, 2-22]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7]			
* Pituitary Gland		Angiectasis	Mild
[Angiectasis TGLS = 9-1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Eye			
Note: Lens is missing from both eyes.			
* Kidney		Cyst	Minimal
		Infarct	Minimal
[Cyst TGLS = 1-23]			
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Mixed Cell Focus	
[Eosinophilic Focus TGLS = 2,3-6+21+22+UTGLa+UTGLb+UTGLc]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Intestine Large, Cecum		Cyst	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Mixed Cell Focus	
[Mixed Cell Focus TGLS = 6-23]			
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-22]			
* Skin	Subcut Tiss	Fibrosarcoma	
	SOA Epidermis	Hyperplasia	Mild
[Fibrosarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-6]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 5-21]			
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Moderate
[Histiocytic Sarcoma TGLS = 1-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 9-12]			
* Kidney		Nephropathy	Mild
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hemangiosarcoma TGLS = 2-22]			
[Hepatocellular Adenoma TGLS = 3-23, 6-6, 6-26]			
[Hepatocellular Carcinoma TGLS = 4-24, 5-25]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 7-2]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-21]			
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 697
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 103473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Adren Cortex
  Note: One adrenal gland is missing.
* Kidney — Lymphoma Malignant
* Liver — Lymphoma Malignant
  [Lymphoma Malignant TGLS = 7-6]
* Lung — Alveolar/Bronchiolar Adenoma
  Lymphoma Malignant
  [Alveolar/Bronchiolar Adenoma TGLS = 4-2]
  Lymph Node — Iliac — Lymphoma Malignant
  Mediastinal — Lymphoma Malignant
  [Lymphoma Malignant TGLS = 6-21]
  [Lymphoma Malignant TGLS = 3-2, 3-22]
* Lymph Node, Mandibular — Lymphoma Malignant
* Lymph Node, Mesenteric — Lymphoma Malignant
  [Lymphoma Malignant TGLS = 5-5]
  Mesentery — Lymphoma Malignant
* Spleen — Lymphoma Malignant
  [Lymphoma Malignant TGLS = 1-6]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 697
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 103473

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Lymphoma Malignant	
Tissue NOS	Mediastinum	Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Eye		Atrophy	Marked
	Retrobulbar	Carcinoma	Metastatic (Harderian Gland)
[Atrophy TGLS = 9-24]			
[Carcinoma TGLS = 9-24]			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 8-23]			
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 6-22]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Carcinoma	Metastatic (Harderian Gland)
[Alveolar/Bronchiolar Adenoma TGLS = 7-2]			
[Carcinoma TGLS = 7-2]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Skin	Subcut Tiss	Hemangioma	
	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Mild
	SOA	Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98762

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemangioma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic, Moderate
* Liver		Infiltration Cellular	Mixed Cell, Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6, 2-21]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Mild
		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-7]			
Oviduct		Inflammation	Suppurative, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Mild
* Skin	Subcut Tiss	Hemangioma	
Note: TGL 1-65 is a very small hemangioma in subcut tissue beneath skin sample at site of application of control article.			
[Hemangioma TGLS = 1-65]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Metaplasia	Osseous, Focal, Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 11-26]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 9-24]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-8]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 6-23]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Skin	Epidermis	Hyperplasia	Focal, Moderate
	SOA Epidermis	Hyperplasia	Moderate
	Control Dermis	Inflammation	Focal, Mild
	SOA	Ulcer	Moderate
		Ulcer	Moderate
[Inflammation TGLS = 12-27]			
[Ulcer TGLS = 1-65]			
[Ulcer TGLS = 2-21, 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 7-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103476

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-7]			

PRIMARY CAUSE OF DEATH	- Skin Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Histiocytic Sarcoma	
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Necrosis	Focal, Minimal
[Hepatocellular Adenoma TGLS = 7-22, 8-6]			
* Lung		Mineralization	Focal, Mild
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 4-21]			
* Ovary		Cyst	Moderate
		Hemorrhage	Moderate
[Cyst TGLS = 2-23]			
[Hemorrhage TGLS = 2-23]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
* Uterus		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103477

ORGAN AND ACCOUNTABLE SITE STATUS

	Endometrium	Hyperplasia	Cystic, Moderate
[Histiocytic Sarcoma TGLS = 3-7]			
[Hyperplasia TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 506
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 97620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pituitary Gland
* Salivary Glands	* Stomach, Glandular	* Thyroid Gland	* Trachea
MISSING			
* Parathyroid Gland			
AUTO PRECLUDES DIAG.			
* Bone Marrow	* Eye	* Gallbladder	* Intestine Large, Cecum
* Intestine Small, Duodenum	* Intestine Small, Ileum		
OBSERVATIONS			
* Adrenal Cortex		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-6]			
* Lung		Congestion	Moderate
		Lymphoma Malignant	
[Congestion TGLS = 12-2]			
Lymph Node	Deep Cervical	Lymphoma Malignant	
	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-23]			
[Lymphoma Malignant TGLS = 3-21]			
[Lymphoma Malignant TGLS = 13-24]			
[Lymphoma Malignant TGLS = 9-22]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 506
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 97620

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-5]			
Mesentery		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Skin	SOA Epidermis	Hyperplasia	Minimal
	SOA Dermis	Inflammation	Focal, Minimal
[Hyperplasia TGLS = 1-65]			
[Inflammation TGLS = 1-65]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Stomach, Forestomach		Erosion	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Focal, Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-2]			
Tissue NOS	Mediastinum	Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adren Medulla			
Note: One adrenal medulla is missing.			
* Harderian Gland		Adenoma	
* Kidney		Metaplasia	Osseous, Focal, Mild
Note: Lesion (TGL 2-5) actually is on left kidney.			
[Metaplasia TGLS = 2-5]			
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Skin	Control Epider	Hyperplasia	Focal, Moderate
	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Minimal
[Hyperplasia TGLS = 6-65]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Forestomach		Erosion	Mild
	Epithelium	Hyperplasia	Mild
[Erosion TGLS = 7-21]			
[Hyperplasia TGLS = 7-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103478

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Bilateral, Follicular Cel	Adenoma	
[Adenoma TGLS = 4-3]			
* Uterus		Adenoma	
	Endometrium	Hyperplasia	Cystic, Moderate
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Tissue NOS

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-6]			
Lymph Node	Iliac	Hemorrhage	Moderate
	Mediastinal	Lymphoma Malignant	
[Hemorrhage TGLS = 1-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Mild
		Hemorrhage	Mild
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Ovary		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 4-7]			
Oviduct		Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Focal, Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Histiocytic, Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-4]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate
	Endometrium	Polyp Stromal	
[Hyperplasia TGLS = 2-7]			
[Inflammation TGLS = 2-7]			
[Polyp Stromal TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103480

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 3-1]			
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Basophilic Focus	
* Mammary Gland		Carcinoma	
		Dilatation	Mild
[Carcinoma TGLS = 1-21]			
Mesentery		Infiltration Cellular	Lymphoid, Moderate
	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 5-22]			
* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 4-1]			
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 488
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 97621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 8-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Lymph Node	Iliac	Hemorrhage	Moderate
	Mediastinal	Histiocytic Sarcoma	
[Hemorrhage TGLS = 11-22]			
[Histiocytic Sarcoma TGLS = 10-2]			
* Lymph Node, Mandibular		Hemorrhage	Moderate
		Histiocytic Sarcoma	
[Hemorrhage TGLS = 1-8]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 9-5]			
Mesentery		Histiocytic Sarcoma	
	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 5-21]			
* Nose	Nasolacrim Dct	Inflammation	Mild
* Ovary		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 488
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 97621

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 6-6]			
Tissue NOS	Mediastinum	Histiocytic Sarcoma	
Tooth	Peridont Tiss	Histiocytic Sarcoma	Metastatic (Uncertain Primary Site)
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Mild
[Histiocytic Sarcoma TGLS = 4-7, 4-23]			

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 9-12]			
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
[Hepatocellular Carcinoma TGLS = 4-22]			
[Lymphoma Malignant TGLS = 5-23]			
* Lung	Mediastinum	Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-25]			
[Lymphoma Malignant TGLS = 7-24]			
[Lymphoma Malignant TGLS = 6-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103482

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Hyperplasia	Lymphoid, Moderate
		Nephropathy	Minimal
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 7-22]			
[Hyperplasia TGLS = 8-2]			
[Hyperplasia TGLS = 5-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-5]			
Mesentery		Inflammation	Moderate
[Inflammation TGLS = 1-21, 2-7]			
* Pancreas		Inflammation	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 9-23]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
Tissue NOS	Mediastinum	Infiltration Cellular	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103483

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate
[Hyperplasia TGLS = 3-7]			
[Inflammation TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-24]			
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 3-23]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21, 2-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-12]			
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Mild
[Hepatocellular Adenoma TGLS = 5-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21, 3-22]			
* Ovary			
Note: One ovary is missing.			
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Mild
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
	Hepatocyte	Karyomegaly	Minimal
* Ovary		Cystadenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 654
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 103487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Spleen	* Stomach, Glandular

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-21]			
* Uterus		Hemorrhage	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	
[Hemorrhage TGLS = 3-7]			
[Hyperplasia TGLS = 2-7]			
[Polyp Stromal TGLS = 3-7]			

PRIMARY CAUSE OF DEATH	- Uterus Endometrium Polyp Stromal
CONTRIBUTORY CAUSE OF DEATH	- Uterus Hemorrhage

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 619
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Infiltration Cellular	Polymorphnuclr, Moderate
* Bone		Hyperostosis	Mild
* Bone Marrow		Hyperplasia	Marked
* Harderian Gland		Adenoma	
* Heart		Infiltration Cellular	Mixed Cell, Mild
		Thrombosis	Moderate
Note: Thrombus in heart contains abundant bacteria.			
* Kidney		Inflammation	Moderate
		Metaplasia	Osseous, Focal, Mild
	Papilla	Necrosis	Moderate
[Inflammation TGLS = 5-5]			
* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Moderate
[Hepatocellular Carcinoma TGLS = 6-22]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 619
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103488

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate
[Hyperplasia TGLS = 2-7]			
[Inflammation TGLS = 2-7]			

PRIMARY CAUSE OF DEATH	- Kidney Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Heart Thrombosis;Kidney Papilla Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 1-6, 1-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Adrenal Medulla

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-4]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = UTGL]			
[Hepatocellular Adenoma TGLS = 3-21]			
[Hepatocellular Carcinoma TGLS = 4-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Spleen		Congestion	Moderate
		Hyperplasia	Lymphoid, Moderate
[Congestion TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 7-23]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103490

ORGAN AND ACCOUNTABLE SITE STATUS

	Follicle	Degeneration	Cystic, Focal, Moderate
[Adenoma TGLS = 6-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 3-23]			
Mesentery		Infiltration Cellular	Mixed Cell, Moderate
	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 2-22]			
* Spleen	Capsule	Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 1-21]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Lymph Node, Mesenteric

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Ovary		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 305
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 94551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Ulcer	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 683
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-21]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Marked
[Hemangiosarcoma TGLS = 4-22, 5-6]			
[Hematopoietic Cell Proliferation TGLS = 4-22, 5-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 96061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Small, Ileum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
Mesentery		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pituitary Gland		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-21]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
Tissue NOS	Mediastinum	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-22]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Lymphoma Malignant	
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 96061

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland	* Gallbladder	* Lymph Node, Mesenteric	* Thymus

OBSERVATIONS

* Heart		Thrombosis	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
[Eosinophilic Focus TGLS = 8-21]			
[Hepatocellular Carcinoma TGLS = 4-22, 5-23, 6-24]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 7-25]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-6, 2-21, 3-22, 4-23]			
* Ovary		Angiectasis	Marked
		Thrombosis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Bone		Hyperostosis	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Eye			
Note: Lens missing from eyes.			
* Harderian Gland		Adenoma	
	Epithelium	Hyperplasia	Focal, Mild
[Adenoma TGLS = 4-12]			
[Hyperplasia TGLS = 5-12]			
* Heart	Artery	Inflammation	Chronic, Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Mild
Mesentery		Inflammation	Moderate
* Ovary	Bilateral	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 2-7]			
Oviduct		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103496

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Medulla			
Note: One adrenal medulla is missing.			
* Kidney	Capsule	Congestion	Mild
		Infarct	Minimal
		Metaplasia	Osseous, Focal, Mild
[Congestion TGLS = 4-5]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 7-22]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 6-21]			
* Ovary		Angiectasis	Moderate
[Angiectasis TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thymus		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 8-2]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 6-22]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 5-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Pancreas	Acinus	Atrophy	Diffuse, Marked
	Duct	Cyst	Focal, Multiple, Moderate
[Cyst TGLS = 4-7]			
* Skin	Subcut Tiss	Hemangioma	
[Hemangioma TGLS = 7-23]			
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild
[Hyperplasia TGLS = 2-7, 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Adrenal Medulla		Angiectasis	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-6, 4-22, 5-23]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 568
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-21]			
[Lymphoma Malignant TGLS = 2-8]			
[Lymphoma Malignant TGLS = 8-22]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
Mesentery		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
Oviduct		Lymphoma Malignant	
* Skin	SOA Epidermis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 6-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 568
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98222

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
Tissue NOS	Mediastinum	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-23]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate
[Hyperplasia TGLS = 4-7]			
[Inflammation TGLS = 5-7]			

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 683
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Stomach, Glandular

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Moderate
* Lung		Infiltration Cellular	Polymorphnuclr, Moderate
Mesentery		Inflammation	Marked
Note: TGL 3-21 is an abscess.			
[Inflammation TGLS = 3-21]			
* Ovary		Cyst	Moderate
* Skin	Subcut Tiss	Angiectasis	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
Tissue NOS	Mediastinum	Inflammation	Suppurative, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH - Mesentery Inflammation

Animal Note: Blood in smaller vessels of lung and liver show excess of neutrophils, associate d with suppurative inflammation of uterus, mesentery, and mediastinum.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Spleen		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-3]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-22, 4-23]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Mediastinum	Hyperplasia	Lymphoid, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 1-21]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adren Medulla			
Note: Medulla of one adrenal gland is missing.			
* Liver		Angiectasis	Focal, Mild
		Hepatocellular Adenoma	
[Angiectasis TGLS = 4-6]			
[Hepatocellular Adenoma TGLS = 5-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hyperplasia	Histiocytic, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 8-2]			
[Hyperplasia TGLS = 7-2]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-22]			
* Ovary		Hyperplasia	Lymphoid, Moderate
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 10-23]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-6+UTGLa+UTGLb]			
* Lymph Node, Mesenteric		Hemangioma	
[Hemangioma TGLS = 3-5]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 695
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Hemangiosarcoma	
	Hepatocyte	Necrosis	Focal, Moderate
[Hemangiosarcoma TGLS = 7-23]			
[Necrosis TGLS = 6-22]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery		Inflammation	Moderate
	Fat	Necrosis	Focal, Moderate
[Inflammation TGLS = 2-21]			
[Necrosis TGLS = 2-21]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
[Hemangiosarcoma TGLS = 3-24, 4-24]			
[Hematopoietic Cell Proliferation TGLS = 3-24]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Spleen Hemangiosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 12
	DOSE: 10 MG/KG	**DISP:** Accidentally Killed	**HISTO:** 00-88936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland

OBSERVATIONS

* Adren Medulla			
Note: Medulla of one adrenal gland is missing.			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Brain		Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 3-1]			
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Hemorrhage	Moderate
[Hemorrhage TGLS = 1-2]			
* Ovary			
Note: One ovary is missing.			
* Spleen		Hematopoietic Cell Proliferation	Mild
Tissue NOS	Nasal	Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH	- Brain	Hemorrhage
CONTRIBUTORY CAUSE OF DEATH	- Lung	Hemorrhage

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 684
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	Skeletal Muscle	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Intestine Large, Colon

OBSERVATIONS

* Brain		Compression	Focal, Marked
[Compression TGLS = 1-1]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-21]			
* Pancreas	Acinus	Atrophy	Diffuse, Marked
	Duct	Cyst	Focal, Multiple, Marked
[Cyst TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 4-6, UTGL]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-21]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
Note: Pheochromocytoma is in subcapsular location of adrenal gland, without visible connection to principal tissue of adrenal medulla.			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-23]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-22]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	Skeletal Muscle	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Islets, Pancreatic		Adenoma	
* Liver		Hematopoietic Cell Proliferation	Moderate
Lymph Node	Iliac	Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 5-21]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
* Ovary		Cyst	Moderate
[Cyst TGLS = 6-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Uterus	Endometrium	Carcinoma	
	Endometrium	Hyperplasia	Cystic, Moderate
[Carcinoma TGLS = 3-7, 3-22]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Uterus Endometrium Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Focal, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-6]			
Lymph Node	Iliac	Ectasia	Moderate
	Renal	Ectasia	Moderate
[Ectasia TGLS = 6-23]			
[Ectasia TGLS = 5-22]			
* Lymph Node, Mesenteric		Ectasia	Moderate
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 98669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum	* Intestine Small, Jejunum

OBSERVATIONS

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Ovary			
Note: One ovary is missing.			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Uterus Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Eye	Lens	Cataract	Moderate
	Cornea	Hyperplasia	Squamous, Mild
	Cornea	Inflammation	Chronic, Mild
* Harderian Gland		Adenoma	
		Inflammation	Moderate
[Adenoma TGLS = 4-12]			
[Inflammation TGLS = 4-12]			
* Kidney		Nephropathy	Minimal
* Ovary		Angiectasis	Moderate
		Thrombosis	Marked
[Angiectasis TGLS = 3-7]			
[Thrombosis TGLS = 3-7]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Harderian Gland		Inflammation	Mild
* Kidney		Infiltration Cellular	Mixed Cell, Mild
* Liver		Hematopoietic Cell Proliferation	Moderate
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Necrosis	Focal, Mild
[Necrosis TGLS = 5-6]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-3]			
[Hyperplasia TGLS = 4-21]			
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 6-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Glandular	Glands	Hyperplasia	Focal, Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103646

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Marked
[Hyperplasia TGLS = 2-7]			
[Inflammation TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Uterus Inflammation		
CONTRIBUTORY CAUSE OF DEATH	- Ovary Inflammation		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	Ureter	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 8-12]			
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-23]			
[Lymphoma Malignant TGLS = 5-24]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
	Fat	Necrosis	Focal, Mild
Note: Lymphoma of mesentery is present on slides 7, 21, and others.			
[Necrosis TGLS = 3-22]			
* Ovary		Cyst	Mild
[Cyst TGLS = 7-7]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-2]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103647

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Metaplasia	Osseous, Focal, Minimal
* Liver		Hepatocellular Adenoma	
* Lung		Osteosarcoma	Metastatic (Uncertain Primary Site)
* Ovary		Cystadenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-6]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum

INSUFFICIENT TISSUE

* Eye	* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Inflammation	Suppurative, Moderate
* Adrenal Medulla		Inflammation	Suppurative, Mild
* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
* Heart		Infiltration Cellular	Polymorphnuclr, Mild
* Kidney		Infiltration Cellular	Polymorphnuclr, Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Polymorphnuclr, Moderate
[Hepatocellular Adenoma TGLS = 8-22]			
* Lung		Infiltration Cellular	Polymorphnuclr, Moderate
Lymph Node	Iliac	Hyperplasia	Lymphoid, Marked
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 11-2]			
[Hyperplasia TGLS = 6-21]			
[Hyperplasia TGLS = 9-23]			
Mesentery		Inflammation	Moderate
* Ovary		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 12-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103650

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Edema	Mild
	SOA Dermis	Inflammation	Focal, Mild
[Edema TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
* Uterus	Cervix	Hypertrophy	Moderate
		Inflammation	Suppurative, Marked
[Hypertrophy TGLS = 5-25]			
[Inflammation TGLS = 3-7, 4-24, 5-25]			
PRIMARY CAUSE OF DEATH	- Uterus Inflammation		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Inflammation	Chronic, Focal, Mild
* Intestine Small, Jejunum		Adenoma	
[Adenoma TGLS = 3-22]			
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = UTGLb]			
[Hepatocellular Carcinoma TGLS = 2-21]			
* Ovary		Angiectasis	Moderate
	Interstit Cell	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 274	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Moderate
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung	Mediastinum	Hyperplasia	Lymphoid, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-1]			
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Medulla			
Note: Medulla of one adrenal gland is missing.			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA Epidermis	Hyperplasia	Moderate
	SOA Dermis	Inflammation	Focal, Moderate
	SOA, Subcut Tiss	Myxoma	
	SOA	Ulcer	Mild
Note: Lipoma, subcutaneous in skin sample (site of application, slide 65) is small, expansile, and has myxomatoid morphology.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 276	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Infarct	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-21, 3-22, 4-23]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-5]			
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
Note: TGL 2-21 is axillary lymph node			
[Lymphoma Malignant TGLS = 9-23]			
[Lymphoma Malignant TGLS = 12-2]			
[Lymphoma Malignant TGLS = 10-24]			
[Lymphoma Malignant TGLS = 2-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-5]			
Mesentery		Lymphoma Malignant	
	Fat	Necrosis	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103657

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 5-22]			
* Pancreas	Acinus	Atrophy	Focal, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 13-1]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Thymus		Lymphoma Malignant	
Tissue NOS	Mediastinum	Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 555
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Liposarcoma	Metastatic (Tissue Nos)
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Mild
		Liposarcoma	Metastatic (Tissue Nos)
[Liposarcoma TGLS = 5-22]			
* Lung		Liposarcoma	Metastatic (Tissue Nos)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-5]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
Tissue NOS	Abdominal, Pelvic	Liposarcoma	
[Liposarcoma TGLS = 3-21]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Tissue NOS Abdominal Pelvic Liposarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 619
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Gallbladder	* Heart	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Pituitary Gland	* Trachea

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Brain	Cerebrum	Atrophy	Focal, Marked
	Hippocampus	Necrosis	Acute, Moderate
Note: ATROPHY IN PEDUNCLE OF CEREBRUM.			
* Esophagus		Lymphoma Malignant	
* Eye	Retrobulbar	Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	

Note: TGL 2-21 is axillary lymph node.
[Hemorrhage TGLS = 5-7]
[Lymphoma Malignant TGLS = 2-21]
[Lymphoma Malignant TGLS = 8-23]
[Lymphoma Malignant TGLS = 9-24]
[Lymphoma Malignant TGLS = 5-7]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 619
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103658

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 7-2]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-22]			
* Nose		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin	Subcut Tiss	Edema	Moderate
	SOA	Lymphoma Malignant	
		Lymphoma Malignant	
[Edema TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 10-6]			
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Lymphoma Malignant	
Tissue NOS	Mediastinum	Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Lymphoma Malignant	
[Hyperplasia TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	- Tissue NOS Mediastinum	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Gallbladder		Cyst	Minimal
* Kidney		Metaplasia	Osseous, Focal, Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21, 4-6]			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Pituitary Gland		Angiectasis	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Ovary		Cyst	Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Liver	Hepatocyte	Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Mild
* Lung		Lymphoma Malignant	
Lymph Node	Pancreatic	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
Tissue NOS	Mediastinum	Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 579
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			
Zymbal's Gland		Carcinoma	

Note: TGL 2-21, classified as a Zymbal s gland carcinoma, is unusual for a Zymbal s gland tumor in that it shows stucture of a basal cell tumor.

[Carcinoma TGLS = 2-21]

PRIMARY CAUSE OF DEATH - Zymbal's Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 7-12]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-21, 5-6]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Parathyroid Gl			
Note: Parathyroid gland is on slide 2, embedded in tissue of thymus.			
* Skin	Subcut Tiss	Melanoma Malignant	
[Melanoma Malignant TGLS = 6-22]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Angiectasis	Focal, Moderate
		Hepatocellular Adenoma	
[Angiectasis TGLS = 4-22]			
[Hepatocellular Adenoma TGLS = 4-22]			
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 3-7]			
Skeletal Muscle		Lipoma	
Note: TGL 1-21 is a lipoma, with angiectasis of affected tissues.			
[Lipoma TGLS = 1-21]			
* Thyroid Gland		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hyperplasia	Lymphoid, Focal, Mild
[Hepatocellular Adenoma TGLS = 3-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	
[Hyperplasia TGLS = 1-7]			
[Polyp Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver	Hepatocyte	Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 4-23]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 2-21, 3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 7-24]			
* Thyroid Gland		Cyst	Mild
[Cyst TGLS = 5-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 540
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 3-1]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1-1]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Intestine Small, Jejunum		Inflammation	Focal, Mild
* Parathyroid Gland		Cyst	Mild
* Skin	SOA Epidermis	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 293	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-2]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate
	Endometrium	Polyp Stromal	
[Hyperplasia TGLS = 1-7]			
[Inflammation TGLS = 2-7]			
[Polyp Stromal TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Osteosarcoma	
Note: Osteosarcoma is within femur, on slide 9.			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-12]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7, 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
Note: Hapatocellular adenoma (TGL 3-6) is not well defined from adjacent liver tissue.			
[Hepatocellular Adenoma TGLS = 3-6]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
Mesentery		Inflammation	Moderate
	Fat	Necrosis	Focal, Moderate
[Inflammation TGLS = 1-21]			
[Necrosis TGLS = 1-21]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	Oral Mucosa	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Harderian Gland

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Brain		Hemorrhage	Focal, Mild
		Inflammation	Focal, Minimal
		Lymphoma Malignant	
[Hemorrhage TGLS = 7-1]			
[Lymphoma Malignant TGLS = 7-1]			
* Heart		Cardiomyopathy	Moderate
* Liver		Lymphoma Malignant	
		Mineralization	Focal, Moderate
	Hepatocyte	Necrosis	Focal, Marked
[Lymphoma Malignant TGLS = 1-6]			
[Necrosis TGLS = 1-6]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Iliac	Lymphoma Malignant	
Note: Autolysis of bronchial lymph node (TGL 5) precluded diagnosis.			
[Lymphoma Malignant TGLS = 6-22]			
Mesentery	Fat	Necrosis	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 103671

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 4-21]			
* Uterus		Histiocytic Sarcoma	
		Inflammation	Suppurative, Mild
[Histiocytic Sarcoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Liver	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Pancreas	Peripheral Nerve
* Pituitary Gland	Skeletal Muscle	* Stomach, Glandular	* Trachea

MISSING

* Clitoral Gland	* Intestine Large, Cecum

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-1]			
* Eye		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-6, 12-23,UTGL]			
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-7]			
[Lymphoma Malignant TGLS = 7-2]			
[Lymphoma Malignant TGLS = 9-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103672

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 8-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5]			
Mesentery		Lymphoma Malignant	
* Nose		Lymphoma Malignant	
* Ovary		Cyst	Mild
		Lymphoma Malignant	
Note: One ovary is missing.			
* Salivary Glands		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
Spinal Cord		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 11-4]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Moderate
Tissue NOS	Mediastinum	Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Lymphoma Malignant	
[Hyperplasia TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Adren Medulla			
Note: Medulla of one adrenal gland is missing.			
* Intestine Small, Duodenum		Hyperplasia	Lymphoid, Moderate
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 7-21]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-5]			
* Ovary		Angiectasis	Mild
Note: Tissue of one ovary, probably the ovary reported at necropsy to have a small clear cyst, was insufficient for a diagnosis.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
Tooth		Malformation	Moderate
[Malformation TGLS = 8-9]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103673

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Tooth Malformation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 299	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Eye	Iris	Synechia	
Note: ANTERIOR SYNECHIA.			
* Harderian Gland	Epithelium	Hyperplasia	Focal, Mild
* Kidney		Infarct	Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 3-21]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
* Parathyroid Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 300	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Inflammation	Moderate
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-22, 3-23]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery		Inflammation	Moderate
	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 67
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 00-89987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart	Thrombosis	Moderate
* Ovary	Teratoma Benign	
[Teratoma Benign TGLS = 1-7]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]		

PRIMARY CAUSE OF DEATH	- Ovary Teratoma Benign
CONTRIBUTORY CAUSE OF DEATH	- Heart Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adren Medulla			
Note: One adrenal medulla is missing.			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Pituitary Gland		Cyst	Moderate
		Hemorrhage	Moderate
* Skin	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver	Hepatocyte	Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-6, 4-21]			
Mesentery	Fat	Necrosis	Focal, Minimal
* Pituitary Gland	Pars Intermed	Hyperplasia	Focal, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 1-6]			
[Hepatocellular Carcinoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Skin	SOA Dermis	Inflammation	Focal, Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-22]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 687
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 103592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Thymus	

OBSERVATIONS

* Brain		Lymphoma Malignant	
* Clitoral Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
Lymph Node	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-7]			
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-22]			
* Ovary		Cyst	Mild
* Skin		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-21]			
Tissue NOS	Mediastinum	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-23]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild
[Hyperplasia TGLS = 6-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 687
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 103592

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Tissue NOS Mediastinum Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 560
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 98240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Stomach, Glandular			

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
* Adrenal Medulla		Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
		Hyperplasia	Mild
* Eye		Histiocytic Sarcoma	
* Heart		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-6]			
* Lung		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-2]			
Lymph Node	Iliac	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Pancreatic	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-21]			
[Histiocytic Sarcoma TGLS = 8-22]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-5]			
Mesentery		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 560
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 98240

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-6]			
* Stomach, Forestomach		Inflammation	Focal, Mild
[Inflammation TGLS = 5-4]			
* Thymus		Histiocytic Sarcoma	
Tissue NOS	Mediastinum	Histiocytic Sarcoma	
* Urinary Bladder		Histiocytic Sarcoma	
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Mild
[Histiocytic Sarcoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland	Epithelium	Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-2]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-22]			
Skeletal Muscle		Rhabdomyosarcoma	
Note: TGL 1 is embryonal type of rhabdomyosarcoma.			
[Rhabdomyosarcoma TGLS = 1-21]			
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Cyst	Mild
	Renal Tubule	Vacuolization Cytoplasmic	Focal, Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
Mesentery	Fat	Necrosis	Focal, Minimal
* Skin	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Minimal
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

INSUFFICIENT TISSUE

* Gallbladder
* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Thrombosis	Marked
Note: s			
Note: Heart lesion is on slide 2.			
* Kidney		Hydronephrosis	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-21, 4-22]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Ectasia	Moderate
Mesentery	Fat	Necrosis	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Heart Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Eye	Cornea	Hyperplasia	Squamous, Minimal
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Eosinophilic Focus	
		Hyperplasia	Lymphoid, Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-7]			
* Stomach, Forestomach		Erosion	Mild
	Epithelium	Hyperplasia	Mild
[Erosion TGLS = 4-4]			
[Hyperplasia TGLS = 4-4]			
* Thyroid Gland		Cyst	Moderate
	Follicle	Degeneration	Cystic, Focal, Minimal
	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7, 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Eye			
Note: Lens of one eye is missing.			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]			
* Ovary		Angiectasis	Marked
		Thrombosis	Marked
[Angiectasis TGLS = 3-7]			
[Thrombosis TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 4-23]			
[Hepatocellular Adenoma TGLS = 3-22, 5-24]			
Mesentery		Hemorrhage	Moderate
	Fat	Necrosis	Focal, Moderate
[Hemorrhage TGLS = 2-21]			
[Necrosis TGLS = 2-21]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Clitoral Gland	* Heart	* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Spleen		Atrophy	Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate
Note: Foreign matter in inflammatory exudate of peridontal tissue suggests that inflammation arose as foreign body reaction.			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 584
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 98668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Intestine Large, Rectum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			
AUTO PRECLUDES DIAG.			
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Stomach, Glandular			
INSUFFICIENT TISSUE			
* Ovary	* Thymus		
OBSERVATIONS			
* Bone Marrow		Histiocytic Sarcoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-6]			
* Lung		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-6]			
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Mild
[Histiocytic Sarcoma TGLS = 1-21]			
PRIMARY CAUSE OF DEATH	- Uterus Histiocytic Sarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 20 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 4-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 5-24]			
Lymph Node	Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Iliac	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 7-23]			
[Hyperplasia TGLS = 6-22]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
[Hepatocellular Adenoma TGLS = 4-22]			
* Lymph Node, Mesenteric		Ectasia	Marked
[Ectasia TGLS = 1-21]			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	Endometrium	Polyp Stromal	
[Hyperplasia TGLS = 3-7]			
[Polyp Stromal TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Liver	Hepatocyte	Basophilic Focus	
	Hepatocyte	Eosinophilic Focus	
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-12]			
* Liver	Hepatocyte	Eosinophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = UTGL]			
[Hepatocellular Adenoma TGLS = 4-23]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Skin		Basosquamous Tumor Benign	
Note: TGL 3 is diagnosed as squamous cell papilloma that was sectioned inappropriately in plane parallel to surface of skin.			
[Basosquamous Tumor Benign TGLS = 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Duodenum		Perforation	Moderate
[Perforation TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Skin	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gl			
Note: Mild focal dilatation of Harderian gland is present, but is not an available diagnostic term in LDAS menu of terms.			
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 5-22]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 6-23]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-21, 7-24]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103606

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
		Necrosis	Focal, Mild
[Lymphoma Malignant TGLS = 2-6+UTGL]			
[Necrosis TGLS = UTGL]			
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Ovary		Cyst	Moderate
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 3-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Cortex	* Adrenal Medulla

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 7-12]			
* Lung		Sarcoma Stromal	Metastatic (Uterus)
Note: Lesion of metastatic endometrial stromal sarcoma in lung is very small, about 0.4mm in greatest diameter.			
Lymph Node	Iliac	Ectasia	Moderate
	Renal	Hyperplasia	Lymphoid, Moderate
[Ectasia TGLS = 6-23]			
[Hyperplasia TGLS = 5-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 4-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-6]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate
	Endometrium	Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103608

ORGAN AND ACCOUNTABLE SITE STATUS

	Endometrium	Sarcoma Stromal
[Hyperplasia TGLS = 1-7]		
[Inflammation TGLS = 2-7]		
[Polyp Stromal TGLS = 2-7]		
[Sarcoma Stromal TGLS = 2-7]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Infarct	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Skin	Control Dermis	Inflammation	Focal, Mild
Note: Inflammation involves skin of inguinal region; not site of application of solution of DIC.			
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Mild
[Hepatocellular Adenoma TGLS = 5-6, 6-6]			
[Hepatocellular Carcinoma TGLS = 7-21]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 8-22]			
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA Epidermis	Hyperplasia	Minimal
	SOA Dermis	Inflammation	Focal, Minimal
* Spleen		Accessory Spleen	
		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Marked
[Accessory Spleen TGLS = 4-7]			
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Hyperplasia TGLS = 3-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103610

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-7]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = UTGLdup1]			
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 15
	DOSE: 20 MG/KG	**DISP:** Accidentally Killed	**HISTO:** 00-88937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Kidney	Lacrimal Gland	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Uterus
AUTO PRECLUDES DIAG.			
* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Glandular	* Urinary Bladder	
OBSERVATIONS			
* Lung		Congestion	Moderate
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 2-21]			
* Skin	SOA Epidermis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Mixed Cell Focus	
[Eosinophilic Focus TGLS = 1-6]			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Hyperplasia	Lymphoid, Focal, Mild
* Lymph Node, Mesenteric		Ectasia	Marked
[Ectasia TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 8-12]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 7-23]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Renal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-22]			
* Ovary		Cyst	Marked
[Cyst TGLS = 3-7]			
* Skin	SOA Epidermis	Hyperplasia	Minimal
	SOA Dermis	Inflammation	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 614
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 103617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Eye		Atrophy	Marked
		Carcinoma	Metastatic (Harderian Gland)
[Atrophy TGLS = 3-44]			
[Carcinoma TGLS = 3-44]			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 4-21]			
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Lymph Node, Mandibular		Carcinoma	Metastatic (Harderian Gland)
Note: Metastatic lesion of Harderian gland carcinoma is on slide 8.1.			
* Nose	Nasolacrim Dct	Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

Animal Note: This is a case of metastatic Harderian gland carcinoma, rarely seen, with lesion s in lung and mandibular lymph node.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 579
	DOSE: 20 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Cyst	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	Endometrium	Polyp Stromal	
[Hyperplasia TGLS = 1-7]			
[Polyp Stromal TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart	Epicardium	Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-22, 4-6, UTGL]			
* Lung	Serosa	Lymphoma Malignant	
* Pituitary Gland	Pars Intermed	Adenoma	
* Skin	Subcut Tiss	Melanoma Malignant	
[Melanoma Malignant TGLS = 1-21]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-23]			
Tissue NOS	Mediastinum	Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 417
	DOSE: 20 MG/KG	**DISP:** Natural Death	**HISTO:** 96063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	

OBSERVATIONS

* Heart	Artery	Inflammation	Chronic, Moderate
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 2-21]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	
[Hyperplasia TGLS = 1-7]			
[Polyp Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Lymph Node	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-7]			
Mesentery		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-6, UTGLa,b]			
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Skin	SOA Epidermis	Hyperplasia	Minimal
	SOA Dermis	Inflammation	Focal, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate
[Hyperplasia TGLS = 2-7]			
[Inflammation TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Ectasia	Mild
		Hyperplasia	Lymphoid, Moderate
[Ectasia TGLS = 4-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Stomach, Forestomach		Erosion	Minimal
	Epithelium	Hyperplasia	Mild
[Erosion TGLS = 6-4]			
[Hyperplasia TGLS = 6-4]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7, 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 4-12]			
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Eosinophilic Focus	
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21]			
* Ovary	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-7]			
* Thyroid Gland		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Mild
[Cyst TGLS = 5-5]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 6-6, 6-22]			
Lymph Node	Pancreatic	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Skin		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Stomach, Forestomach		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 7-4]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-24]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-21, 2-22, 3-23]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 20 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone		Hyperostosis	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 1-2]			
* Nose		Inflammation	Mild
* Ovary		Cyst	Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
Note: Cortex of one adrenal gland has a large cyst, which was diagnosed as cystic degeneration, because cyst is not a term available in the LDAS dictionary.			
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 2-6, 3-21, 4-22]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 20 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Minimal
* Lung		Carcinoma	Metastatic (Mammary Gland)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 4-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Forestomach		Diverticulum	Minimal
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Adenoma	
		Carcinoma	
Note: Left Harderian gland has small carcinoma within the adenoma.			
[Adenoma TGLS = 7-12]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Mild
[Hepatocellular Adenoma TGLS = 4-21]			
[Hepatocellular Carcinoma TGLS = 5-22]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Hyperplasia TGLS = 3-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 20 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Esophagus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Eye		Atrophy	Marked
		Phthisis Bulbi	
	Retrobulbar	Sarcoma	
[Atrophy TGLS = 7-24]			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-23]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-22]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Skin	SOA	Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-65]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	Tissue NOS	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 6-22, 7-6, 8-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 10-2]			
Lymph Node	Iliac	Ectasia	Moderate
	Iliac	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Ectasia TGLS = 12-23]			
[Hyperplasia TGLS = 9-2]			
[Hyperplasia TGLS = 12-23]			
Mesentery	Fat	Necrosis	Focal, Minimal
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	Moderate
		Inflammation	Suppurative, Marked
[Cyst TGLS = 2-7]			
[Inflammation TGLS = 2-7, 3-7]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103345

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 105
	DOSE: 40 MG/KG	**DISP:** Accidentally Killed	**HISTO:** 00-90406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Lung	Congestion	Mild
	Foreign Body	Minimal
Note: Presence of foreign matter in congested area of lung is consistent with drowning as the cause of death.		
[Congestion TGLS = 2-2]		
* Stomach, Glandular	Erosion	Minimal
[Erosion TGLS = 3-21]		

PRIMARY CAUSE OF DEATH	- Lung	Foreign Body
CONTRIBUTORY CAUSE OF DEATH	- Lung	Congestion

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 481
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 96062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla	* Mammary Gland

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* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

Tissue NOS	Mediastinum	Inflammation	Suppurative, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild
[Hyperplasia TGLS = 1-7]			
[Inflammation TGLS = 1-7]			

PRIMARY CAUSE OF DEATH	- Uterus Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Tissue NOS Mediastinum Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Polymorphnuclr, Moderate
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-2]			
* Ovary	Bilateral	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-7]			
* Skin	SOA Epidermis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Cortex			
Note: Adrenal cortex marked N to enable flagging animal complete. Cyst is present, but cyst not available term for adrenal cortex in LDAS menu of terms.			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-4]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 669
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 103432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum

OBSERVATIONS

* Heart		Hepatocholangiocarcinoma	Metastatic (Liver)
* Liver		Hepatocholangiocarcinoma	Multiple
[Hepatocholangiocarcinoma TGLS = 1-21, 2-22]			
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 5-2]			
* Spleen		Hematopoietic Cell Proliferation	Marked
Tissue NOS	Mediastinum	Hepatocholangiocarcinoma	Metastatic (Liver)
	Thoracic	Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 3-2]			
[Hepatocholangiocarcinoma TGLS = 6-23, 7-24]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 8-7]			

PRIMARY CAUSE OF DEATH - Liver Hepatocholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
	Hepatocyte	Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 6-6]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-22]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-21]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-2]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Thrombosis	Moderate
[Hyperplasia TGLS = 2-7]			
[Thrombosis TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
Note: Adrenal cortex has cyst. Cyst not available term in LDAS menu of terms.			
* Harderian Gland		Adenoma	
* Pituitary Gland		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Mild
Note: Nephropathy is on slide 5.1			
* Liver		Infiltration Cellular	Mixed Cell, Minimal
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-21]			
* Ovary		Cyst	Moderate
		Cystadenoma	
[Cyst TGLS = 1-7]			
[Cystadenoma TGLS = 1-7]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 551
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone	Cranium	Osteosarcoma	
[Osteosarcoma TGLS = 4-1-1, 4-1-2]			
* Brain		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 4-1-2]			
* Intestine Large, Cecum		Edema	Moderate
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Marked
Mesentery	Fat	Necrosis	Focal, Minimal
* Ovary			
Note: Tissue of one ovary is insufficient.			
* Skin	SOA Epidermis	Hyperplasia	Minimal
Note: SKIN, NON-APPLICATION SITE MISSING.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Focal, Moderate
		Ulcer	Moderate
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Bone Cranium Osteosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 551
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98221

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Brain Osteosarcoma Bone

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Pancreas	Acinus	Atrophy	Focal, Marked
	Duct	Cyst	Focal, Multiple, Marked
[Atrophy TGLS = 2-7]			
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 2-21, 3-22]			
* Ovary		Cyst	Marked
[Cyst TGLS = 1-7]			
* Thyroid Gland		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Hyperostosis	Moderate
Note: Lesion is typical fibro-osseous lesion (FOL), diagnosed routinely in this study as hyperostosis, a component of FOL. FOL is not available term in LDAS menu.			
* Kidney		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 2-3]			
Tooth		Malformation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver	Hepatocyte	Basophilic Focus	
	Hepatocyte	Mixed Cell Focus	
Lymph Node	Iliac	Ectasia	Moderate
[Ectasia TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7, 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 604
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 98763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Harderian Gland	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

INSUFFICIENT TISSUE

* Gallbladder	* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Brain		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 13-23, 14-24]			
* Eye		Histiocytic Sarcoma	
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 9-6, 10-6]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-8]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
* Nose		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 14-24]			
* Ovary		Histiocytic Sarcoma	
* Skin	Subcut Tiss	Edema	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 604
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 98763

ORGAN AND ACCOUNTABLE SITE STATUS

[Edema TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 7-6]			
Tooth	Peridont Tiss	Histiocytic Sarcoma	Metastatic (Nose)
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	- Liver Histiocytic Sarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 8-12]			
* Liver		Infiltration Cellular	Mixed Cell, Minimal
		Lymphoma Malignant	
	Hepatocyte	Mixed Cell Focus	
[Mixed Cell Focus TGLS = 5-21]			
Lymph Node	Iliac	Ectasia	Mild
[Ectasia TGLS = 7-22]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-8]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6]			
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7, 2-7, 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103438

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Salivary Glands

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-6, 3-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-2]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	Mild
* Skin	SOA Dermis	Fibrosis	Minimal
	SOA Epidermis	Hyperplasia	Minimal
* Stomach, Forestomach		Diverticulum	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Lymphoma Malignant	
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-6]			
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary			
Note: One ovary is missing.			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 4-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 7-1]			
* Kidney		Nephropathy	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Mixed Cell Focus	
[Mixed Cell Focus TGLS = 3-21]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-2]			
[Hyperplasia TGLS = 5-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-6]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Hyperostosis	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Marked
[Cyst TGLS = 2-7]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-21]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7, 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Small, Jejunum	Epithelium	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 6-24]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Carcinoma TGLS = 5-6, 5-23]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-21]			
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Hemangiosarcoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hemangiosarcoma TGLS = 6-22]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 7-2]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
Mesentery		Hemangiosarcoma	Metastatic (Liver)
	Fat	Necrosis	Focal, Mild
[Hemangiosarcoma TGLS = 6-22, 6-10]			
[Necrosis TGLS = 5-21]			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-1]			
* Skin	SOA Epidermis	Hyperplasia	Minimal
	SOA Dermis	Inflammation	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103444

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 3-7]	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Moderate
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 103446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Bone Marrow	* Eye	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Ovary		

OBSERVATIONS

* Adren Cortex

Note: Serosa of adrenal cortex has lesions of liposarcoma, diagnosed as affecting mesentery.

* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	

[Hepatocellular Adenoma TGLS = 8-6]
[Hepatocellular Carcinoma TGLS = 8-24]

* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	

Note: Lymph node for TGL 3-21 is the axillary lymph node, a site not available in LDAS menu of terms.

[Lymphoma Malignant TGLS = 9-25]
[Lymphoma Malignant TGLS = 11-2]
[Lymphoma Malignant TGLS = 1-8]
[Lymphoma Malignant TGLS = 10-26]
[Lymphoma Malignant TGLS = 3-21]

* Lymph Node, Mandibular		Lymphoma Malignant

[Lymphoma Malignant TGLS = 2-8]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 40 MG/KG	**DISP:** Natural Death	**HISTO:** 103446

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Liposarcoma	
		Lymphoma Malignant	
[Liposarcoma TGLS = 5-6, 5-22, 7-23]			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 6-6]			
[Lymphoma Malignant TGLS = 6-6]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Mesentery Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Ovary		Cyst	Moderate
		Cystadenoma	
[Cystadenoma TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
	Follicular Cel	Hyperplasia	Focal, Mild
Tissue NOS	Mediastinum	Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
Mesentery		Inflammation	Mild
	Fat	Necrosis	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
* Lymph Node, Mesenteric		Ectasia	Moderate
		Hyperplasia	Lymphoid, Moderate
[Ectasia TGLS = 4-21]			
* Skin	Control Dermis	Hyperplasia	Focal, Minimal
	Control Dermis	Inflammation	Focal, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7, 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Mild
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 3-22]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Cyst	Mild
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Minimal
[Clear Cell Focus TGLS = 4-22]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Histiocytic, Moderate
Note: Almost all proliferative histiocytes in pulmonary alveoli contain intensely eosinophilic matter believed to be degraded erythrocytes from prior hemorrhage.			
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]			
[Hyperplasia TGLS = 5-2, 7-2]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-21]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7, 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Carcinoma TGLS = 7-21]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
[Hemorrhage TGLS = 6-5]			
Mesentery	Fat	Necrosis	Focal, Mild
* Skin	Control Epider	Hyperplasia	Focal, Minimal
	SOA Epidermis	Hyperplasia	Mild
	SOA Dermis	Inflammation	Focal, Mild
[Hyperplasia TGLS = 1-65]			
[Inflammation TGLS = 1-65]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
	Follicular Cel	Vacuolization Cytoplasmic	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103452

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 3-22]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 1-21]			
Mesentery	Artery	Inflammation	Mild
Note: Artery showing inflammation is on slide 4.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Mild
* Ovary		Angiectasis	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus		Adenoma	
	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Medulla			
Note: Medulla of one adrenal gland is missing.			
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]			
* Ovary		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 2-7]			
* Parathyroid Gland		Cyst	Mild
Note: Cyst is lined by ciliated epithelium and is likely an embryonal rest.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 6-24, 7-23]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 5-22]			
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 8-1]			
* Skin	Subcut Tiss	Hemangioma	
	SOA Epidermis	Hyperplasia	Mild
	SOA, Subcut Tiss	Melanoma Benign	
[Hemangioma TGLS = 2-21]			
[Melanoma Benign TGLS = 1-65]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7, 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-6]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 8-22]			
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-7]			
[Lymphoma Malignant TGLS = 7-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 6-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Infarct	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 2-21]			
* Pituitary Gland		Angiectasis	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Clitoral Gland	* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 619
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 8-12]			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Hydronephrosis	Moderate
[Hydronephrosis TGLS = 5-5, 6-5]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 10-22]			
Mesentery		Histiocytic Sarcoma	
	Fat	Necrosis	Focal, Moderate
[Histiocytic Sarcoma TGLS = 3-21]			
[Necrosis TGLS = 3-21]			
* Ovary		Cyst	Mild
[Cyst TGLS = 12-7]			
* Spleen		Histiocytic Sarcoma	
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 11-4]			
Ureter		Histiocytic Sarcoma	
* Urinary Bladder		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-8]			
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 619
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 103463

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 7-7]		
[Hyperplasia TGLS = 1-7]		
Vagina		Histiocytic Sarcoma
[Histiocytic Sarcoma TGLS = 4-23]		

PRIMARY CAUSE OF DEATH - Uterus Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 528
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 97758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	Skeletal Muscle	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Necrosis	Focal, Moderate
* Skin	SOA Epidermis	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-21]			
* Thyroid Gland	Follicle	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 40 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 103465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Skin	Subcut Tiss	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-8]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 582
	DOSE: 40 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 98667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-21]			
* Liver	Hepatocyte	Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Mixed Cell Focus TGLS = 3-6]			
Mesentery	Fat	Necrosis	Focal, Minimal
* Ovary		Cyst	Mild
Note: One ovary is missing.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE