C Number:	C96007D
Lock Date:	01/09/2001
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Female
PWG Approval Date	10/17/2002

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000001

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 391
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
Eye	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 7-14]			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum	Serosa	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-5]			
* Liver	Bile Duct	Fibrosis	Minimal
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 8-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 1-9]			
Mesentery		Inflammation	Chronic Active, Marked
Note: TGL 3, which was thought to be enlarged lymph nodes, microscopically were foci of inflammation. The inflammation affected the entire mesentery not arteries.			
[Inflammation TGLS = 3,4-6+12]			
* Nose	Respirat Epith	Hyperplasia	Mild
	Nasopharyn Dct	Inflammation	Suppurative, Marked
	Olfactory Epi	Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 391
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000002

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Respiratory epithelial metaplasia of the olfactory epithelium occurred in areas of inflammation.		
* Ovary	Atrophy	Marked
* Pancreas	Inflammation	Chronic Active, Moderate
Skeletal Muscle	Inflammation	Chronic Active, Moderate
Note: The lesion affected the diaphragm.		
[Inflammation TGLS = 6-11]		
* Spleen	Pigmentation	Mild
* Stomach, Forestomach	Hyperplasia	Squamous, Minimal
* Thymus	Atrophy	Marked
* Urinary Bladder	Inflammation	Minimal
* Uterus	Inflammation	Suppurative, Mild
	Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH - Mesentery Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Kidney		Nephropathy	Mild
* Liver		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
[Infiltration Cellular TGLS = 5-3+4]			
* Mammary Gland		Carcinoma	
		Cyst	Mild
		Fibroadenoma	Multiple
		Hyperplasia	Minimal
		Inflammation	Granulomatous, Mild
[Carcinoma TGLS = 2-12]			
[Fibroadenoma TGLS = 1,3-11+13]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000003

ORGAN AND ACCOUNTABLE SITE STATUS

Oviduct		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH	- Mammary Gland	Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma;Pituitary Gland	Pars Distalis	Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 531
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: Findings consistent with cataract occurred in the eyes of rats with autolysis. This was considered a postmortem artifact and not recorded in autolytic rats.			
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,3-11+12]			
* Ovary		Atrophy	Marked
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 496
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Note: One clitoral gland missing.			
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 496
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000005

ORGAN AND ACCOUNTABLE SITE STATUS

Note: One horn of the uterus was distended with exudate.
[Inflammation TGLS = 2-10]

PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	Vagina

OBSERVATIONS

* Liver	Inflammation	Minimal
* Ovary	Atrophy	Marked
* Spleen	Pigmentation	Mild
* Uterus	Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	Vagina

OBSERVATIONS

* Liver		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Uterus
Vagina			

OBSERVATIONS

* Liver	Inflammation	Minimal
* Ovary	Atrophy	Marked
* Spleen	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Islets, Pancreatic	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Uterus
Vagina			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Liver	Inflammation	Mild
* Spleen	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Islets, Pancreatic	* Liver	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Uterus	Vagina		

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Spleen	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Minimal
		Eosinophilic Focus	Multiple
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Cyst TGLS = 1-14]			
* Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
Note: Left lung frozen for NTP.			
* Mammary Gland		Hyperplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas	Acinus	Atrophy	Mild
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000011

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	Eye
Harderian Gland	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Necrosis	Mild
Blood Vessel	Aorta	Mineralization	Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain		Astrocytoma Malignant	
* Clitoral Gland	Duct	Cyst	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Mineralization	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Glandular		Erosion	Mild
		Mineralization	Mild
* Thymus		Atrophy	Marked
* Uterus		Metaplasia	Squamous, Minimal
Vagina		Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000012

ORGAN AND ACCOUNTABLE SITE STATUS

Note: A PAS stain revealed PAS positive granules in the cytoplasm of a few cells.
[Sarcoma TGLS = 1-11]

PRIMARY CAUSE OF DEATH	- Brain Astrocytoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Vagina Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 574
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
[Cyst TGLS = 2-10]			
Eye			
Note: One optic nerve missing.			
* Kidney	Pelvis	Dilatation	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
[Dilatation TGLS = 4-5]			
[Inflammation TGLS = 3,5-5]			
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 574
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000013

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 6-6]			
* Thymus		Atrophy	Mild
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Mild
* Uterus		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Kidney	Transit Epithe	Hyperplasia	Moderate
	Pelvis	Inflammation	Suppurative, Minimal
		Mineralization	Minimal
* Liver		Inflammation	Minimal
		Necrosis	Mild
Note: The necrosis was centrilobular.			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 1-9]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-11]			
* Ovary		Atrophy	Marked
Note: One ovary missing.			
* Pituitary Gland	Pars Intermed	Adenoma	
		Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000014

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 3-8]		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal
* Thymus	Atrophy	Moderate
* Uterus	Inflammation	Suppurative, Moderate
	Metaplasia	Squamous, Minimal
Note: One uterine horn was filled with a suppurative exudate.		
[Inflammation TGLS = 4-10]		

PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung		Inflammation	Granulomatous, Mild
Note: The inflammatory reaction was granulomatous and sometimes contained a foreign material.			
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	
		Hyperplasia	Minimal
Note: Two tumors, TGL 1 & 3, appeared to be fibroadenomas with carcinomatous areas and therefore were classified as carcinomas.			
[Carcinoma TGLS = 1,3-13+14]			
[Fibroadenoma TGLS = 2-15]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas	Acinus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000015

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 4-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Uterus	Vagina	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Islets, Pancreatic	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Uterus
Vagina			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Liver	Inflammation	Minimal
* Spleen	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Uterus
Vagina			

OBSERVATIONS

* Liver	Inflammation	Mild
* Pituitary Gland	Cyst	Minimal
* Spleen	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Uterus	Vagina		

OBSERVATIONS

* Liver	Inflammation	Mild
* Spleen	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Islets, Pancreatic	* Lung	* Mammary Gland
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Uterus	Vagina

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Liver	Inflammation	Mild
* Ovary	Atrophy	Moderate
* Spleen	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 496
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Kidney		Mineralization	Minimal
* Liver	Hepatocyte	Degeneration	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 519
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
		Inflammation	Minimal
Note: The gross finding (TGL 1) was an artifact.			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Cyst	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 4-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 1-11]			
[Fibroadenoma TGLS = 6-12]			
* Ovary		Atrophy	Marked
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000023

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 5-8]			
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 2-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
[Hematopoietic Cell Proliferation TGLS = 3-5]			
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
		Ulcer	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
Tooth	Peridont Tiss	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 7-14]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000024

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild
		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000025

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Uterus
Vagina			

OBSERVATIONS

* Liver	Inflammation	Minimal
* Ovary	Atrophy	Moderate
* Spleen	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	Vagina	

OBSERVATIONS

* Liver	Inflammation	Minimal
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Ovary	Atrophy	Marked
* Spleen	Pigmentation	Mild
* Uterus	Inflammation	Suppurative, Minimal
	Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	Vagina	

OBSERVATIONS

* Liver	Inflammation	Minimal
* Ovary	Atrophy	Marked
* Spleen	Pigmentation	Mild
* Thymus	Atrophy	Minimal
* Uterus	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Liver
* Lung	* Mammary Gland	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	Vagina

OBSERVATIONS

* Ovary	Atrophy	Marked
* Spleen	Pigmentation	Mild
* Thymus	Atrophy	Minimal
* Uterus	Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Islets, Pancreatic	* Liver	* Mammary Gland
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Uterus	Vagina

OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Minimal
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Ovary	Atrophy	Marked
* Spleen	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Uterus	Vagina		

OBSERVATIONS

* Liver	Inflammation	Minimal
* Spleen	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Islets, Pancreatic	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Uterus
Vagina			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Liver	Inflammation	Minimal
* Spleen	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Uterus	Vagina		

OBSERVATIONS

* Liver		Inflammation	Minimal
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Uterus
Vagina			

OBSERVATIONS

* Liver	Inflammation	Minimal
* Lung	Hemorrhage	Mild
* Spleen	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Uterus	Vagina		

OBSERVATIONS

* Liver	Inflammation	Minimal
* Spleen	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000036

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 583
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
Eye	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

MISSING

* Intestine Large, Rectum	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Minimal
		Thrombosis	Mild
* Intestine Small, Duodenum		Erosion	Mild
* Kidney	Pelvis	Dilatation	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
[Dilatation TGLS = 5-5]			
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
		Cyst	Mild
Note: One ovary missing.			
[Cyst TGLS = 4-10]			
* Skin		Cyst	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 583
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000037

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Bilateral, C Cell	Adenoma	
* Uterus			
Note: One uterine horn missing.			
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	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	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Esophagus	Muscularis	Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Casts Protein	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Eosinophilic Focus TGLS = 6,8-6+11]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 7-4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3,4-12+13+14+15]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000038

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Granulomatous, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung			
Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 3-9]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000039

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-10l]			
Eye			
Note: One optic nerve missing.			
* Kidney		Hemangiosarcoma	
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 2-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000040

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus			Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Islets, Pancreatic	* Lung	* Mammary Gland
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
Vagina			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	Vagina		

OBSERVATIONS

* Liver		Inflammation	Mild
		Necrosis	Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Islets, Pancreatic	* Lung	* Mammary Gland
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	Vagina		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Minimal
* Uterus		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Islets, Pancreatic	* Lung	* Mammary Gland
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	Vagina		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Pancreas
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
Vagina			

OBSERVATIONS

* Liver	Inflammation	Minimal
	Mixed Cell Focus	
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland	Galactocele	Minimal
* Ovary	Atrophy	Marked
* Spleen	Pigmentation	Minimal
* Thymus	Atrophy	Mild
* Uterus	Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000046

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Stomach, Forestomach	* Stomach, Glandular	Vagina
OBSERVATIONS			
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Moderate
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Islets, Pancreatic	* Lung	* Mammary Gland
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	Vagina		

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Liver	Inflammation	Minimal
* Ovary	Atrophy	Marked
* Spleen	Pigmentation	Minimal
* Thymus	Atrophy	Mild
* Uterus	Metaplasia	Squamous, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000049

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
Vagina			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Liver	Inflammation	Minimal
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Ovary	Atrophy	Marked
* Spleen	Pigmentation	Minimal
* Thymus	Atrophy	Mild
* Uterus	Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
[Cyst TGLS = 3-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000051

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 644
	DOSE: 0 NG/KG	**DISP:** Accidentally Killed	**HISTO:** 2000052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	* Skin
Spinal Cord	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adren Medulla			
Note: One medulla is missing.			
* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 2-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Inflammation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Marked
[Adenoma TGLS = 3-8]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Edema	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 644
	DOSE: 0 NG/KG	**DISP:** Accidentally Killed	**HISTO:** 2000052

ORGAN AND ACCOUNTABLE SITE STATUS

		Ulcer	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: The cause of death was trauma.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Mild
		Mixed Cell Focus	Multiple
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 8-4]			
* Mammary Gland		Cyst	Mild
		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Cyst TGLS = 5-15]			
[Fibroadenoma TGLS = 1,2,3,4,6,9-11+12+13+14+16+18]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000053

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Moderate
		Polyp Stromal	

Note: There was squamous metaplasia of the uterus and the lumen was dilated with a squamous-like material and inflammatory cells.
[Metaplasia TGLS = 7-17]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000054

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000055

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000056

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 176
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Pancreas * Thyroid Gland

OBSERVATIONS

* Adren Cortex			
Note: One adrenal was missing.			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
Eye			
Note: One optic nerve missimg			
* Kidney		Nephroblastoma	
		Nephropathy	Minimal
[Nephroblastoma TGLS = 2-11+12+13]			
* Liver		Inflammation	Mild
		Necrosis	Moderate
Lymph Node	Renal	Nephroblastoma	Metastatic (Kidney)
Note: Slide 8 contained a lymph node, probably a renal node, to which the nephroblastoma had metastasized.			

PRIMARY CAUSE OF DEATH - Kidney Nephroblastoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Brain		Astrocytoma Malignant	
Eye			
Note: One optic nerve missing.			
* Kidney		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 2-4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 3-8]			
* Salivary Glands		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000058

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* 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
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
Blood Vessel	Aorta	Mineralization	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Minimal
	Epicardium	Inflammation	Suppurative, Mild
* Kidney		Mineralization	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Serosa	Inflammation	Suppurative, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,3-11+12]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Uterus		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Moderate

Note: Lumen of uterus filled with a keratin-material and a suppurative exudate.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000059

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-10]		
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000060

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000061

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 222
	DOSE: 0 NG/KG	**DISP:** Dosing Accident	**HISTO:** 2000062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
Note: One clitoral gland missing.			
Eye			
Note: One optic nerve missing.			
* Kidney		Nephropathy	Minimal
* Lung		Congestion	Moderate
		Infiltration Cellular	Histiocyte, Mild
[Congestion TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 1-11]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Minimal
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-3]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 201
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain		Hydrocephalus	Minimal
		Oligodendroglioma Malignant	
[Hydrocephalus TGLS = 2-9]			
[Oligodendroglioma Malignant TGLS = 1-9]			
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Minimal
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Mineralization	Mild
Note: The mineralization in the stomach was a single focus.			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Brain Oligodendroglioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 546
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Moderate
Eye			
Note: One optic nerve missing.			
* Liver		Eosinophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2,3-11+12+13]			
* Ovary		Atrophy	Marked
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Clitoral Gland		Inflammation	Mild
* Kidney		Casts Protein	Mild
		Mineralization	Minimal
* Liver		Basophilic Focus	Multiple
	Bile Duct	Fibrosis	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Cyst	Moderate
		Fibroadenoma	Multiple
		Hyperplasia	Minimal
		Inflammation	Chronic Active, Moderate
[Cyst TGLS = 1-13]			
[Fibroadenoma TGLS = 2,3-14+15]			
[Inflammation TGLS = 1-13]			
* Ovary		Atrophy	Marked
Note: One ovary missing.			
* Pancreas	Acinus	Atrophy	Mild
		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000065

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Mixed Cell Focus	Multiple
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000066

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Note: One clitoral gland missing.			
Eye			
Note: One optic nerve missing.			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 3-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Cyst	Mild
		Hyperplasia	Moderate
		Inflammation	Granulomatous, Mild
[Cyst TGLS = 1-13]			
[Hyperplasia TGLS = 1-13]			
[Inflammation TGLS = 1-13]			
* Nose	Turbinate	Inflammation	Suppurative, Mild
Oral Mucosa	Gingival	Hyperplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000067

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-12]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 2-10]			
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
[Inflammation TGLS = 5-12]			
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000068

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Liver		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
		Necrosis	Mild
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2,3,4-11+12+13+14]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000069

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Inflammation	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Mixed Cell Focus TGLS = 1-7]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Adenoma	
[Adenoma TGLS = 3-14]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000070

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 343
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Liver		Fatty Change	Diffuse, Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11,12]			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 354
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Liver	Hepatocyte	Degeneration	Moderate
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11+12]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Casts Protein	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
* Liver	Bile Duct	Cyst	Mild
	Bile Duct	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-20]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000073

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-8]			
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
		Polyp Stromal	
[Polyp Stromal TGLS = 2-19]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 201
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Rectum	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Eye			
Note: Both optic nerves missing.			
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 309
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11+12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Trachea		Inflammation	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000076

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Nose	Turbinate	Inflammation	Suppurative, Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000077

ORGAN AND ACCOUNTABLE SITE STATUS

			Metaplasia	Squamous, Minimal

Note: One lumen of one uterine horn was dilated.

PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* Lymph Node, Mandibular	* Nose	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Mild
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 3,4-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000078

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000079

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000080

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000081

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000082

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 6-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	Multiple
	Bile Duct	Fibrosis	Minimal
		Hepatocellular Adenoma	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Hepatocellular Adenoma TGLS = 4-15]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-4]			
* Mammary Gland		Adenoma	
		Carcinoma	
		Fibroadenoma	Multiple
		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000083

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 1-16]			
[Fibroadenoma TGLS = 2,3-17+18]			
* Nose	Respirat Epith	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin		Fibroma	
[Fibroma TGLS = 7-19]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-8]			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 2-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Granulomatous, Mild
[Infiltration Cellular TGLS = 4-3+4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000084

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
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	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mesenteric		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 7-16]			
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 3,4-17+18]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 2-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000085

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
[Adenoma TGLS = 6-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	Lymph Node	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	Multiple

Note: TGL 4 was a nodule of normal appearing liver attached to the diaphragm and was diagnosed as a Hdn.
[Hepatodiaphragmatic Nodule TGLS = 4-13]
[Mixed Cell Focus TGLS = 5,6-6+7]

* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node			

Note: There was no microscopic correlate for the mediastinal lymph node that appeared enlarged and red at necropsy.

* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 8-13]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-11+12+13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000086

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 321
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	Eye
* 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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Mineralization	Mild
Note: The mineralization was focal and occurred in an area of fibrosis.			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Kidney	Pelvis	Inflammation	Suppurative, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
Note: There was extramedullary hematopoiesis in the liver.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
[Hematopoietic Cell Proliferation TGLS = 3-5]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000088

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Urinary Bladder		Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 611
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 1-10]			
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Granulomatous, Minimal
[Infiltration Cellular TGLS = 4-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 2,3-11+12]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 611
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000089

ORGAN AND ACCOUNTABLE SITE STATUS

			Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Casts Protein	Minimal
		Mineralization	Minimal
* Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	Multiple
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Metaplasia	Squamous, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Dermis	Inflammation	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000090

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Polyp Stromal	

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 405
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Eye

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: Only one lens was present.			
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Minimal
		Necrosis	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-3]			
* Mammary Gland		Cyst	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 405
	DOSE: 0 NG/KG	**DISP:** Natural Death	**HISTO:** 2000091

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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, Mesenteric	* Nose	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
[Cyst TGLS = 3-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000092

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-13]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Minimal
* Spleen		Pigmentation	Minimal
Tooth	Peridont Tiss	Inflammation	Chronic Active, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Mild
		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
[Cyst TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 6-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Lymph Node, Mesenteric		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000093

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 2,3-12+13]			
[Hyperplasia TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 5-8]			
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* 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	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 3-13]			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Mild
		Inflammation	Minimal
* Lung		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 4,5,6,7-3+4+12]			
* Lymph Node, Mandibular		Osteosarcoma	Metastatic (Bone)
Note: The osteosarcoma appeared to have infiltrated the mandibular lymph node.			
[Osteosarcoma TGLS = 2-9]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Nose		Osteosarcoma	Metastatic (Bone)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000094

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Moderate
		Cyst	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
		Inflammation	Acute, Minimal
* Thymus		Atrophy	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
PRIMARY CAUSE OF DEATH	- Bone Osteosarcoma		
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 547
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Moderate
[Inflammation TGLS = 3-10]			
* Esophagus	Muscularis	Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver		Mixed Cell Focus	Multiple
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 4-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 400
	DOSE: 0 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Minimal
* Lung		Carcinoma	Metastatic (Mammary Gland)
[Carcinoma TGLS = 2-4+12+13+14]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
		Carcinoma	Metastatic (Mammary Gland)

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 0 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000097

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 126
	DOSE: 0 NG/KG	**DISP:** Dosing Accident	**HISTO:** 2000098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-10]			
Eye			
Note: One optic nerve missing.			
* Heart		Degeneration	Mild
	Epicardium	Inflammation	Suppurative, Mild
[Inflammation TGLS = 4-7]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Mild
* Lung	Serosa	Inflammation	Suppurative, Moderate
Note: The inflammation was on the pleural surface of the lung.			
[Inflammation TGLS = 2,3-3+4]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
		Inflammation	Moderate
* Trachea	Peritrach Tiss	Inflammation	Moderate
Note: The peritracheal inflammatory focus contained foreign material.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 126
	DOSE: 0 NG/KG	**DISP:** Dosing Accident	**HISTO:** 2000098

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 127
	DOSE: 10 NG/KG	**DISP:** Dosing Accident	**HISTO:** 2000099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

Eye			
Note: One optic nerve missing.			
* Heart	Epicardium	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 2-7]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Necrosis	Mild
Note: The liver necrisis was centrilobular.			
* Lung	Serosa	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1,3-4]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
		Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Pancreas		
OBSERVATIONS			
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000101

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas	* Thymus		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Moderate
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Ovary	* Pancreas	* Thymus
OBSERVATIONS			
* Adrenal Cortex		Angiectasis	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver		Degeneration	Cystic, Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Pancreas	* Thymus

OBSERVATIONS

* Liver	Inflammation	Mild
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Ovary	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000109

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-4]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Liver	* Lung	* Ovary
* Pancreas	* Thymus		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000119

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000121

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000122

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000123

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Pancreas	* Thymus	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL		
* Pancreas		
OBSERVATIONS		
* Adrenal Cortex	Hypertrophy	Minimal
* Liver	Inflammation	Minimal
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Ovary	Atrophy	Marked
* Thymus	Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Ovary	* Pancreas	* Thymus
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000129

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000130

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000131

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000132

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000133

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000139

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000140

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000141

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000142

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000143

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000144

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000145

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 10 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000146

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver	Serosa	Inflammation	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
[Inflammation TGLS = 1-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
[Infiltration Cellular TGLS = 5-3+4]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 4-10]			
* Parathyroid Gland		Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000147

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-5]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Marked
		Ulcer	Mild

Note: The uterus was distended with a keratin-like material.
[Metaplasia TGLS = 2-11]

PRIMARY CAUSE OF DEATH	- Uterus	Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Uterus	Metaplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000148

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000149

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	Multiple
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Toxic Hepatopathy	Minimal
[Hepatocellular Adenoma TGLS = 5-7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Moderate
* Pituitary Gland		Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000150

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-13]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Mild
		Hyperplasia	Marked
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 2-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000151

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Intermed	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Hyperkeratosis	Mild
		Hyperplasia	Squamous, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Marked
		Hyperplasia	Marked
		Hypertrophy	Mild
Note: One adrenal atrophic.			
[Atrophy TGLS = 3-8]			
[Hyperplasia TGLS = 2-8]			
[Hypertrophy TGLS = 3-8]			
* Adrenal Medulla		Hyperplasia	Moderate
Note: One adrenal medulla missing.			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Fibrosis	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000152

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Moderate
[Carcinoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* 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	* Nose	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 4-4]			
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
Note: Both fibroadenomas were cystic.			
[Fibroadenoma TGLS = 1,2-11+12]			
[Hyperplasia TGLS = 3-13]			
* Ovary		Atrophy	Marked
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000153

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Eosinophilic Focus TGLS = 5-11]			
[Mixed Cell Focus TGLS = 4-7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-12]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 3-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000154

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000155

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 2-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000156

ORGAN AND ACCOUNTABLE SITE STATUS

		Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	Bilateral, C Cell	Adenoma	
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 82
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000158

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, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

Blood Vessel		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
Eye			
Note: Both optic nerves missing.			
* Heart		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-12]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11]			

PRIMARY CAUSE OF DEATH - Bone Marrow Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Ovary	* Pancreas	* Thymus
OBSERVATIONS			
* Adrenal Cortex		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Pancreas	* Thymus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
Eye	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Degeneration	Cystic, Marked
		Hyperplasia	Moderate
Note: One adrenal appeared to have had an adenoma which became cystic destroying most of the tumor.			
[Hyperplasia TGLS = 5-8]			
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
	Hepatocyte	Hypertrophy	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 6-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 7-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3,4-11+12+13+14]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000167

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 328
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Liver	* 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 Marrow	Hyperplasia	Moderate
Eye		
Note: One optic nerve missing.		
* Kidney	Mineralization	Minimal
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular	Hyperplasia	Plasma Cell, Mild
* Ovary	Atrophy	Marked
Skeletal Muscle	Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 1-11]		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal
* Uterus	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH - Skeletal Muscle Rhabdomyosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Mild
Harderian Gland		Inflammation	Minimal
* Heart		Schwannoma Malignant	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Lymph Node	Mediastinal	Ectasia	Mild
[Ectasia TGLS = 4-3]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 1-11]			
[Hyperplasia TGLS = 2-12]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
[Adenoma TGLS = 5-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000169

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-5]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	- Mammary Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Fatty Change	Focal, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Carcinoma	
Note: Left lung frozen for NTP.			
[Alveolar/Bronchiolar Carcinoma TGLS = 4-4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 3-12]			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-10]			
* Pancreas		Basophilic Focus	
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000170

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 572
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Esophagus	Eye
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Islets, Pancreatic	* Lymph Node, Mandibular	* Salivary Glands

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
Blood Vessel		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: Both optic nerves and one eye and Harderian Gland missing.			
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Mineralization	Minimal
* Liver		Lymphoma Malignant	
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-3+4]			
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-12]			
[Lymphoma Malignant TGLS = 4-11]			
[Lymphoma Malignant TGLS = 5-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 572
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000171

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 7-15]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Mammary Gland		Fibroadenoma	
		Lymphoma Malignant	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-8]			
* Spleen		Lymphoma Malignant	
		Pigmentation	Minimal
[Lymphoma Malignant TGLS = 2-5]			
* Thymus		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 498
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: Both optic nerves and one eye missing.			
* Kidney		Inflammation	Chronic Active, Mild
		Mineralization	Minimal
* Liver		Inflammation	Mild
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000173

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Cyst	Mild
[Cyst TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pancreas	Artery	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000174

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000175

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 574
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
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	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
* Esophagus	Muscularis	Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-11+12+13]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 574
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000176

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* 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	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
[Cyst TGLS = 1-10]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000178

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
Eye	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
[Cyst TGLS = 3-10]			
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 5-3+4]			
Lymph Node	Mediastinal	Ectasia	Minimal
[Ectasia TGLS = 4-3]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
Note: The fibroadenomas were primarily fibrous with a few scattered glandular elements present.			
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000179

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000180

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney	Pelvis	Dilatation	Moderate
		Nephropathy	Minimal
[Dilatation TGLS = 4-5]			
* Liver		Basophilic Focus	Multiple
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
	Bile Duct	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 7-12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 5-4]			
* Mammary Gland		Fibroadenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000181

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Mild
[Fibroadenoma TGLS = 1,2-14+15]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 6-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Moderate
[Carcinoma TGLS = 3-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	Eye	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiofibrosis	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 1-4]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000183

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 4-8]			
* Skin		Fibroma	
[Fibroma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Skin Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000184

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 253
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: Both optic nerves missing.			
* Kidney		Nephroblastoma	
[Nephroblastoma TGLS = 1-11]			
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
* Ovary		Atrophy	Marked
* Pancreas	Artery	Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Hemorrhage	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephroblastoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 516
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
[Cyst TGLS = 4-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Casts Protein	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,3-11+12]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 516
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000186

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 524
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	Eye	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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
[Cyst TGLS = 2-10]			
Eye			
Note: One optic nerve missing.			
* Intestine Small, Ileum		Mineralization	Mild
Note: The mineralized area was attached to the mucosa and projected into the lumen.			
[Mineralization TGLS = 6-13]			
* Kidney	Transit Epithe	Hyperplasia	Mild
	Pelvis	Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4,5-3+4]			
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-12]			
* Mammary Gland		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 524
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000187

ORGAN AND ACCOUNTABLE SITE STATUS

		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Nose	Nasolacrim Dct	Inflammation	Mild
* Ovary		Atrophy	Marked
Note: One ovary missing.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Moderate
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Hepatodiaphragmatic Nodule TGLS = 1-11]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Serosa	Inflammation	Chronic Active, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-12]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000188

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
Eye	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
		Leukemia Granulocytic	
* Bone Marrow		Leukemia Granulocytic	
* Brain		Leukemia Granulocytic	
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
[Cyst TGLS = 2-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Leukemia Granulocytic	
		Necrosis	Moderate
[Necrosis TGLS = 6-13]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Granulocytic	
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
		Thrombosis	Mild
[Leukemia Granulocytic TGLS = 4-12]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Lymph Node, Mesenteric		Leukemia Granulocytic	
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild

Note: The mammary carcinoma arose in a fibroadenoma.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000189

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
		Leukemia Granulocytic	
Note: The pituitary tumor had compressed the brain.			
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 3-5]			
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Moderate
		Ulcer	Mild
* Stomach, Glandular		Erosion	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	- Bone Marrow	Leukemia Granulocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 223
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000190

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 Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Moderate
* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Heart		Degeneration	Moderate
		Mineralization	Mild
* Intestine Large, Rectum		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephroblastoma	
[Nephroblastoma TGLS = 1-11]			
* Lung		Mineralization	Moderate
* Ovary		Atrophy	Marked
Note: one ovary missing.			
* Pancreas	Artery	Mineralization	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Glandular		Mineralization	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Nephroblastoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Marked
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Cholesterol clefts present in some foci of macrophage accululation.			
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 1-4]			
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2,3-11+12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000191

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 4-10]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 6-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus		Inflammation	Suppurative, Marked
		Metaplasia	Squamous, Moderate

Note: The uterus was distended with a keratin-like material, inflammatory cell and amorphous eosinophilic material.
[Inflammation TGLS = 5-13]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000192

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 434
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Ovary	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
Eye			
Note: One eye, except for the lens, missing.			
* Kidney		Mineralization	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Inflammation	Granulomatous, Moderate
Note: TGL 1 was a focal area of granulomatous inflammation with a central area of necrosis in mammary gland area near vagina. TGL 1 recorded under mammary gland.			
[Inflammation TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 4-8]			
* Salivary Glands		Cyst	Mild
Note: TGL 2 was a cyst-like structure which contained blood and was located near salivary gland and lymph node. Origin uncertain but recorded under salivary gland.			
[Cyst TGLS = 2-9]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 434
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000193

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Mild
* Uterus	Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000194

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Edema	Mild
		Inflammation	Minimal
* Intestine Large, Colon	Serosa	Carcinoma	Metastatic (Uterus)
* Intestine Small, Ileum	Serosa	Carcinoma	Metastatic (Uterus)
* Intestine Small, Jejunum	Serosa	Carcinoma	Metastatic (Uterus)
* Kidney		Casts Protein	Minimal
		Mineralization	Minimal
* Liver	Hepatocyte	Degeneration	Mild
	Bile Duct	Fibrosis	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild
* Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
		Thrombosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000195

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 3-3+4+12]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 4-8]			
* Spleen	Capsule	Carcinoma	Metastatic (Uterus)
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach	Serosa	Carcinoma	Metastatic (Uterus)
* Stomach, Glandular	Serosa	Carcinoma	Metastatic (Uterus)
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 5-8]			
* Urinary Bladder	Serosa	Carcinoma	Metastatic (Uterus)
* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild
		Polyp Stromal	
[Carcinoma TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	- Uterus Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 448
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
[Cyst TGLS = 2-10]			
* Liver		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland		Cyst	Mild
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 350
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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	* 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

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000198

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 356
	DOSE: 30 NG/KG	**DISP:** Accidentally Killed	**HISTO:** 2000199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* 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		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Lung		Congestion	Mild
		Infiltration Cellular	Histiocyte, Minimal
[Congestion TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Lung Congestion

Animal Note: Death was due to drowning which would account for the congestion in the lung.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 356
	DOSE: 30 NG/KG	**DISP:** Accidentally Killed	**HISTO:** 2000200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	Eye	* 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	* Thyroid Gland	* Trachea

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary		Atrophy	Marked
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Rat died as the result of drowning.
Animal Note: One optic nerve missing.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 356
	DOSE: 30 NG/KG	**DISP:** Accidentally Killed	**HISTO:** 2000201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	Eye	* 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	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Minimal
		Necrosis	Minimal
* Lung		Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 3-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Necrosis	Mild
[Hematopoietic Cell Proliferation TGLS = 2-5]			
* Stomach, Forestomach		Erosion	Minimal
* Thymus		Atrophy	Mild
* Uterus		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 356
	DOSE: 30 NG/KG	**DISP:** Accidentally Killed	**HISTO:** 2000201

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- UNCERTAIN

Animal Note: Death was due to drowning.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 202
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* 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, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain	Meninges	Sarcoma	
* Clitoral Gland	Duct	Cyst	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland		Sarcoma	Metastatic (Brain)
[Sarcoma TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Brain Meninges Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Ovary	* Pancreas	* Thymus
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Ovary	* Pancreas	* Thymus
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Ovary	* Pancreas	
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Minimal
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 5-15]			
[Hepatocellular Adenoma TGLS = 6-16]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 7-4]			
* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Carcinoma TGLS = 3-13]			
[Fibroadenoma TGLS = 1,2,4-11+12+14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000207

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus		Carcinoma	
		Cyst	Moderate
	Endometrium	Hyperplasia	Cystic, Marked
[Carcinoma TGLS = 9-17]			
[Cyst TGLS = 9-17]			
[Hyperplasia TGLS = 8-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
		Squamous Cell Carcinoma	Metastatic (Oral Mucosa)
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Cyst	Mild
		Fibroadenoma	Multiple
		Hyperplasia	Minimal
Note: One tumor had focal areas of necrosis. [Fibroadenoma TGLS = 1,2-11+12]			
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 4-1]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000208

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Hyperkeratosis	Mild
		Hyperplasia	Squamous, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH	- Oral Mucosa Gingival Squamous Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000209

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Stromal Nephroma	
Note: Cytoplasmic alteration was characterized by eosinophilic granules in renal tubules.			
[Stromal Nephroma TGLS = 2-12]			
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-3+4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 3-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000210

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Kidney Stromal Nephroma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 546
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Hyperplasia	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Mixed Cell Focus	Multiple
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Minimal
		Inflammation	Suppurative, Minimal
Oviduct		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 546
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000211

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000212

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Casts Protein	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Minimal
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000213

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Carcinoma	
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Moderate
[Carcinoma TGLS = 6-11]			
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Mild
	Hepatocyte	Hypertrophy	Minimal
		Mixed Cell Focus	Multiple
[Eosinophilic Focus TGLS = 5-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 7-3+4]			
* Mammary Gland		Fibroadenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000214

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1,2,3-12+13+14]			
* Ovary		Cyst	Mild
[Cyst TGLS = 4-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Carcinoma	
Note: There was no lesion in the second thyroid.			
[Carcinoma TGLS = 8-8]			
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Cyst TGLS = 1,4-7+11]			
[Eosinophilic Focus TGLS = 5-11]			
* Lung		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000215

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Moderate
* Ovary		Atrophy	Marked
* Pancreas	Artery	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Moderate

Note: One horn of the uterus was distended with a keratin-like material and inflammatory cells.

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000216

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Pancreas		
OBSERVATIONS			
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas	* Thymus		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Mild
[Hyperplasia TGLS = 1-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000219

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 274	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL		
* Pancreas		
OBSERVATIONS		
* Adrenal Cortex	Hypertrophy	Minimal
* Liver	Inflammation	Minimal
	Pigmentation	Minimal
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Ovary	Atrophy	Marked
* Thymus	Atrophy	Mild
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000221

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 276	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Parathyroid Gland	* Thymus		
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Liver	* Lung	* Ovary
* Pancreas	* Thymus		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Pancreas		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Pancreas	* Thymus

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Suppurative, Minimal

Note: One horn contained an eosinophilic material.
[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
OBSERVATIONS			
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000231

OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 4-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Natural Death	**HISTO:** 2000232

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000233

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 5-8]			
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Mixed Cell Focus TGLS = 4-11]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 3-4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000234

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Minimal
[Hyperplasia TGLS = 2-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver	Bile Duct	Cyst	Moderate
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	

Note: Mitotic figures were common in hepatocytes in portal areas. The lesion described as a nodule at necropsy was a cyst microscopically.

Note: The observation at necropsy of a mass in the caudate lobe, microscopically was not a lesion and only appeared so because of a narrowed area in the lobe.

[Cyst TGLS = 4-7]

* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal

[Infiltration Cellular TGLS = 6-3+4]

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Minimal

Note: Most of the glandular elements in the fibroadenoma were distended with an eosinophilic material.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000235

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 1-11]			
[Fibroadenoma TGLS = 2-12]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Moderate
		Polyp Stromal	
[Polyp Stromal TGLS = 3-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Mild
* Kidney	Transit Epithe	Hyperplasia	Moderate
	Pelvis	Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
Note: The fibroadenoma had numerous cystic spaces.			
[Fibroadenoma TGLS = 2-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 3-8]			
* Skin		Cyst	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000236

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal
		Inflammation	Granulomatous, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000237

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-8]			
* Spleen		Pigmentation	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus		Adenomyosis	Mild
	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
		Hypertrophy	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Moderate
		Mixed Cell Focus	Multiple
[Cyst TGLS = 5-7]			
[Mixed Cell Focus TGLS = 4,6,7-6+14+15]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 3-3+13]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
		Vacuolization Cytoplasmic	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000238

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Bilateral, C Cell	Adenoma	
		Angiectasis	Mild
	C Cell	Hyperplasia	Minimal
[Adenoma TGLS = 8-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 293	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
Harderian Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 5-14]			
* Lymph Node, Mandibular		Ectasia	Moderate
* Mammary Gland		Carcinoma	Multiple
		Hyperplasia	Minimal
[Carcinoma TGLS = 1,2,3-11+12+13]			
* Ovary		Atrophy	Marked
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
[Hematopoietic Cell Proliferation TGLS = 4-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 293	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000239

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 580
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Hyperplasia	Minimal
[Carcinoma TGLS = 2-11]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 580
	DOSE: 30 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000240

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Minimal
	Bile Duct	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 4-11]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-12+13]			
* Ovary		Atrophy	Marked
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000241

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 30 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000242

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Atrophy	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Kidney		Inflammation	Chronic Active, Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Cyst	Minimal
		Fatty Change	Focal, Minimal
	Bile Duct	Fibrosis	Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung			
Note: Left lung frozen for NTP.			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000243

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
		Necrosis	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 1-10]			
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
		Mixed Cell Focus	Multiple
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 4,5-3+11]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-12+13]			
* Ovary		Atrophy	Marked
* Pancreas	Artery	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000244

ORGAN AND ACCOUNTABLE SITE STATUS

		Angiectasis	Mild
[Adenoma TGLS = 6-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperkeratosis	Minimal
		Hyperplasia	Squamous, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Uterus		

OBSERVATIONS

* Adren Medulla			
Note: One medulla missing.			
* Adrenal Cortex		Adenoma	
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
[Cyst TGLS = 3-10]			
[Inflammation TGLS = 3-10]			
Eye	Antr Chamber, Ciliary Body, Cornea	Inflammation	Suppurative, Mild
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Moderate
		Mixed Cell Focus	
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000245

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Mild
[Mixed Cell Focus TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 5-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
[Adenoma TGLS = 6-8]			
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Urinary Bladder		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000246

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000247

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000248

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
[Cyst TGLS = 2-10]			
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Suppurative, Minimal
		Mineralization	Minimal
		Necrosis	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Necrosis	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000249

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Hyperplasia	Minimal
[Carcinoma TGLS = 1-11]			
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH	- Mammary Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Oral Mucosa Gingival Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 4-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-11+12+13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000250

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Moderate
		Hyperplasia	Minimal
		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Mild
Eye			
Note: Both optic nerves missing.			
Harderian Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Fatty Change	Focal, Minimal
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000251

ORGAN AND ACCOUNTABLE SITE STATUS

	Hyperplasia	Mild
[Fibroadenoma TGLS = 3,4-11+12]		
* Ovary	Cyst	Moderate
Note: The right ovary appeared enlarged due to numerous corpora lutea and therefore no lesion was present.		
[Cyst TGLS = 1-10]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Mild
* Stomach, Forestomach	Hyperplasia	Squamous, Minimal
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye	Retina	Atrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 6-14]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000252

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
[Carcinoma TGLS = 3-13]			
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Minimal
[Carcinoma TGLS = 2-12]			
[Fibroadenoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000253

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Mammary Gland	Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

Note: Left lung frozen for NTP.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000254

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adren Medulla			
Note: One adrenal medulla missing.			
* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Minimal
		Hyperplasia	Squamous, Minimal
		Inflammation	Minimal
Eye			
Note: Both optic nerves missing.			
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 3-6]			
* Lung	Serosa	Fibrosis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6-3+4+13]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000255

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	Mild
[Adenoma TGLS = 5-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: 100 NG/KG	**DISP:** Natural Death	**HISTO:** 2000256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
Eye	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Schwannoma Malignant	Metastatic (Heart)
* Adrenal Medulla		Schwannoma Malignant	Metastatic (Heart)
* Bone Marrow		Fibrosis	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Ear			
Note: One optic nerve missing.			
Eye			
Note: One optic nerve missing.			
* Heart		Schwannoma Malignant	
* Intestine Large, Colon		Hyperplasia	Adenomatous, Moderate
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Schwannoma Malignant	Metastatic (Heart)
* Liver		Fatty Change	Diffuse, Moderate
		Hepatocellular Adenoma	
		Inflammation	Minimal
		Necrosis	Mild
		Schwannoma Malignant	Metastatic (Heart)
[Hepatocellular Adenoma TGLS = 5-14]			
[Schwannoma Malignant TGLS = 3,4-11+13]			
* Lung		Schwannoma Malignant	Metastatic (Heart)
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: 100 NG/KG	**DISP:** Natural Death	**HISTO:** 2000256

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 1-12]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
		Schwannoma Malignant	Metastatic (Heart)
[Schwannoma Malignant TGLS = 2-12]			
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate
		Inflammation	Chronic Active, Mild
		Necrosis	Focal, Mild
* Stomach, Glandular		Schwannoma Malignant	Metastatic (Heart)
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	- Heart Schwannoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Natural Death	**HISTO:** 2000257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Atrophy	Mild
		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Note: One adrenal atrophic.			
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Mixed Cell Focus	Multiple
		Toxic Hepatopathy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Natural Death	**HISTO:** 2000257

ORGAN AND ACCOUNTABLE SITE STATUS

[Eosinophilic Focus TGLS = 1-6+7+12]			
[Mixed Cell Focus TGLS = 1-12]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-11]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 4-8]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000258

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000259

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-10]			
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Adrenal Medulla		Angiectasis	Mild
		Pheochromocytoma Benign	
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 5-11]			
* Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Granulomatous, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 7-3]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000260

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 8-9]			
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2,3-12+13+14]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 6-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000261

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 2-11]			
[Fibroadenoma TGLS = 3-12]			
* Ovary		Atrophy	Marked
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000262

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus		Metaplasia	Squamous, Moderate
		Vacuolization Cytoplasmic	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 678
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Minimal
* Brain		Hydrocephalus	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 678
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000263

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 4-11]			
* Spleen	Red Pulp	Atrophy	Mild
		Pigmentation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000264

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 586
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
Eye			
Note: Both optic nerves missing.			
* Intestine Small, Ileum		Carcinoma	Metastatic (Islets, Pancreatic)
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 6-6]			
* Kidney	Transit Epithe	Hyperplasia	Mild
	Pelvis	Inflammation	Chronic Active, Mild
		Mineralization	Minimal
* Liver		Carcinoma	Metastatic (Islets, Pancreatic)
		Eosinophilic Focus	
		Inflammation	Minimal
		Pigmentation	Mild
[Carcinoma TGLS = 2-12]			
* Lung		Carcinoma	Metastatic (Islets, Pancreatic)
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 5-3+4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 586
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000265

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mediastinal	Carcinoma	Metastatic (Islets, Pancreatic)
* Mammary Gland		Hyperplasia	Mild
Mesentery		Carcinoma	Metastatic (Islets, Pancreatic)
[Carcinoma TGLS = 3-13]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skeletal Muscle		Carcinoma	Metastatic (Islets, Pancreatic)
[Carcinoma TGLS = 4-11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Inflammation	Mild
* Uterus		Erosion	Mild
		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Marked
		Squamous Cell Papilloma	

Note: The uterus lumen was dilated with keratin-like material.
[Metaplasia TGLS = 1-10]
[Squamous Cell Papilloma TGLS = 1-10]

PRIMARY CAUSE OF DEATH - Mesentery Carcinoma Islets, Pancreatic

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
Eye	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hypertrophy	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Moderate
	Pelvis	Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
	Bile Duct	Fibrosis	Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000266

ORGAN AND ACCOUNTABLE SITE STATUS

[Eosinophilic Focus TGLS = 3,5-13+15]			
[Mixed Cell Focus TGLS = 4-14]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Minimal
[Carcinoma TGLS = 2-12]			
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
		Angiectasis	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Urinary Bladder		Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000267

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adren Medulla			
Note: One adrenal medulla missing.			
* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Moderate
[Hyperplasia TGLS = 2-8]			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 1-10]			
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Fatty Change	Diffuse, Mild
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung	Serosa	Fibrosis	Mild
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 4-3+4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000268

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Hyperplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Bilateral, C Cell	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 3-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000269

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung	* Pancreas	* Thymus

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
	Vacuolization Cytoplasmic	Minimal
* Liver	Inflammation	Minimal
	Pigmentation	Minimal
* Ovary	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas	* Thymus		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Liver		Basophilic Focus	
		Cholangiofibrosis	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Pancreas	* Thymus

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Mild
* Ovary		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adren Medulla			
Note: One medulla missing.			
* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Kidney		Inflammation	Suppurative, Minimal
* Liver		Fatty Change	Diffuse, Mild
		Fatty Change	Focal, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1,2,3-11+12]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000275

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 376
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Calculus Micro Observation Only	
		Mineralization	Moderate
		Nephropathy	Marked
[Calculus Micro Observation Only TGLS = 3-5]			
[Nephropathy TGLS = 2-5]			
* Liver		Fatty Change	Diffuse, Minimal
		Pigmentation	Minimal
* Lung		Mineralization	Moderate
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Angiectasis	Moderate
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Mineralization	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
Ureter	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 376
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000276

ORGAN AND ACCOUNTABLE SITE STATUS

		Mineralization	Moderate
Note: A calculus was present in the ureter and was recorded as mineralization. [Mineralization TGLS = 4-11]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Mild
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Thymus		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
Note: The cortex of one adrenal contained several cysts and what appeared to be hyperplastic glomerulosa cells.			
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 1-11]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000277

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Artery	Inflammation	Chronic Active, Moderate
* Ovary		Atrophy	Marked
		Cyst	Minimal
		Granulosa-Theca Tumor Malignant	
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 6-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-11+12+13]			
* Nose	Turbinate	Inflammation	Suppurative, Mild
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 5-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000278

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 300
	DOSE: 100 NG/KG	**DISP:** Natural Death	**HISTO:** 2000279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Minimal
		Necrosis	Mild
Lymph Node	Inguinal	Hyperplasia	Plasma Cell, Mild
	Inguinal	Pigmentation	Mild
[Hyperplasia TGLS = 2-12]			
[Pigmentation TGLS = 2-12]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Moderate
		Inflammation	Chronic Active, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 300
	DOSE: 100 NG/KG	**DISP:** Natural Death	**HISTO:** 2000279

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 4-3,4]			
Lymph Node	Deep Cervical	Ectasia	Mild
[Ectasia TGLS = 2-12]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000280

ORGAN AND ACCOUNTABLE SITE STATUS

		Angiectasis	Moderate
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Moderate
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 531
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 531
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000281

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000282

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
* Adrenal Medulla		Angiectasis	Mild
		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-8]			
* Bone Marrow		Hyperplasia	Mild
* Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 6-9]			
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Esophagus		Hyperplasia	Squamous, Focal, Minimal
Note: The esophagus was dilated and there was a small focus of squamous hyperplasia in the wall.			
[Hyperplasia TGLS = 7-14]			
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000283

ORGAN AND ACCOUNTABLE SITE STATUS

		Hepatocyte, Multinucleate	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Inflammation	Granulomatous, Mild
Note: The inflammation was granulomatous and contained foreign material.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1,2,4-11+12+13]			
* Nose	Respirat Epith	Hyperplasia	Mild
	Nasopharyn Dct	Inflammation	Suppurative, Moderate
	Olfactory Epi	Inflammation	Suppurative, Moderate
	Respirat Epith	Inflammation	Suppurative, Moderate
Oral Mucosa	Gingival	Hyperplasia	Squamous, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland		Angiectasis	Mild
	C Cell	Carcinoma	
[Carcinoma TGLS = 5-8]			
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
[Cyst TGLS = 1-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000284

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Pancreas	* Thymus	
OBSERVATIONS			
* Liver		Basophilic Focus	
		Inflammation	Mild
		Necrosis	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver		Inflammation	Mild
		Mixed Cell Focus	
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Moderate
		Hypertrophy	Moderate
		Inflammation	Suppurative, Minimal
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Moderate
[Cyst TGLS = 3-10]			
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Infiltration Cellular	Lymphocyte, Mild
		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Focal, Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 7,8-7+12]			
* Lung		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000290

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Moderate
		Cyst	Moderate
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 6-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 4-8]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 428
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Inflammation	Moderate
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cytoplasmic Alteration	Mild
		Fatty Change	Diffuse, Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Marked
[Cyst TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen	Red Pulp	Atrophy	Mild
		Pigmentation	Minimal
* Stomach, Glandular		Metaplasia	Focal, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
Eye	Retina	Atrophy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	Multiple
		Fatty Change	Focal, Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 7-6+7+11]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6-3+4]			
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Hemorrhage	Mild
[Ectasia TGLS = 5-3]			
[Hemorrhage TGLS = 5-3]			
* Mammary Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000292

ORGAN AND ACCOUNTABLE SITE STATUS

		Fibroadenoma	Multiple
[Carcinoma TGLS = 3-14]			
[Fibroadenoma TGLS = 1,2-12+13]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
Note: What appeared to be a cyst at necropsy was a mixed cell focus microscopically.			
[Mixed Cell Focus TGLS = 3,4-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000293

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 1-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 5-10]			
* Pituitary Gland		Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000294

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Hyperplasia	Minimal
Oral Mucosa	Gingival	Hyperplasia	Squamous, Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
[Hematopoietic Cell Proliferation TGLS = 2-5]			
* Stomach, Forestomach		Edema	Mild
		Hyperkeratosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000295

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Squamous, Moderate
		Inflammation	Chronic Active, Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
Vagina		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-11]			

PRIMARY CAUSE OF DEATH	- Vagina Squamous Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Mild
Eye			
Note: Both optic nerves missing.			
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 6-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Minimal
[Adenoma TGLS = 5-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000296

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Ulcer	Mild
[Ulcer TGLS = 3-13]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
		Polyp Stromal	
[Hyperplasia TGLS = 4-10]			
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 1,2-3+4]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000297

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
Note: The pituitary tumor compressed the brain but did not apppear to invade it.			
[Adenoma TGLS = 3-8]			
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 533
	DOSE: 100 NG/KG	**DISP:** Natural Death	**HISTO:** 2000298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver	Hepatocyte	Degeneration	Mild
		Inflammation	Mild
		Pigmentation	Minimal
* Lung		Carcinoma	Metastatic (Mammary Gland)
[Carcinoma TGLS = 4-4+13+14]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-9]			
* Mammary Gland		Adenoma	
		Carcinoma	
Note: A significant portion of the mammary tumor from the inguinal area was composed of spindle cells and had a sarcomatous appearance.			
[Adenoma TGLS = 3-12]			
[Carcinoma TGLS = 1-10+11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 533
	DOSE: 100 NG/KG	**DISP:** Natural Death	**HISTO:** 2000298

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000299

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000300

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 188
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
* Kidney		Casts Protein	Minimal
		Mineralization	Minimal
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Pancreas		
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-6]			
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Ovary	* Pancreas	* Thymus

OBSERVATIONS

* Liver	Inflammation	Mild
* Lung	Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			

OBSERVATIONS

* Liver	Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Ovary	* Pancreas	* Thymus

OBSERVATIONS

* Liver	Inflammation	Minimal
* Lung	Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas	* Thymus		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* 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
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 1-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000315

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Bilateral, C Cell	Adenoma	
		Angiectasis	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Moderate
* Clitoral Gland		Inflammation	Mild
Eye			
Note: Both optic nerves missing.			
Harderian Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Adenoma	
		Fibroadenoma	
[Adenoma TGLS = 2-12]			
[Fibroadenoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000316

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Moderate
		Cyst	Moderate
[Cyst TGLS = 3,4-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 328
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Brain		Medulloblastoma Mal	
[Medulloblastoma Mal TGLS = 2-9]			
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Liver	Hepatocyte	Hypertrophy	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Adenoma	
		Angiectasis	Minimal
[Adenoma TGLS = 3-8]			
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 328
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000317

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Brain Medulloblastoma Mal		
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone		Osteopetrosis	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
[Cyst TGLS = 3-10]			
Eye		Atrophy	Moderate
Note: The entire globe of one eye was atrophic.			
Note: One optic nerve missing.			
[Atrophy TGLS = 1-00]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000318

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 4-11]			
* Ovary		Atrophy	Marked
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-12]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 3-10]			
* Pituitary Gland		Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000319

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
		Fibrosis	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Ovary	* Pancreas	* Thymus

OBSERVATIONS

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
* Liver	Inflammation	Minimal
* Lung	Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	Eye	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
		Nephropathy	Moderate
[Inflammation TGLS = 1-11]			
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-12]			
Lymph Node	Mediastinal	Ectasia	Mild
[Ectasia TGLS = 2-11]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Artery	Inflammation	Chronic Active, Moderate

Note: Multiple organs had arteries with inflammation and necrosis.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000325

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
		Cyst	Mild
	Artery	Inflammation	Chronic Active, Moderate
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Artery	Inflammation	Chronic Active, Moderate
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 621
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 2-10]			
* Pituitary Gland		Vacuolization Cytoplasmic	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 621
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000326

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
	Epithelium	Necrosis	Mild
		Vacuolization Cytoplasmic	Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Moderate
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 3-13]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11+12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000327

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Bile Duct	Fibrosis	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 4-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000328

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000329

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 498
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 498
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000330

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 509
	DOSE: 100 NG/KG	**DISP:** Natural Death	**HISTO:** 2000331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Moderate
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Minimal
Note: The liver necrosis was centrilobular.			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Minimal
		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Cholangiofibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
Note: What appeared as a cyst at necropsy (TGL 5) was a mixed cell focus microscopically. [Mixed Cell Focus TGLS = 4,5-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Mild
Note: Left lung frozen for NTP.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000332

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 3-4]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 6-8]			
* Skin	Subcut Tiss	Fibroma	Multiple
[Fibroma TGLS = 1,2-11+12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Bilateral, C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000333

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Schwannoma Malignant	
* Kidney		Inflammation	Suppurative, Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000334

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild
* Uterus		Carcinoma	
		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Moderate
[Carcinoma TGLS = 3-12]			

PRIMARY CAUSE OF DEATH	- Uterus Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000335

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000336

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 555
	DOSE: 100 NG/KG	**DISP:** Natural Death	**HISTO:** 2000337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 555
	DOSE: 100 NG/KG	**DISP:** Natural Death	**HISTO:** 2000337

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Moderate
* Uterus		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH - Lung Infiltration Cellular

Animal Note: TGL 1 = NCL

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 100 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000338

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Necrosis	Minimal
[Mixed Cell Focus TGLS = 2,3,4-6+7+12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 100 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000339

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 3-11]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiocarcinoma	
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Cholangiocarcinoma TGLS = 4-14]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000340

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Squamous metaplasia was prominent in the mammary carcinoma.
[Carcinoma TGLS = 2-13]
[Fibroadenoma TGLS = 1-12]

* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 236
	DOSE: 100 NG/KG	**DISP:** Natural Death	**HISTO:** 2000341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Liver	* 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		

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Marked
Eye		
Note: One optic nerve missing.		
* Kidney	Nephroblastoma	
[Nephroblastoma TGLS = 1-11]		
* Ovary	Atrophy	Marked
* Spleen	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephroblastoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	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	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Moderate
Eye	Retina	Atrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 3-6+7+11]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
* Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 100 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000342

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
[Cyst TGLS = 3-10]			
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiofibrosis	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Cholangiofibrosis TGLS = 1-7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000343

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pancreas		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Minimal
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild
* Uterus		Hemangiosarcoma	
	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic Active, Moderate
		Inflammation	Suppurative, Moderate
[Hemangiosarcoma TGLS = 2-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* 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
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
[Cyst TGLS = 3-10]			
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 2-4]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 6-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000344

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
[Adenoma TGLS = 1-8]			
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Moderate
[Hyperplasia TGLS = 4-11]			
[Inflammation TGLS = 4,5-11+12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 403	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
* Intestine Large, Rectum		Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Inflammation	Mild
		Necrosis	Moderate
		Pigmentation	Mild
* Lung	Mediastinum	Carcinoma	Metastatic (Mammary Gland)
		Carcinoma	Metastatic (Mammary Gland)
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Carcinoma TGLS = 2,4-3+4+13]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 403	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000345

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus		Adenomyosis	Marked
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Moderate
	Epithelium	Necrosis	Mild

Note: The lumen of the uterus contained a keratin-like material.
[Metaplasia TGLS = 3-12]

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 559
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Stromal Nephroma	
[Stromal Nephroma TGLS = 3-12+13]			
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Necrosis	Minimal
		Toxic Hepatopathy	Minimal
Note: The liver necrosis was centrilobular.			
[Eosinophilic Focus TGLS = 4-6+7+14]			
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6-3+4]			
Lymph Node	Mediastinal	Hemorrhage	Mild
[Hemorrhage TGLS = 5-3]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Parathyroid Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 559
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000346

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal
* Stomach, Forestomach	Hyperplasia	Squamous, Mild
* Stomach, Glandular	Erosion	Mild
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH - Kidney Stromal Nephroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 405
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mesenteric
* Nose	* Ovary	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
Eye			
Note: Both optic nerves missing.			
* Heart	Artery	Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cytoplasmic Alteration	Mild
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
Note: Vacuolization of hepatocytes, compatable with glycogen, was present in centrilobular areas.			
[Hypertrophy TGLS = 6-6,7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Lymph Node		Ectasia	Mild
Note: the axillary lymph node was enlarged due to ectasia.			
[Ectasia TGLS = 4-13]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 405
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000347

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-9]			
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11,12]			
* Pancreas	Acinus	Atrophy	Minimal
		Inflammation	Chronic Active, Minimal
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
[Hematopoietic Cell Proliferation TGLS = 5-5]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 406	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
Eye	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Casts Protein	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Hyperplasia TGLS = 3,4-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 6-4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 406	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000348

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Minimal
[Carcinoma TGLS = 1-11]			
[Fibroadenoma TGLS = 2-12]			
* Nose	Respirat Epith	Hyperplasia	Mild
* Ovary		Cyst	Moderate
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 5-10]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 7-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
[Cyst TGLS = 8-10]			
* Liver		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Hepatodiaphragmatic Nodule TGLS = 7-7]			
[Mixed Cell Focus TGLS = 5-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 6-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3,4-11+12+13+14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000349

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Marked
		Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Casts Protein	Minimal
		Mineralization	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000350

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Suppurative, Mild

Note: The uterus was distended with a proteinaceous material that contained a few crystalline structures and inflammatory cells.
[Hyperplasia TGLS = 3-13]

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Ectasia	Moderate
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Mesentery	Artery	Inflammation	Chronic Active, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000351

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Arteries of multiple organs were inflamed and necrotic.

* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 3-10]			
* Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Minimal
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Marked

Note: Squamous metaplasia occurred in both horns and one horn was distended with inflammatory cells and a keratin-like material.
[Metaplasia TGLS = 2-10]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 410	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000352

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
[Cyst TGLS = 8-10]			
* Kidney		Casts Protein	Minimal
		Mineralization	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Cyst TGLS = 5-6]			
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000353

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 7-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple
		Hyperplasia	Minimal
Note: TGL 2 was a cystic fibroadenoma with areas of carcinomatous change.			
[Carcinoma TGLS = 2,3-12+13]			
[Fibroadenoma TGLS = 1,4-11+14]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 9-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 412	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000354

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 413	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 413	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000355

ORGAN AND ACCOUNTABLE SITE STATUS

		Cytoplasmic Alteration	Mild
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 414	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000356

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 415	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 595
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Cecum	* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Ovary		Atrophy	Marked
Note: One ovary missing.			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 415	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 595
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000357

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Marked

Note: The lumen of the uterus was distended with an eosinophilic material.
[Metaplasia TGLS = 1-12+13]

PRIMARY CAUSE OF DEATH - Uterus Metaplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 416	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Marked
		Hyperplasia	Moderate
		Hypertrophy	Marked
* Bone Marrow		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Focal, Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 2-6+7]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Cyst	Marked
		Inflammation	Chronic Active, Moderate
[Cyst TGLS = 1-11]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 416	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000358

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Minimal
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 417	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Marked
		Hyperplasia	Marked
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 1,2-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 5-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 417	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000359

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 3,4-11+12]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Mild
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Minimal
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 418	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hypertrophy	Minimal
		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Eye			
Note: One optc nerve missing.			
* Intestine Large, Rectum		Lymphoma Malignant	
* Kidney		Casts Protein	Mild
		Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Lymphoma Malignant	
		Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Lymphoma Malignant	
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 418	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000360

ORGAN AND ACCOUNTABLE SITE STATUS

Oral Mucosa	Gingival	Hyperplasia	Squamous, Mild
Note: A cyst-like cavity containing keratin was formed by the hyperplastic oral mucosa.			
[Hyperplasia TGLS = 5-1]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Stomach, Forestomach		Hyperkeratosis	Minimal
		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
* Thymus		Atrophy	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus		Lymphoma Malignant	
		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 4-13]			
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Mild
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 2-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000361

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Bile Duct	Fibrosis	Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 2-14]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,3,4-11+12+13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000362

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 421	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 574
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 421	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 574
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000363

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 448
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	Harderian Gland	* 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	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
[Cyst TGLS = 2-12]			
Eye		Atrophy	Moderate
Note: The entire globe of one eye was atrophic.			
[Atrophy TGLS = 1-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephroblastoma	
		Nephropathy	Minimal
[Nephroblastoma TGLS = 3-13]			
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Ovary		Atrophy	Marked
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Urinary Bladder		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 448
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000364

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Kidney Nephroblastoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 423	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000365

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 604
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
Eye	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Necrosis	Moderate
Note: One adrenal was necrotic.			
* Adrenal Medulla		Necrosis	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: Both optic nerves missing.			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 604
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000366

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Minimal
[Basophilic Focus TGLS = 3-12]			
[Eosinophilic Focus TGLS = 4-13]			
[Necrosis TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Moderate
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Skin	Subcut Tiss	Inflammation	Suppurative, Mild
Note: The inflammation involved the skin over the mammary tumor.			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 425	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lung	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	Multiple
		Hepatocyte, Multinucleate	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 6-6+7]			
* Lung			
Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 425	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000367

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1,2,3-12+13+14]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Carcinoma	
[Carcinoma TGLS = 4-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 426	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Ovary	* Pancreas	* Thymus
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 427	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 428	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Pancreas	* Thymus	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 429	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 430	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 431	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 432	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			

OBSERVATIONS

* Liver	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 434	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 435	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			

OBSERVATIONS

* Liver	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 576
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Casts Protein	Minimal
		Mineralization	Minimal
* Liver		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 4-3+4]			
* Mammary Gland		Cyst	Moderate
		Inflammation	Granulomatous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 576
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000378

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-12]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Uterus		Hemorrhage	Mild
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Moderate
		Thrombosis	Mild

Note: The uterus was distended with a proteinaceous material, a keratin-like material and erythrocytes.
[Metaplasia TGLS = 1-11]

PRIMARY CAUSE OF DEATH - Uterus Metaplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Adrenal Medulla		Angiectasis	Mild
		Hyperplasia	Mild
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-8]			
* Clitoral Gland		Inflammation	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Mixed Cell Focus TGLS = 4-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland		Fibroadenoma	Multiple
Note: One fibroadenoma was very glandular.			
[Fibroadenoma TGLS = 1,2-11+12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000379

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Cyst	Mild
		Granulosa Cell Tumor Benign	
[Cyst TGLS = 6-10]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000380

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Moderate
Eye			
Note: One optic nerve missing.			
* Kidney	Transit Epithe	Hyperplasia	Moderate
	Pelvis	Inflammation	Chronic Active, Mild
		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 2-12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 4-3+4+13]			
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000381

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-12]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 440	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Minimal
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
Note: One clitoral gland missing.			
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Moderate
	Pelvis	Inflammation	Chronic Active, Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 440	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000382

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Forestomach		Ulcer	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 441	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Dilatation	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 3,5,6-6+7+12+13]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 441	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000383

ORGAN AND ACCOUNTABLE SITE STATUS

		Metaplasia	Squamous, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Ectasia	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
Oral Mucosa	Gingival	Hyperplasia	Squamous, Mild
Note: The squamous hyperplasia that occurred was associated with inflammation which was initiated by hair in the gingiva.			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 4-10]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 442	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 481
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Necrosis	Moderate
Note: The liver necrosis was centrilobular.			
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 1,2-3+4+11]			
* Mammary Gland		Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 443	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000385

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 444	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
[Cyst TGLS = 3-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 5-3+4]			
Lymph Node		Lymphoma Malignant	
Note: The affected lymph node was the axillary lymph node.			
[Lymphoma Malignant TGLS = 6-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 444	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000386

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11+12]			
* Nose	Nasolacrim Dct	Inflammation	Mild
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-13]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Lymph Node Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 445	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000387

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 446	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000388

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 447	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* 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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Calculus Micro Observation Only	
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
		Inflammation	Moderate
		Necrosis	Mild
		Pigmentation	Moderate
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 447	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000389

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Bilateral, C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 448	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 546
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Casts Protein	Minimal
		Mineralization	Minimal
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Mixed Cell Focus TGLS = 2,3-7+12]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 448	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 546
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000390

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 496
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
[Hypertrophy TGLS = 4-8]			
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
[Eosinophilic Focus TGLS = 7-12]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 5-12]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 496
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000391

ORGAN AND ACCOUNTABLE SITE STATUS

		Fibroadenoma	
		Hyperplasia	Mild
Note: The mammary gland carcinoma appeared to arise from a fibroadenoma.			
[Carcinoma TGLS = 1-11]			
[Fibroadenoma TGLS = 6-13]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
[Hematopoietic Cell Proliferation TGLS = 3-5]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 450	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
Eye			
Note: One optic nerve missing.			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 450	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000392

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Atrophy	Minimal
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Cyst	Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Bile Duct	Fibrosis	Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 2,3-11+12]			
[Mixed Cell Focus TGLS = 2,3-11+12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000393

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Spleen		Pigmentation	Moderate
* Stomach, Glandular		Mineralization	Minimal
* Thymus		Atrophy	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 452	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Medulla			
Note: One medulla misssing.			
* Adrenal Cortex		Angiectasis	Mild
		Hypertrophy	Mild
* Clitoral Gland		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 2-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
		Metaplasia	Squamous, Minimal
[Infiltration Cellular TGLS = 3-3+4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 452	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000394

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Nose	Turbinate	Inflammation	Suppurative, Minimal
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 453	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 500
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* 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	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-12]			
Eye			
Note: One optic nerve missing.			
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
	Vein	Thrombosis	Moderate
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 453	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 500
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000395

ORGAN AND ACCOUNTABLE SITE STATUS

	Pigmentation	Mild
* Thymus	Atrophy	Moderate
* Uterus	Inflammation	Suppurative, Minimal
	Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Adrenal Medulla Pheochromocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 454	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocyte, Multinucleate	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-14+15]			
Oral Mucosa	Gingival	Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 454	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000396

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Cyst	Mild
Note: One ovary was obscured by the uterine carcinoma.			
Note: Dilated glandular elements in the uterine carcinoma were mis-interpreted at necropsy to be ovarian cysts (TGL 4).			
* Pancreas	Acinus	Atrophy	Moderate
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Moderate
		Sarcoma Stromal	Multiple
Note: The vaginal and uterine tumors were of the same type and the vaginal tumor was considered an extension of the uterine tumor.			
[Carcinoma TGLS = 3,4-11+16]			
[Sarcoma Stromal TGLS = 5,6-12+13]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 455	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000397

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 456	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			

OBSERVATIONS

* Liver	Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 457	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 458	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 459	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 460	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Ovary	* Pancreas	* Thymus

OBSERVATIONS

* Liver	Inflammation	Minimal
* Lung	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 461	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 462	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Mild
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 463	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 464	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Lung	* Pancreas

OBSERVATIONS

* Liver		Inflammation	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 465	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 466	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 467	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas			
MISSING			
* Thymus			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Interstitium	Inflammation	Minimal
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Pancreas		
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

Animal Note: The right ovary was frozen according to the protocol; therefore the gross lesion (cyst) could not be confirmed microscopically.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 469	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000411

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 470	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000412

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 471	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Mild
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: Both optic nerves missing.			
Harderian Gland		Inflammation	Minimal
* Kidney		Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Focal, Mild
		Hepatocyte, Multinucleate	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 1-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 3-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 471	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000413

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus		Metaplasia	Squamous, Marked
Note: One horn was distended with a keratin-like material.			
[Metaplasia TGLS = 2-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 472	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Liver		Eosinophilic Focus	Multiple
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 2,3-6+12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 472	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000414

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 473	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 3-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 473	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000415

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Minimal
[Fibroadenoma TGLS = 2-12]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 6-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
[Adenoma TGLS = 4-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Suppurative, Mild
[Hyperplasia TGLS = 5-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 474	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Brain		Carcinoma	Metastatic (Pituitary Gland)
Note: The pituitary tumor had infiltrated the brain.			
* Clitoral Gland		Inflammation	Mild
* Esophagus	Muscularis	Inflammation	Minimal
Eye	Retina	Atrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Minimal
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 474	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000416

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Cyst	Moderate
		Fibroadenoma	Multiple
Note: The one tumor contained several cysts.			
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
* Pituitary Gland		Angiectasis	Moderate
	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 3-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 475	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000417

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 476	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Ovary	* Pancreas	
OBSERVATIONS			
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 2-5,6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	Multiple
Note: Both mammary masses, left inguinal and right axillary, were fibroadenomas.			
[Fibroadenoma TGLS = 1-7; 3-8]			
* Ovary			
Note: Enlargement of ovary was attributed to the presence of multiple corpora lutea.			
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 477	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 2-5,6]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 478	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas			
OBSERVATIONS			
* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 479	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 480	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Lung	* Pancreas

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 481	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 530
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		
MISSING			
* Clitoral Gland	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum
* Ovary	* Thymus	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 482	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 124
	DOSE: 175 NG/KG	**DISP:** Dosing Accident	**HISTO:** 2000424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Kidney	* Liver	* 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
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
Eye			
Note: Both optic nerves missing.			
* Heart	Epicardium	Inflammation	Suppurative, Marked
* Lung	Serosa	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 2-3+4+11]			
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Minimal
* Thymus		Inflammation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 483	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Cyst	Moderate
		Fibroadenoma	
		Hyperplasia	Minimal
[Cyst TGLS = 2-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 483	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000425

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 3-10]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 484	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 573
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 485	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 611
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
Eye	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 3-10]			
Eye			
Note: Both optic nerves missing.			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-5]			
* Liver	Hepatocyte	Hypertrophy	Minimal
	Artery	Inflammation	Chronic Active, Mild
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Atrophy	Marked
	Artery	Inflammation	Chronic Active, Mild
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
	Acinus	Vacuolization Cytoplasmic	Mild
* Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 485	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 611
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000427

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal
* Thymus	Atrophy	Moderate
* Thyroid Gland	Cyst	Mild
[Cyst TGLS = 2-8]		
* Urinary Bladder	Edema	Moderate
	Hemorrhage	Mild
	Inflammation	Moderate

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 486	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Minimal
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
Eye			
Note: One optic nerve missing.			
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Mixed Cell Focus TGLS = 3,4,6-6+11]			
* Lung		Infiltration Cellular	Histiocyte, Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 486	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000428

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 5-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Suppurative, Mild
[Hyperplasia TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 487	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 454
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Basophilic Focus TGLS = 2-6+7+12]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 487	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 454
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000429

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 488	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 487
	DOSE: 175 NG/KG	**DISP:** Natural Death	**HISTO:** 2000430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Minimal
		Necrosis	Moderate
Note: The liver necrosis was centrilobular.			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 3-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-12]			

PRIMARY CAUSE OF DEATH	- Liver Necrosis
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 489	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000431

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 490	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000432

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 491	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 2,3-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 491	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000433

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Minimal
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Mineralization	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 492	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Marked
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal

[Mixed Cell Focus TGLS = 4-6]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 492	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000434

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Metaplasia TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 2-11]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 493	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 385
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 2-7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 494	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000436

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 495	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000437

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 496	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 3-6]			
[Mixed Cell Focus TGLS = 2-7]			
* Lung		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 496	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 175 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000438

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 1-4]			
* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
[Carcinoma TGLS = 4-11]			
[Fibroadenoma TGLS = 5,6,7-12+13+14]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 497	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 436
	DOSE: 175 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver		Mixed Cell Focus	Multiple
[Mixed Cell Focus TGLS = 2,3-6+7+12]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 498	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 175 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000440

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 501	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 502	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Thymus	
OBSERVATIONS			
* Liver		Cholangiofibrosis	Mild
		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Pancreas		Basophilic Focus	
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 503	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas	* Thymus		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Mild
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 504	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 505	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Liver		Inflammation	Mild
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 506	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 662
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 2-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
Note: Arteries in multiple organs were inflamed and necrotic.			
[Inflammation TGLS = 3-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 506	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 662
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000446

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Artery	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	- Mesentery Artery Inflammation		
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 507	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000447

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 508	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000448

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 509	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Brain		Medulloblastoma Mal	
[Medulloblastoma Mal TGLS = 6-11]			
* Clitoral Gland	Duct	Cyst	Moderate
Harderian Gland		Inflammation	Minimal
* Heart		Schwannoma Benign	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Cholangiocarcinoma	
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 509	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000449

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 4-15]			
[Mixed Cell Focus TGLS = 3-5+6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2,8-12+13+14]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 7-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH	- Brain Medulloblastoma Mal
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 510	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000450

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 511	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas	* Thymus		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 512	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
* Mammary Gland		Fibroadenoma	
Note: The fibroadenoma had cystic areas.			
[Fibroadenoma TGLS = 1-6]			
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 513	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 514	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 515	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 516	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 2,3-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 516	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000456

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 517	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	Lacrimal Gland
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 517	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000457

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Thymus		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 518	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000458

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 519	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Brain		Astrocytoma Malignant	
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 1,2-6+7+11]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Nasolacrim Dct	Inflammation	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 519	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000459

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal
* Thymus	Atrophy	Moderate
* Urinary Bladder	Inflammation	Minimal
* Uterus	Metaplasia	Squamous, Mild
	Polyp Stromal	

PRIMARY CAUSE OF DEATH - Brain Astrocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 520	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000460

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 521	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal

[Fibroadenoma TGLS = 1-11]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 521	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000461

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 2-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 522	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Carcinoma	
		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
Note: One adrenal atrophic.			
[Carcinoma TGLS = 3-8]			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiofibrosis	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 5-6+7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 522	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000462

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 4-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-12]			
* Nose	Respirat Epith	Hyperplasia	Mild
	Turbinate	Inflammation	Suppurative, Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin		Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 1-11]			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Inflammation	Mild
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Skin Fibrous Histiocytoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 523	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Necrosis	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Mixed Cell Focus TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 523	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000463

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 6-4]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-12]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Adenoma	
		Fibroadenoma	
		Fibrosis	Focal, Mild
		Hyperplasia	Minimal
[Adenoma TGLS = 3-11]			
[Fibroadenoma TGLS = 2-13]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 524	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 301
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Ear		Inflammation	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Pelvis	Inflammation	Suppurative, Mild
* Liver		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11+12]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
[Hyperplasia TGLS = 2-13]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Moderate
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 525	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Mixed Cell Focus TGLS = 3,4-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland		Cyst	Marked
		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Cyst TGLS = 2-12]			
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 5-10]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 525	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000465

ORGAN AND ACCOUNTABLE SITE STATUS

		Cytoplasmic Alteration	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 526	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Nose	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 7-8]			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Schwannoma Malignant	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Minimal
		Fatty Change	Diffuse, Minimal
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 526	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000466

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocellular Adenoma TGLS = 9-6]			
[Hyperplasia TGLS = 8-7+13]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Inflammation	Chronic Active, Moderate
		Necrosis	Marked
		Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLS = 2-12]			
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 3,4,5-10+14]			
Vagina		Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLS = 6-15]			
PRIMARY CAUSE OF DEATH	- Uterus Sarcoma Stromal		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 527	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: Both optic nerves missing.			
Harderian Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 527	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000467

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 528	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000468

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 529	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000469

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 530	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Atrophy	Minimal
		Hypertrophy	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Mixed Cell Focus TGLS = 2-7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 530	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000470

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 531	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 680
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One eye and both optic nerves missing.			
* Heart		Schwannoma Malignant	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiofibrosis	Mild
		Fatty Change	Diffuse, Minimal
	Portal	Fibrosis	Mild
		Hepatocyte, Multinucleate	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
Note: Median lobe cannibalized.			
[Hyperplasia TGLS = 2-6+11]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Note: Right lung cannibalized,			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 531	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 680
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000471

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 1-3]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Mild
* Trachea	Peritrach Tiss	Schwannoma Malignant	Metastatic (Heart)
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Heart Schwannoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 532	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiocarcinoma	
		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 532	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000472

ORGAN AND ACCOUNTABLE SITE STATUS

[Cholangiocarcinoma TGLS = 2-11]			
* Lung			
Note: Left lung frozen for NTP.			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 533	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Cholangiocarcinoma	
		Eosinophilic Focus	Multiple
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Cholangiocarcinoma TGLS = 2-6]			
[Mixed Cell Focus TGLS = 3-12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 533	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000473

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
Note: Arteries in multiple organs were necrotic and inflamed and necrotic.			
* Ovary		Atrophy	Marked
* Pancreas	Artery	Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 534	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
		Stromal Nephroma	
Note: Several epithelial elements in the tumor appeared squamous. These may have been trapped, possibly metaplastic transitional cells or a component of the tumor.			
[Stromal Nephroma TGLS = 2-12]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
	Bile Duct	Fibrosis	Minimal
		Inflammation	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 3-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 534	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000474

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 5-14]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
* Nose	Nasolacrim Dct, Respirat Epith	Hyperplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Cyst	Mild
		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Uterus		Metaplasia	Squamous, Moderate
	Cervix	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	- Kidney Stromal Nephroma		

Animal Note: TGL 4 = NCL

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 535	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000475

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 536	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Fatty Change	Focal, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Eosinophilic Focus TGLS = 7-11]			
[Mixed Cell Focus TGLS = 5,6-6+14]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 536	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000476

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 4-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-12+13]			
* Nose	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Inflammation	Suppurative, Mild
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Mild
* Uterus		Hemorrhage	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hemorrhage TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 537	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 454
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
[Cyst TGLS = 3-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Mixed Cell Focus TGLS = 4,5-6+7+13]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 537	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 454
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000477

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 538	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Ovary

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 3-6+7+11]			
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-12]			
Lymph Node	Mediastinal	Inflammation	Suppurative, Mild
[Inflammation TGLS = 5-11]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 538	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000478

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Turbinate	Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Mild
Note: Respiratory epithelial metaplasia of olfactory epithelium occurred in areas of suppurative inflammation.			
* Pancreas		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
[Adenoma TGLS = 4-8]			
* Uterus		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 2-13]			
PRIMARY CAUSE OF DEATH	- Uterus Inflammation		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 539	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 403
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* 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	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One eye missing except for lens.			
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Suppurative, Mild
[Hyperplasia TGLS = 1-10]			

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 540	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
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, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Moderate
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Esophagus	Muscularis	Degeneration	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-11]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 4-12]			
Oral Mucosa	Gingival	Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 540	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000480

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
Note: The cyst observed at necropsy appeared to be a bursal cyst which was lost in processing.			
* Pancreas	Artery	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Mild
		Polyp Stromal	
[Hyperplasia TGLS = 2-10]			
[Polyp Stromal TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 541	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Adrenal Medulla		Angiectasis	Moderate
		Hyperplasia	Mild
		Pheochromocytoma Complex	
[Pheochromocytoma Complex TGLS = 2-11]			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: One optic nerve missing,			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 3-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 541	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000481

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 4-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Suppurative, Mild
[Hyperplasia TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 542	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Cyst TGLS = 2-11]			
[Mixed Cell Focus TGLS = 1-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 542	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000482

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Cyst	Mild
		Inflammation	Chronic Active, Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 543	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Atrophy	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Cholangiocarcinoma TGLS = 4-12]			
[Hyperplasia TGLS = 3,5-6+7+11]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 543	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000483

ORGAN AND ACCOUNTABLE SITE STATUS

		Metaplasia	Squamous, Mild
[Infiltration Cellular TGLS = 6-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-13+14]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
* Pancreas	Artery	Inflammation	Chronic Active, Marked
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland		Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 544	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000484

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 545	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 3-11]			
* Lung		Cystic Keratinizing Epithelioma	
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
		Metaplasia	Squamous, Mild
Note: Left lung frozen for NTP.			
[Cystic Keratinizing Epithelioma TGLS = 6-4]			
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 545	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000485

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 2-10]			
* Pancreas	Artery	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Hyperkeratosis	Mild
		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 546	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 547	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Ovary	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Hemorrhage	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 548	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Thymus
OBSERVATIONS			
* Liver		Inflammation	Mild
* Pancreas	Acinus	Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 549	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 550	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 551	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
[Cyst TGLS = 3-10]			
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Pelvis	Inflammation	Suppurative, Mild
		Mineralization	Minimal
* Liver		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLS = 4-6+7+13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 551	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000491

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Inflammation	Mild
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 552	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000492

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 553	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 1-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 553	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000493

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Marked

Note: Focal areas of the uterus were distended with a keratin-like material and inflammatory cells.
[Metaplasia TGLS = 2-11]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 554	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Medulla			
Note: One medulla missing.			
* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Moderate
		Hyperplasia	Marked
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Mineralization	Minimal
* Liver		Cholangiocarcinoma	
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Cholangiocarcinoma TGLS = 3-13]			
[Mixed Cell Focus TGLS = 5-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 554	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000494

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 4-14]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		
CONTRIBUTORY CAUSE OF DEATH	- Liver Cholangiocarcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 555	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000495

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 556	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Moderate
* Uterus		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Marked
Note: Uterus dilated and filled with keratin debri. [Metaplasia TGLS = 1-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 557	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000497

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 558	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 559	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 331
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* 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		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
Note: One clitoral gland missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocyte, Multinucleate	Mild
		Inflammation	Mild
		Pigmentation	Mild
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 4-11]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 5-10]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Uterus	Cervix	Cyst	Mild
		Inflammation	Suppurative, Moderate
[Cyst TGLS = 2-12]			
[Inflammation TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 559	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 331
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000499

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Uterus Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 560	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000500
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Mild
[Hyperplasia TGLS = 1-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 561	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 3-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11+12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 561	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000501

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 562	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 163
	DOSE: 300 NG/KG	**DISP:** Dosing Accident	**HISTO:** 2000502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	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, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Esophagus	Periesoph Tiss	Inflammation	Suppurative, Moderate
Eye			
Note: One optic nerve missing.			
* Heart	Epicardium	Inflammation	Chronic Active, Moderate
* Kidney		Mineralization	Minimal
* Liver		Fatty Change	Diffuse, Mild
* Lung		Congestion	Mild
	Serosa	Inflammation	Suppurative, Moderate
[Congestion TGLS = 3-3+4]			
[Inflammation TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Ovary		Atrophy	Marked
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 563	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 531
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Lymphoma Malignant	
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-11]			
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Mineralization	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Lymphoma Malignant	
		Pigmentation	Mild
[Lymphoma Malignant TGLS = 2-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 563	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 531
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000503

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
		Pigmentation	Minimal
[Lymphoma Malignant TGLS = 1-5]			
* Stomach, Forestomach		Edema	Mild
		Hyperplasia	Squamous, Mild
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 564	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000504

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 565	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	Eye	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
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Esophagus	Muscularis	Inflammation	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 3,4-6+7+12]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 565	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000505

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 566	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 567	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 568	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver		Inflammation	Mild
		Mixed Cell Focus	
		Pigmentation	Mild
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 569	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 570	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
* Liver	Bile Duct	Cyst	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
Note: The cyst contained a mucinous material.			
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 571	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
[Cyst TGLS = 3-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Cyst TGLS = 7-12]			
[Eosinophilic Focus TGLS = 5,6-7+12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 571	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000511

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 8-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Ovary		Cyst	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Cervix	Sarcoma Stromal	
[Sarcoma Stromal TGLS = 4-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 572	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000512

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 573	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 546
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 574	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 1-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland		Cyst	Moderate
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 574	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000514

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
[Adenoma TGLS = 4-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 575	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Angiectasis	Mild
		Hyperplasia	Mild
		Pheochromocytoma Benign	
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 575	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000515

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 576	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: Both optic nerves missing.			
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
		Fatty Change	Focal, Mild
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Necrosis	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Fatty Change TGLS = 3-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 576	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000516

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Uterus		Hemorrhage	Moderate
	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 577	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 531
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Bone		Osteopetrosis	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
		Hyperplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 577	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 531
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000517

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 578	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 578	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000518

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Moderate

Note: One horn was distended with a proteinaceous exudate, inflammatory cells and a keratin-like material.
[Metaplasia TGLS = 1-10]

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 579	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Pelvis	Inflammation	Suppurative, Mild
		Mineralization	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Oral Mucosa	Gingival	Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 579	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000519

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 2-1]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Hyperkeratosis	Mild
		Hyperplasia	Squamous, Mild
		Ulcer	Mild
[Hyperkeratosis TGLS = 3-6]			
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	- Oral Mucosa Gingival Squamous Cell Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 580	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Cholangiofibrosis	Mild
	Bile Duct	Cyst	Marked
	Portal	Fibrosis	Mild
	Bile Duct	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Mild
	Artery	Inflammation	Chronic Active, Mild
		Inflammation	Moderate
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild

Note: There was inflammation and ulceration of the mucosa of the bile duct cyst.
[Cyst TGLS = 3-11]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 580	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000520

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Plasma Cell, Mild
[Hemorrhage TGLS = 4-12]			
[Hyperplasia TGLS = 4-12]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
Mesentery	Artery	Inflammation	Chronic Active, Marked
Note: Multiple organs were affected with the inflammation and necrosis of arteries.			
[Inflammation TGLS = 5-13]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 2-10]			
* Pancreas	Acinus	Atrophy	Moderate
	Artery	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Mild
[Atrophy TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
PRIMARY CAUSE OF DEATH	- Liver Bile Duct Cyst		
CONTRIBUTORY CAUSE OF DEATH	- Liver Inflammation;Liver Necrosis;Mesentery Artery Inflammation		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 581	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 599
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
[Degeneration TGLS = 3-8]			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Necrosis	Moderate
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Necrosis	Moderate
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Necrosis TGLS = 2-12]			
* Lung		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 581	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 599
	DOSE: 300 NG/KG	**DISP:** Natural Death	**HISTO:** 2000521

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
		Metaplasia	Squamous, Moderate
[Infiltration Cellular TGLS = 4-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Cyst	Mild
[Cyst TGLS = 6-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Uterus		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 582	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000522

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 583	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Nose	* Parathyroid Gland
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
* Kidney		Nephropathy	Mild
* Liver		Cytoplasmic Alteration	Mild
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Necrosis	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
Note: There was a pronounced centrilobular vacuolization of hepatocytes compatable with glycogen.			
[Pigmentation TGLS = 2-6+7+12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 583	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000523

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Mild
		Inflammation	Chronic Active, Minimal
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Minimal
[Adenoma TGLS = 4-8]			
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Hyperkeratosis	Minimal
		Hyperplasia	Squamous, Mild
		Ulcer	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 584	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 247
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Heart	Myocardium	Inflammation	Moderate
Note: One Harderian gland missing.			
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-9]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11+12]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 585	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 40
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone	Osteopetrosis	Mild
* Bone Marrow	Hyperplasia	Marked
* Kidney	Mineralization	Minimal
* Liver	Inflammation	Minimal
* Lung	Inflammation	Chronic Active, Mild
Note: The inflammation was primarily around vessels and bronchioles.		
* Salivary Glands	Carcinoma	
	Inflammation	Acute, Minimal
[Carcinoma TGLS = 1-11]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH - Salivary Glands Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 586	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000526

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 587	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 328
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 588	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
		Hypertrophy	Marked
[Hypertrophy TGLS = 8-8]			
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 7-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6-3+4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 588	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000528

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland		Fibroadenoma	Multiple
Note: In one fibroadenoma (slide 14) there was squamous metaplasia and keratin accumulation.			
[Fibroadenoma TGLS = 1,2,3,4,5-11+12+13+14+15]			
* Ovary		Atrophy	Marked
Oviduct		Inflammation	Chronic Active, Moderate
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 589	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Necrosis	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Necrosis	Moderate
		Pigmentation	Mild
[Necrosis TGLS = 3-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 4-3+4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 2-10]			
* Pituitary Gland		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 589	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000529

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Moderate
		Necrosis	Mild
[Hyperplasia TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Liver Necrosis		
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 590	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Degeneration	Cystic, Minimal
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 3-10]			
Eye		Cataract	Moderate
		Edema	Moderate
Note: There was a proteinaceous material in the vitreous body.			
* Heart		Cardiomyopathy	Minimal
* Kidney	Papilla	Angiectasis	Mild
	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 590	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000530

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 4,5-14]			
[Mixed Cell Focus TGLS = 4,5-14]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 7-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Pancreas		Inflammation	Chronic Active, Minimal
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 6-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 591	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 592	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			

OBSERVATIONS

* Liver	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 593	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Parathyroid Gland
* Thymus			
OBSERVATIONS			
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 594	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 595	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 596	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 300 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000536

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 597	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 2-12]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 597	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 300 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000537

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 598	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 3-10]			
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 4-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 598	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 300 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000538

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
* Ovary		Atrophy	Marked
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 601	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Cholangiofibrosis	Minimal
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate
[Hyperplasia TGLS = 5-6+7+12]			
[Mixed Cell Focus TGLS = 3-6+7+12]			
* Lung		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 601	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000539

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 6-3+4]			
* Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 1-11]			
[Fibroadenoma TGLS = 2-13]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
Note: Arteries from multiple organs were inflamed and necrotic.			
* Ovary		Atrophy	Marked
* Pancreas	Artery	Inflammation	Chronic Active, Minimal
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Adenomyosis	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
	Artery	Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: TGL 4 = NCL			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 602	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart	Myocardium	Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Mild
	Bile Duct	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Mixed Cell Focus TGLS = 1,2-6+7+13]			
* Lung		Cystic Keratinizing Epithelioma	
		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 602	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000540

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
[Cystic Keratinizing Epithelioma TGLS = 4-3]			
[Infiltration Cellular TGLS = 6-4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-12]			
Oral Mucosa	Gingival	Hyperplasia	Squamous, Moderate
Note: There was chronic-active inflammation and hyperkeratosis associated with the squamous cell hyperplasia.			
* Ovary		Atrophy	Marked
* Pancreas	Artery	Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 7-14]			
* Uterus	Cervix	Hyperplasia	Stromal, Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal
[Hyperplasia TGLS = 5-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 603	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

Eye	Harderian Gland	* Lymph Node, Mandibular	* Parathyroid Gland
* Salivary Glands	* Thyroid Gland		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Calculus Micro Observation Only	
	Pelvis	Dilatation	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
		Necrosis	Moderate
[Calculus Micro Observation Only TGLS = 7-5]			
[Dilatation TGLS = 5-5]			
[Inflammation TGLS = 6-5]			
* Liver		Cholangiocarcinoma	
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
		Hyperplasia	Nodular
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 4-11]			
[Hyperplasia TGLS = 10-6+7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 603	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000541

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 9-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
Note: One ovary missing.			
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 8-8]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Minimal
* Uterus		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Moderate
Note: One uterine horn contained a keratin-like material and the other was dilated with a suppurative exudate.			
[Inflammation TGLS = 3-10]			

PRIMARY CAUSE OF DEATH	- Kidney	Necrosis	
CONTRIBUTORY CAUSE OF DEATH	- Kidney	Inflammation;Liver	Cholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 604	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 573
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
Blood Vessel	Aorta	Mineralization	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: Both optic nerves missing.			
* Heart		Degeneration	Moderate
		Mineralization	Mild
* Kidney		Mineralization	Moderate
		Nephropathy	Moderate
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Necrosis	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild
[Hypertrophy TGLS = 2,3-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 604	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 573
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000542

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Minimal
		Mineralization	Mild
		Thrombosis	Mild
Lymph Node	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-11]			
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Artery	Inflammation	Chronic Active, Moderate
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas	Acinus	Atrophy	Moderate
		Inflammation	Chronic Active, Mild
	Artery	Mineralization	Mild
[Atrophy TGLS = 4-11]			
* Parathyroid Gland		Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Mineralization	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Moderate
Note: One horn filled with a keratin-like material.			
[Metaplasia TGLS = 1-10]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 605	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 535
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
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, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder		

MISSING

* Esophagus	* Heart	* Lung	* Lymph Node, Mandibular
* Parathyroid Gland	* Salivary Glands	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
	Bile Duct	Fibrosis	Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Necrosis	Moderate
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 605	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 535
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000543

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-11]		
* Ovary	Atrophy	Marked
* Spleen	Pigmentation	Mild
* Uterus	Hemorrhage	Moderate
	Inflammation	Suppurative, Mild

Note: The lumen of the uterus was dilated with blood and an eosinophilic proteinaceous exudate.
[Hemorrhage TGLS = 1-10]

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 606	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Mild
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Mixed Cell Focus TGLS = 1-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 606	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000544

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
Mesentery	Artery	Inflammation	Chronic Active, Mild
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 607	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 320
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary		Atrophy	Marked
* Skin		Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
		Ulcer	Mild
[Ulcer TGLS = 2-11]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 607	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 320
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000545

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Skin Fibrous Histiocytoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 608	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000546

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 609	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Medulla			
Note: One medulla missing.			
* Adrenal Cortex		Angiectasis	Moderate
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Esophagus	Muscularis	Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate

[Mixed Cell Focus TGLS = 1,2-6+7]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 609	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000547

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Mild
		Polyp Stromal	
[Hyperplasia TGLS = 4-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 610	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000548

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 611	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: Both optic nerves missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 3-12]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Lymph Node	Lumbar	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 611	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000549

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-12]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Adenomyosis	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 612	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000550

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 613	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000551

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 614	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000552

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 615	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000553

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 616	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000554

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 617	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Pancreas		
OBSERVATIONS			
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 618	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
		Necrosis	Minimal
		Pigmentation	Mild
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 619	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 185
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Kidney		Stromal Nephroma	
[Stromal Nephroma TGLS = 1-12]			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Sarcoma	Metastatic (Kidney)
Note: The tumor was a metastatic stromal nephroma (mesenchymal tumor).			
* Mammary Gland		Hyperplasia	Mild
Mesentery		Sarcoma	Metastatic (Kidney)
Note: The tumor was a metastatic stromal nephroma (mesenchymal tumor).			
[Sarcoma TGLS = 3-11]			
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Kidney Stromal Nephroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 620	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Pancreas			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
Note: The cyst contained neutrophils and a proteinaceous material. [Cyst TGLS = 1-4]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 621	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* 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	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiofibrosis	Moderate
	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate

[Mixed Cell Focus TGLS = 1,2,3-6+7+11+12+13]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 621	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000559

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
* Ovary		Cyst	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild
[Adenoma TGLS = 4-8]			
* Uterus		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 622	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Degeneration	Cystic, Moderate
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Mild
		Nephropathy	Moderate
* Liver		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 622	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000560

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 2-12]			
[Mixed Cell Focus TGLS = 1-11]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Hyperplasia	Minimal
* Nose	Turbinate	Cyst	Minimal
Oral Mucosa	Gingival	Hyperplasia	Squamous, Minimal
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 623	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000561

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 624	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Minimal
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Necrosis	Moderate
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 624	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000562

ORGAN AND ACCOUNTABLE SITE STATUS

[Mixed Cell Focus TGLS = 1-6+7+12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 4-4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 5-13]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
		Inflammation	Suppurative, Mild
[Inflammation TGLS = 2-11]			
Oviduct		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild
[Carcinoma TGLS = 3-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 625	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hyperplasia	Moderate
Note: One adrenal was atrophic.			
* Adrenal Medulla		Angiectasis	Mild
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 5-8]			
* Clitoral Gland	Duct	Cyst	Marked
		Inflammation	Minimal
Eye			
Note: Both optic nerves missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiofibrosis	Minimal
	Bile Duct	Cyst	Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 625	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000563

ORGAN AND ACCOUNTABLE SITE STATUS

		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Hyperplasia TGLS = 6-12]			
[Hypertrophy TGLS = 1-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
[Cystic Keratinizing Epithelioma TGLS = 3-4]			
Lymph Node	Mediastinal	Carcinoma	Metastatic (Thyroid Gland)
Note: The metastatic tumor was a C-cell carcinoma.			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Moderate
	Artery	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Moderate
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 4-8]			
Tissue NOS		Carcinoma	
Note: The tissue of origin for a second carcinoma (adenocarcinoma) on slide 8 could not be determined. Possibly of uterine origin.			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 626	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Ovary	* Pancreas	
OBSERVATIONS			
* Kidney		Nephroblastoma	
[Nephroblastoma TGLS = 1-6]			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
* Lung		Nephroblastoma	Metastatic (Kidney)
[Nephroblastoma TGLS = 2-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-2]			
* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 627	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 628	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 629	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 630	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
OBSERVATIONS			
* Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 631	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 667
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild
[Eosinophilic Focus TGLS = 2-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 1-3+4]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate

Note: The arteries of multiple organs were inflammed and necrotic.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 631	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 667
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000569

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Bilateral, C Cell	Adenoma	
* Uterus		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Liver Necrosis;Mesentery Artery Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 632	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye	Retina	Atrophy	Moderate
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Mixed Cell Focus TGLS = 7-6+7+15]			
* Lung		Adenocarcinoma	Mucinous
		Cystic Keratinizing Epithelioma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 632	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000570

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
Note: There was mucin-like material and fibrosis associated with the broncho-alveolar tumor.			
[Adenocarcinoma TGLS = 4-3]			
[Cystic Keratinizing Epithelioma TGLS = 5,6-3+14]			
* Lymph Node, Mandibular		Ectasia	Moderate
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2,3-11+12+13]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma		
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 633	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000571

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 634	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 614
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Blood Vessel	* Bone	* Brain	* Esophagus
Eye	Harderian Gland	* Intestine Large, Cecum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
MISSING			
* Adrenal Cortex	* Adrenal Medulla	* Clitoral Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Moderate
Eye			
Note: Both optic nerves missing.			
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 635	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 628
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* 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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: Both optic nerves missing.			
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Necrosis	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Hyperplasia TGLS = 1-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 635	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 628
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000573

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 3-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Animal Note: TGL 2 = NCL

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 636	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000574

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 637	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Marked
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Cystic Keratinizing Epithelioma	
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Oral Mucosa	Gingival	Hyperplasia	Squamous, Minimal
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 637	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000575

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 638	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	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, Mesenteric
* Nose	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Moderate
		Hypertrophy	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 5-10]			
* Esophagus	Muscularis	Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Nephropathy	Mild
* Liver		Cholangiofibrosis	Moderate
	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Minimal
		Hepatocellular Adenoma	
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild
[Hepatocellular Adenoma TGLS = 3-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 638	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000576

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-11]			
[Hypertrophy TGLS = 3-11+12]			
[Mixed Cell Focus TGLS = 4-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-13+14]			
Oral Mucosa	Gingival	Hyperplasia	Squamous, Minimal
* Ovary		Atrophy	Marked
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Parathyroid Gland		Adenoma	
* Pituitary Gland		Angiectasis	Minimal
		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 639	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Medulla			
Note: One medulla missing.			
* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Cholangiofibrosis	Moderate
		Fatty Change	Diffuse, Minimal
		Hepatocellular Adenoma	
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 639	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000577

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Hepatocellular Adenoma TGLS = 2,3-6]			
[Hyperplasia TGLS = 4,5,6-11+12+13]			
[Mixed Cell Focus TGLS = 2,3-7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Mild
[Infiltration Cellular TGLS = 7-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 640	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Mild
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiofibrosis	Minimal
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 640	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000578

ORGAN AND ACCOUNTABLE SITE STATUS

[Eosinophilic Focus TGLS = 8-18]			
[Hyperplasia TGLS = 7-18]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Lymph Node	Lumbar	Ectasia	Mild
[Ectasia TGLS = 6-17]			
* Lymph Node, Mesenteric		Ectasia	Mild
[Ectasia TGLS = 9-6]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
Note: Slide 16 was an additional section of mammary gland not a mesenteric fat nodule.			
[Fibroadenoma TGLS = 3-11]			
* Ovary		Cyst	Mild
Oviduct		Cyst	Marked
[Cyst TGLS = 2-12]			
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Skin		Squamous Cell Carcinoma	
Note: The squamous cell carcinoma appeared to arise from a keratoacanthoma.			
[Squamous Cell Carcinoma TGLS = 4-15]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Metaplasia	Squamous, Marked
Note: The lumen was distended with a keratin-like material.			
[Metaplasia TGLS = 1-13+14]			

PRIMARY CAUSE OF DEATH	- Skin Squamous Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 641	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Ovary	* Pancreas	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 642	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 643	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 644	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Necrosis	Minimal
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 645	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver		Cholangiofibrosis	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
* Ovary		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 646	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 637
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	Multiple
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild

[Cholangiocarcinoma TGLS = 4-13]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 646	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 637
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000584

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-13]			
[Mixed Cell Focus TGLS = 5,6-6+7+14]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 7-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas	Acinus	Atrophy	Mild
		Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Cholangiocarcinoma;Liver Hyperplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 647	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* 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	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Atrophy	Minimal
		Hypertrophy	Mild
Note: One adrenal atrophic.			
[Adenoma TGLS = 1-8]			
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Hydrocephalus	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Mineralization	Mild
		Nephropathy	Mild
* Liver		Cholangiofibrosis	Minimal
		Hepatocyte, Multinucleate	Moderate
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 647	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000585

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
		Metaplasia	Squamous, Mild
[Metaplasia TGLS = 3-3+4]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pancreas	Artery	Inflammation	Chronic Active, Marked
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 2-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 648	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000586

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 649	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye	Antr Chamber	Inflammation	Suppurative, Moderate
	Cornea	Inflammation	Suppurative, Moderate
Note: Both optic nerves missing.			
[Inflammation TGLS = 1-00]			
* Kidney		Nephropathy	Moderate
* Liver		Cholangiocarcinoma	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Pigmentation	Marked
		Toxic Hepatopathy	Moderate
[Cholangiocarcinoma TGLS = 2,3-12]			
[Hyperplasia TGLS = 4-6+7+11]			
* Lung		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 649	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000587

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Mild
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Artery	Inflammation	Chronic Active, Moderate
Note: Arteries in multiple organs were inflamed and necrotic.			
* Nose	Respirat Epith	Hyperplasia	Moderate
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 6-1]			
* Ovary		Cyst	Mild
		Cystadenoma	
* Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Chronic Active, Marked
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 5-8]			
* Spleen		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Oral Mucosa Gingival Squamous Cell Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Liver Cholangiocarcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 650	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 498
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: Both optic nerves missing.			
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 1-6+7+11]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-1]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Oral Mucosa Gingival Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 651	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	Multiple
		Cholangiofibrosis	Mild
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Hyperplasia TGLS = 5,6-12+13]			
[Hypertrophy TGLS = 11-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 651	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000589

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
Note: Left lung frozen for NTP.			
[Cystic Keratinizing Epithelioma TGLS = 7,8-4]			
[Infiltration Cellular TGLS = 9-4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-15]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 10-14]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	-		
Animal Note: TGLs 2, 3, 4 = NCL			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 652	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 678
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
Blood Vessel	Aorta	Mineralization	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Cholangiocarcinoma	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate
[Cholangiocarcinoma TGLS = 3,4-7+11]			
* Lung		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 652	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 678
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000590

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Moderate
	Duct	Hyperplasia	Marked
	Artery	Inflammation	Chronic Active, Mild
	Duct	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 2-12]			
[Inflammation TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Hyperkeratosis	Mild
		Hyperplasia	Squamous, Mild
		Ulcer	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Liver Cholangiocarcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 653	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 574
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
Eye	* 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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal medulla was present.			
* Adrenal Cortex		Angiectasis	Minimal
		Atrophy	Moderate
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
Note: One adrenal was atrophic and contained abundant pigment.			
[Atrophy TGLS = 4-8]			
* Bone	Cartilage	Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 653	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 574
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000591

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 3-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Suppurative, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,5-11+12+13]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 654	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000592

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 655	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Angiectasis	Moderate
		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 6-8]			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
Note: One clitoral gland missing.			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Eosinophilic Focus TGLS = 3-6]			
[Hyperplasia TGLS = 4-7]			
* Lung		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 655	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000593

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 5-3+4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 2-10]			
Oviduct		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Minimal
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 656	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 657	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 658	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 659	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 660	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 661	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Moderate
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
Note: One adrenal atrophic.			
[Degeneration TGLS = 3-8]			
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 661	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000599

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-10]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 662	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000600

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 663	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cytoplasmic Alteration	Mild
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Cytoplasmic Alteration TGLS = 1-11]			
[Mixed Cell Focus TGLS = 2-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 663	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000601

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 3-3+4]			
* Ovary		Atrophy	Marked
* Pancreas	Artery	Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 664	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Hyperplasia TGLS = 3,4-6+7+12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 5-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 664	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000602

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Moderate

Note: One horn of the uterus was dilated with a keratin-like material and inflammatory cells.
[Metaplasia TGLS = 2-10]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 665	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 678
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Esophagus		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-12]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver	Hepatocyte	Degeneration	Minimal
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild
[Eosinophilic Focus TGLS = 6-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 665	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 678
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000603

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
		Metaplasia	Squamous, Mild
[Cystic Keratinizing Epithelioma TGLS = 3,4,5-3+4+11]			
[Infiltration Cellular TGLS = 7-12]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 666	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Mild
	Portal	Fibrosis	Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Necrosis	Moderate
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate

[Mixed Cell Focus TGLS = 4-6+7]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 666	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000604

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
		Metaplasia	Squamous, Minimal
[Infiltration Cellular TGLS = 7-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2,3-11+12+13]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 667	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Degeneration	Cystic, Minimal
		Hyperplasia	Moderate
		Hypertrophy	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: Both optic nerves missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Cyst	Marked
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 667	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000605

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Hyperplasia TGLS = 2,3-11+12]			
[Mixed Cell Focus TGLS = 4-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Ectasia	Moderate
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Nose	Glands, Nasolacrim Dct	Hyperplasia	Marked
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 668	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* 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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adren Medulla			
Note: One medulla missing.			
* Adrenal Cortex		Atrophy	Moderate
		Degeneration	Cystic, Moderate
		Hyperplasia	Marked
		Hypertrophy	Mild
Note: One adrenal atrophic.			
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 2-10]			
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiofibrosis	Minimal
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 668	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000606

ORGAN AND ACCOUNTABLE SITE STATUS

	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Mixed Cell Focus TGLS = 3-12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Squamous Cell Carcinoma	
Note: Left lung frozen for NTP.			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 5-10]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		
Animal Note: TGL 4 = NCL			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 669	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Eosinophilic Focus TGLS = 3-6+7+13]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Lymph Node, Mesenteric		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 669	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000607

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
		Cyst	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Adenoma	
		Metaplasia	Squamous, Minimal
[Adenoma TGLS = 5-12]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 670	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 714
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Medulla			
Note: One adrenal medulla missing.			
* Adrenal Cortex		Hypertrophy	Mild
		Necrosis	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Necrosis	Mild
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 670	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 714
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000608

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Moderate
[Eosinophilic Focus TGLS = 3-6+7]			
[Fatty Change TGLS = 2-6+7]			
[Hypertrophy TGLS = 3-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	
Note: The mass was a fibroadenoma with large cystic areas, inflammation, squamous metaplasia and mineralization.			
[Fibroadenoma TGLS = 1-12]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Moderate
		Thrombosis	Moderate
Note: The mass in the left horn was formed of clotted blood, inflammatory cells and keratin.			
[Thrombosis TGLS = 4-11]			

PRIMARY CAUSE OF DEATH	- Uterus Thrombosis
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 671	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 327
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	Eye
Harderian Gland	* Heart	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mesenteric	* Stomach, Forestomach
* Stomach, Glandular			

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Ovary		Atrophy	Marked
Note: One ovary missing.			
* Spleen		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-10]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 672	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Degeneration	Cystic, Minimal
		Hypertrophy	Marked
Note: One adrenal atrophic.			
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Cholangiofibrosis	Minimal
		Cholangioma	
	Bile Duct	Cyst	Mild
		Degeneration	Cystic, Mild
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Mild
		Mixed Cell Focus	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 672	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000610

ORGAN AND ACCOUNTABLE SITE STATUS

		Necrosis	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Mixed Cell Focus TGLS = 4-12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 8-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 3-10]			
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
		Inflammation	Granulomatous, Focal, Mild
[Adenoma TGLS = 10-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Mild
[Adenoma TGLS = 9-8]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 672	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000610

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: TGLs 5,6,7 = NCL

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 673	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Minimal
[Hyperplasia TGLS = 5-8]			
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Angiectasis	Mild
		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
		Thrombosis	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiofibrosis	Mild
		Fatty Change	Diffuse, Mild
		Hepatocellular Adenoma	
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 673	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000611

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Hepatocellular Adenoma TGLS = 2,3-11]			
[Hyperplasia TGLS = 2,3-6+7]			
[Mixed Cell Focus TGLS = 3-6+7+11]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
Note: Left lung frozen for NTP.			
[Cystic Keratinizing Epithelioma TGLS = 6,7-3+4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 4-12]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Carcinoma	
	Follicular Cel	Hypertrophy	Mild
[Carcinoma TGLS = 8-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 674	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-5]			
* Liver		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild
[Hyperplasia TGLS = 4-11]			
* Lung		Cystic Keratinizing Epithelioma	
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 674	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000612

ORGAN AND ACCOUNTABLE SITE STATUS

[Cystic Keratinizing Epithelioma TGLS = 7-4]			
Lymph Node	Lumbar	Ectasia	Mild
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
[Ectasia TGLS = 5-12]			
[Hyperplasia TGLS = 6-13]			
Mesentery	Artery	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 8-6+12]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Polyp Stromal	
	Cervix	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 2-14]			
PRIMARY CAUSE OF DEATH	- Uterus Cervix Schwannoma Malignant		
CONTRIBUTORY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 675	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000613

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 676	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 677	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Ovary		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 678	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Ovary	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 679	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Ovary		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 680	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
* Ovary		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 681	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 702
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Degeneration	Cystic, Moderate
		Hyperplasia	Marked
[Hyperplasia TGLS = 5-8]			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Bile Duct	Fibrosis	Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
		Metaplasia	Squamous, Minimal
[Infiltration Cellular TGLS = 3-3+4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 681	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 702
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000619

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Mesentery	Artery	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 4-12]			
* Pancreas	Artery	Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 683	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 714
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Degeneration	Cystic, Moderate
		Hyperplasia	Moderate
Note: One adrenal atrophic.			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 4-5]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	
		Pigmentation	Mild
		Toxic Hepatopathy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 683	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 714
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000621

ORGAN AND ACCOUNTABLE SITE STATUS

[Eosinophilic Focus TGLS = 5-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
		Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLS = 6-3+4]			
Lymph Node	Lumbar	Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLS = 3-13]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
		Sarcoma Stromal	Metastatic (Uterus)
[Inflammation TGLS = 2-12]			
[Sarcoma Stromal TGLS = 2-12]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas	Acinus	Atrophy	Moderate
	Artery	Inflammation	Chronic Active, Mild
		Inflammation	Chronic Active, Mild
		Sarcoma Stromal	Metastatic (Uterus)
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
		Sarcoma Stromal	Metastatic (Uterus)
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland		Cyst	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Moderate
		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	- Uterus Sarcoma Stromal		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 684	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 440
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Thrombosis	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Minimal
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 2,3-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 684	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 440
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000622

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 685	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Marked
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiofibrosis	Mild
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate
[Hyperplasia TGLS = 1,2,3,4-11+12+13+14+15+16]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 685	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000623

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Artery	Inflammation	Chronic Active, Moderate
* Nose	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Inflammation	Suppurative, Moderate
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 5-10]			
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 686	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Minimal
[Hyperplasia TGLS = 4-8]			
* Bone Marrow		Hyperplasia	Moderate
* Brain		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-11]			
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
* Liver		Cholangiofibrosis	Mild
		Fatty Change	Diffuse, Mild
	Bile Duct	Fibrosis	Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 686	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 550 NG/KG	**DISP:** Natural Death	**HISTO:** 2000624

ORGAN AND ACCOUNTABLE SITE STATUS

		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Mixed Cell Focus TGLS = 2-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 5-11]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-12]			
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	- Brain Hemorrhage		
CONTRIBUTORY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma;Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 687	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
[Cyst TGLS = 6-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Marked
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
	Artery	Inflammation	Chronic Active, Mild
		Inflammation	Mild
		Mixed Cell Focus	
		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Eosinophilic Focus TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 687	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000625

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 3-4]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 7-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 4-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 5-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 688	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild

[Eosinophilic Focus TGLS = 4-6+7]
[Hyperplasia TGLS = 3-11]
[Mixed Cell Focus TGLS = 4-6+7]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 688	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000626

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
		Metaplasia	Squamous, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-12+13]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
[Adenoma TGLS = 6-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 689	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Moderate
		Hypertrophy	Mild
[Degeneration TGLS = 3-8]			
[Hyperplasia TGLS = 3-8]			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney	Transit Epithe	Carcinoma	
	Transit Epithe	Hyperplasia	Marked
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 2-5]			
* Liver		Basophilic Focus	Multiple
	Bile Duct	Cyst	Mild
		Fatty Change	Focal, Minimal
		Hepatocellular Adenoma	
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 689	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000627

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Hepatocellular Adenoma TGLS = 6-13]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
Lymph Node	Pancreatic	Hyperplasia	Plasma Cell, Mild
* Lymph Node, Mandibular		Ectasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas		Cyst	Mild
	Duct	Inflammation	Chronic Active, Moderate
Note: The pancreatic duct was dilated, part of the lining epithelium was ulcerated and there was marked inflammation of the wall.			
[Inflammation TGLS = 4-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild
		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 5-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 690	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000628

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 691	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Lung	* Pancreas	
OBSERVATIONS			
* Liver		Fatty Change	Focal, Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 692	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-6]			
* Ovary		Atrophy	Marked
* Spleen		Infarct	Moderate
		Pigmentation	Minimal
[Infarct TGLS = 1-2]			
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 693	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Pancreas		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
* Ovary		Atrophy	Marked
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 694	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex			
OBSERVATIONS			
* Liver		Cholangiofibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 695	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Ovary	* Pancreas	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 696	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Brain		Carcinoma	Metastatic (Pituitary Gland)
[Carcinoma TGLS = 3-9]			
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Mixed Cell Focus TGLS = 2-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 696	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 550 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000634

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary		Atrophy	Marked
		Cyst	Moderate
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Carcinoma	
		Cytoplasmic Alteration	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Moderate
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

Animal Note: TGL 1 = NCL

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 697	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Mineralization	Minimal
* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Marked
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	
		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Eosinophilic Focus TGLS = 5-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 697	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: 550 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000635

ORGAN AND ACCOUNTABLE SITE STATUS

[Cystic Keratinizing Epithelioma TGLS = 2,4-3+4+12]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
Mesentery	Artery	Inflammation	Chronic Active, Mild
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Chronic Active, Mild
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
		Cyst	Moderate
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma

Animal Note: Arteries of multiple organs were necrotic and inflammed.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 698	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 550 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000636

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 701	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Marked
* Bone Marrow		Hyperplasia	Mild
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 1-11]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 3-4]			
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 701	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000637

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 702	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 284
	DOSE: 1000 NG/KG/STOP	**DISP:** Natural Death	**HISTO:** 2000638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
* Heart		Cardiomyopathy	Mild
		Thrombosis	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Moderate
		Pigmentation	Mild
Note: The liver necrosis was centrilobular.			
* Ovary		Atrophy	Marked
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 703	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 502
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Liver	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Inflammation	Minimal
		Pigmentation	Mild
[Eosinophilic Focus TGLS = 2-12]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 703	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 502
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000639

ORGAN AND ACCOUNTABLE SITE STATUS

	C Cell	Hyperplasia	Mild
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 704	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Marked
		Hypertrophy	Marked
Note: One adrenal was atrophic.			
[Atrophy TGLS = 3-8]			
[Hypertrophy TGLS = 2-8]			
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Note: Left lung frozen for NTP.			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 4-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 704	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000640

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Pigmentation	Mild
* Thyroid Gland	Bilateral, C Cell	Adenoma	
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 705	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
[Cyst TGLS = 3-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	Multiple
	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Mild
	Bile Duct	Fibrosis	Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 4-6+7+11]			
* Lung			
Note: Left lobe of lung frozen for NTP.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 705	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000641

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-12+13]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 5-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 706	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	Multiple
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 3,4,5-6+7+11+12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Metaplasia TGLS = 6-3+4]			
* Mammary Gland		Cyst	Moderate
		Fibroadenoma	Multiple
[Cyst TGLS = 7-15]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 706	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000642

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1,2-13+14]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 707	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	Multiple
		Eosinophilic Focus	Multiple
		Hepatocyte, Multinucleate	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
* Mammary Gland		Carcinoma	
		Cyst	Moderate
		Fibroadenoma	Multiple
		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 707	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000643

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 4-14]			
[Fibroadenoma TGLS = 1,2,3-11+12+13]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 708	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	Lacrimal Gland	* 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	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 3-10]			
Eye	Antr Chamber	Inflammation	Suppurative, Moderate
	Cornea	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-00]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Mild
		Hepatocyte, Multinucleate	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 708	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000644

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	- Oral Mucosa Gingival Squamous Cell Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 709	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Marked
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Cyst TGLS = 4-11]			
[Mixed Cell Focus TGLS = 5-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lobe of lung frozen for NTP.			
[Infiltration Cellular TGLS = 8-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 7-9]			
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 2,3-12+13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 709	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000645

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Bilateral, C Cell	Adenoma	
[Adenoma TGLS = 6-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 710	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 454
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Marked
Note: One adrenal was atrophic.			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Focal, Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 1,3,4-6+12+13]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 710	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 454
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000646

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Forestomach		Edema	Mild
		Hyperplasia	Squamous, Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 711	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* 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, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Atrophy	Minimal
		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 2-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 3-4]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 711	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000647

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	Mild
[Cyst TGLS = 1-10]			
* Pancreas	Acinus	Atrophy	Mild
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 5-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland		Angiectasis	Mild
	C Cell	Carcinoma	
	C Cell	Hyperplasia	Moderate
[Carcinoma TGLS = 4-8]			
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 712	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 712	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000648

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal
Oral Mucosa	Gingival	Hyperplasia	Squamous, Moderate
Note: The squamous hyperplasia formed a cyst-like structure next to the tooth that was filled with keratin and inflammatory cells. Foreign material was also present.			
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 1,4-10]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Marked
Note: The uterine horns were distended with a keratin-like material and inflammatory cells.			
[Metaplasia TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 713	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Ear	* 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	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Fatty Change TGLS = 3-12]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 4-3]			
* Mammary Gland		Cyst	Moderate
		Fibroadenoma	
[Cyst TGLS = 2-13]			
[Fibroadenoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 713	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000649

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 7-10]			
* Parathyroid Gland		Cyst	Mild
		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 8-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Adenoma	
	Endometrium	Hyperplasia	Cystic, Moderate
[Adenoma TGLS = 5-12]			
[Hyperplasia TGLS = 6-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 714	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	Eye	* 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	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Pelvis	Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal

[Mixed Cell Focus TGLS = 3,4,5-6+7+11+12]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 714	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000650

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 7-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-13]			
* Ovary		Atrophy	Marked
		Granulosa-Theca Tumor Benign	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Cyst	Moderate
[Cyst TGLS = 6-12]			
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-11]			
* Spleen		Pigmentation	Mild
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 715	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* 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	* Nose
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Cystic, Moderate
		Hypertrophy	Marked
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	Multiple
		Cholangiocarcinoma	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Cholangiocarcinoma TGLS = 5-11]			
[Mixed Cell Focus TGLS = 4-6+7+12]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 6-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 715	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000651

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 2,3-13+14]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas	Acinus	Atrophy	Mild
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 716	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 2-10]			
* Pancreas		Inflammation	Chronic Active, Minimal
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 716	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000652

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Inflammation	Suppurative, Mild
	Metaplasia	Squamous, Marked

Note: The lumen of the uterus was distended with a keratin-like material.
[Metaplasia TGLS = 1-11]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 717	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
Note: One adrenal was atrophic.			
[Atrophy TGLS = 5-8]			
[Degeneration TGLS = 4-8]			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Mild
	Bile Duct	Fibrosis	Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 717	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000653

ORGAN AND ACCOUNTABLE SITE STATUS

		Mixed Cell Focus	Multiple
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild
[Fatty Change TGLS = 3-12]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Minimal
[Hematopoietic Cell Proliferation TGLS = 2-5]			
* Thyroid Gland	C Cell	Adenoma	
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Urinary Bladder		Inflammation	Mild
* Uterus		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-11]			

PRIMARY CAUSE OF DEATH - Uterus Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 718	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Carcinoma	
Note: One adrenal was atrophic.			
[Carcinoma TGLS = 2-12]			
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 5-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Nose	Nasolacrim Dct	Inflammation	Moderate
Oral Mucosa	Pharyngeal	Hyperplasia	Squamous, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 718	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000654

ORGAN AND ACCOUNTABLE SITE STATUS

Note: The squamous hyperplasia was over the hard palate and there was hyperkeratosis associated with the hyperplasia.
[Hyperplasia TGLS = 3-13]

* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 4-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 719	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
Eye	* 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Angiectasis	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 3-10]			
Harderian Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 719	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000655

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
		Cyst	Mild
Oviduct		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Moderate
* Uterus		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Marked
Note: The lumen of the uterus was filled with a keratin-like material and inflammatory cells.			
[Metaplasia TGLS = 5-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 720	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Mild
		Hypertrophy	Marked
		Necrosis	Mild
[Adenoma TGLS = 6-8]			
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
[Cyst TGLS = 1-10]			
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 5,8-6+7+11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 720	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000656

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 7-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Cyst	Moderate
		Fibroadenoma	
		Hyperplasia	Minimal
[Cyst TGLS = 4-13]			
[Fibroadenoma TGLS = 2-14]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin		Cyst	Squamous, Mild
[Cyst TGLS = 3-12]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 721	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Fatty Change	Focal, Minimal
		Inflammation	Minimal
		Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 721	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000657

ORGAN AND ACCOUNTABLE SITE STATUS

Oral Mucosa	Gingival	Hyperplasia	Squamous, Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 722	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 1000 NG/KG/STOP	**DISP:** Natural Death	**HISTO:** 2000658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: Both optic nerves missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 4-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 2,3-11+12]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 722	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 1000 NG/KG/STOP	**DISP:** Natural Death	**HISTO:** 2000658

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus		Metaplasia	Squamous, Moderate

Note: There was squamous metaplasia of the epithelium of both uterine horns and the lumen of one was dilated.

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 723	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
		Hypertrophy	Marked
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Brain		Astrocytoma Malignant	
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 7-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 8-3+4]			
* Mammary Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 723	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000659

ORGAN AND ACCOUNTABLE SITE STATUS

		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3,4,5-11+12+13+14+15]			
* Ovary		Atrophy	Marked
* Pancreas		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Atrophy	Mild
		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Suppurative, Minimal
[Hyperplasia TGLS = 6-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 724	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 637
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Moderate
[Inflammation TGLS = 2-10]			
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 4-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 724	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 637
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000660

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 725	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 411
	DOSE: 1000 NG/KG/STOP	**DISP:** Natural Death	**HISTO:** 2000661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland

AUTO PRECLUDES DIAG.

* Pancreas

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: Both optic nerves missing.			
* Kidney		Mineralization	Minimal
* Lung		Hemorrhage	Mild
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: TGL 1 = NCL (the area of the liver where the nodule was grossly observed was too autolysed to be recognized)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 726	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Uterus
Vagina			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Moderate
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 727	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Uterus	Vagina
OBSERVATIONS			
* Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 728	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Uterus	Vagina		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Acinus	Atrophy	Minimal
		Inflammation	Chronic Active, Minimal
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 729	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Islets, Pancreatic	* Lung	* Mammary Gland
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	Vagina		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 730	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Uterus	Vagina	

OBSERVATIONS

* Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 731	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Cholangiocarcinoma	Multiple
		Degeneration	Cystic, Mild
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 1,2,3,4-6+7+11+12+13-11]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 731	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000667

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 5,6-3+15]			
Lymph Node	Mediastinal	Ectasia	Mild
[Ectasia TGLS = 7-15]			
* Mammary Gland		Hyperplasia	Moderate
Mesentery	Artery	Inflammation	Chronic Active, Moderate
Note: Arteries in multiple organs were inflamed and necrotic.			
* Pancreas	Acinus	Atrophy	Moderate
	Artery	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Vagina			
Note: The lumens of both uterine horns were dilated but this was considered a physiologic change.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 732	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* 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, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Spleen

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hyperplasia	Moderate
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Brain		Hemorrhage	Mild
		Inflammation	Suppurative, Focal, Moderate
		Necrosis	Focal, Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye	Antr Chamber	Inflammation	Suppurative, Moderate
	Cornea	Inflammation	Suppurative, Mild
Harderian Gland		Inflammation	Mild
[Inflammation TGLS = 1-00]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Cholangiocarcinoma	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 732	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000668

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 4-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 3-3+4+11+12]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 2-9]			
* Ovary		Atrophy	Marked
* Stomach, Forestomach		Hyperkeratosis	Minimal
		Hyperplasia	Squamous, Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Moderate
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH	- Lung	Cystic Keratinizing Epithelioma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Cholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 733	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 663
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
Eye	Cornea	Inflammation	Suppurative, Moderate
	Optic Nerve	Squamous Cell Carcinoma	Metastatic (Oral Mucosa)
[Inflammation TGLS = 1-00]			
Harderian Gland		Squamous Cell Carcinoma	Metastatic (Oral Mucosa)
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 5-13]			
* Lung		Cystic Keratinizing Epithelioma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 733	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 663
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000669

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 3-4+11]			
* Nose	Nasopharyn Dct, Respirat Epith	Hyperplasia	Moderate
	Turbinate	Inflammation	Suppurative, Mild
		Squamous Cell Carcinoma	Metastatic (Oral Mucosa)
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 4,6-12+14]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-10]			
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Vacuolization Cytoplasmic	Mild
* Pituitary Gland		Squamous Cell Carcinoma	Metastatic (Oral Mucosa)
Note: The squamous carcinoma infiltrated the capsule around the pituitary.			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Oral Mucosa Gingival Squamous Cell Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 734	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 663
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Bile Duct	Fibrosis	Mild
	Portal	Fibrosis	Mild
		Hepatocholangioma	
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 734	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 663
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000670

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Cyst TGLS = 5-11]			
[Hepatocholangioma TGLS = 3-13]			
[Hyperplasia TGLS = 3-6+7+13]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mesenteric		Ectasia	Mild
[Ectasia TGLS = 1-6]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
Note: Multiple arteries in various organs were inflamed and necrotic.			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Carcinoma	
	Artery	Inflammation	Chronic Active, Marked
	Acinus	Vacuolization Cytoplasmic	Mild
[Carcinoma TGLS = 4-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pancreas Acinus Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Liver Cholangiocarcinoma;Liver Hepatocholangioma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 735	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000671

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 736	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 530
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Bone Marrow		Atrophy	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: Both optic nerves missing.			
* Kidney	Pelvis	Hemorrhage	Moderate
[Hemorrhage TGLS = 3-5]			
* Liver		Fatty Change	Diffuse, Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Necrosis	Moderate
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
Note: The liver necrosis was centrilobular.			
[Toxic Hepatopathy TGLS = 2-11]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 736	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 530
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000672

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-9]		
* Ovary	Atrophy	Marked
* Pituitary Gland	Cyst	Minimal
* Spleen	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 737	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 188
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	Eye	* 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
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adren Cortex			
Note: One adrenal missing.			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephroblastoma	
		Nephropathy	Minimal
[Nephroblastoma TGLS = 1-11]			
* Liver		Hepatocyte, Multinucleate	Minimal
		Inflammation	Minimal
* Pancreas	Artery	Inflammation	Chronic Active, Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephroblastoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 738	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
[Nephropathy TGLS = 2-5]			
* Liver		Cholangiofibrosis	Mild
	Bile Duct	Cyst	Minimal
	Portal	Fibrosis	Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Mild
		Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 738	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000674

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 4,5-6+7+12]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
		Metaplasia	Squamous, Mild
[Cystic Keratinizing Epithelioma TGLS = 6,7-3+12]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Mild
Mesentery	Fat	Necrosis	Mild
Note: The necrotic fat was on the capsule of the spleem.			
[Necrosis TGLS = 1-11]			
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-10]			

PRIMARY CAUSE OF DEATH	- Liver	Necrosis
CONTRIBUTORY CAUSE OF DEATH	- Lung	Cystic Keratinizing Epithelioma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 739	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000675

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 740	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000676

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 741	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Uterus	Vagina		

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 742	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	Vagina

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Mild
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 743	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Uterus
Vagina			

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 744	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	Vagina		

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 745	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Islets, Pancreatic	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Uterus	Vagina
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 746	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Islets, Pancreatic	* Lung	* Mammary Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	Vagina
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Moderate
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 1-5,6]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 747	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	Vagina
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 748	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Islets, Pancreatic	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	Vagina

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Moderate
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Hyperplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 1-4]			
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Uterus		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 749	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	Vagina	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Mixed Cell Focus TGLS = 1-5,6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Minimal
		Inflammation	Chronic Active, Minimal
	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Cervix	Cyst	Moderate
		Metaplasia	Squamous, Mild

Note: The cyst was adjacent to the cervix and contained a keratin-like material.
[Cyst TGLS = 2-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 750	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Uterus	Vagina

MISSING

* Thymus

OBSERVATIONS

* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 751	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Ear	* 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
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Mineralization	Minimal
		Necrosis	Moderate
		Nephropathy	Moderate
[Nephropathy TGLS = 1-5]			
* Liver		Angiectasis	Mild
		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
		Degeneration	Cystic, Mild
		Fatty Change	Diffuse, Mild
	Portal	Fibrosis	Minimal
		Hepatocellular Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 751	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000687

ORGAN AND ACCOUNTABLE SITE STATUS

		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Marked
[Hepatocellular Adenoma TGLS = 6,7-6]			
[Hyperplasia TGLS = 6,7-7+11]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 2,3,4,5-3+4]			
Mesentery	Artery	Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 8-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Mild

PRIMARY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 752	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 309
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
Eye			
Note: One eye except for lens missing.			
* Kidney	Pelvis	Dilatation	Marked
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
[Dilatation TGLS = 1-5]			
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Spleen	Red Pulp	Atrophy	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Ureter	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 752	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 309
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000688

ORGAN AND ACCOUNTABLE SITE STATUS

		Metaplasia	Squamous, Mild
[Hyperplasia TGLS = 2-11]			
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 753	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Marked

[Cholangiocarcinoma TGLS = 3-6+7]
[Hyperplasia TGLS = 2,3,4,5,6-6+7+12+13+14]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 753	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000689

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
[Cystic Keratinizing Epithelioma TGLS = 7-16]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Mesentery		Inflammation	Chronic Active, Moderate
Note: The inflammation was a focal area.			
* Ovary		Atrophy	Marked
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
	Acinus	Vacuolization Cytoplasmic	Mild
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Moderate
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 754	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* 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

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
Note: One adrenal was atrophic.			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiofibrosis	Moderate
	Hepatocyte	Degeneration	Mild
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 754	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000690

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Moderate
[Hyperplasia TGLS = 3-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 4,5-12+13]			
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Hemorrhage	Mild
[Ectasia TGLS = 6-3]			
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-11]			

PRIMARY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma
CONTRIBUTORY CAUSE OF DEATH	- Oral Mucosa Gingival Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 755	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 621
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-10]			
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-5]			
* Liver		Eosinophilic Focus	
		Fatty Change	Diffuse, Mild
	Bile Duct	Fibrosis	Minimal
		Hepatocellular Adenoma	
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Marked
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 755	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 621
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000691

ORGAN AND ACCOUNTABLE SITE STATUS

[Eosinophilic Focus TGLS = 3,4-7]			
[Hepatocellular Adenoma TGLS = 5-12]			
[Hyperplasia TGLS = 3,4-6+11]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 6,7-3+13]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Moderate
		Inflammation	Chronic Active, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Metaplasia	Squamous, Minimal
		Polyp Stromal	

PRIMARY CAUSE OF DEATH	- Lung	Cystic Keratinizing Epithelioma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Eosinophilic Focus

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 756	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	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	* Lymph Node, Mesenteric	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Marked
Eye	Retina	Atrophy	Mild
Note: Both optic nerves missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Cholangiofibrosis	Moderate
		Fatty Change	Diffuse, Mild
	Portal	Fibrosis	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocholangioma	Multiple
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Marked
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 756	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000692

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Marked
[Hepatocellular Adenoma TGLS = 1,2,3,4-12+13]			
[Hepatocholangioma TGLS = 1,2,3,4-11]			
[Hyperplasia TGLS = 1,2,3,4-6+7+11+12+13]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
Note: Left lung frozen for NTP.			
[Cystic Keratinizing Epithelioma TGLS = 6,7-16+17]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 5-15]			
* Nose	Nasolacrim Dct, Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Moderate
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland		Adenoma	
	Follicular Cel	Hyperplasia	Marked
		Infiltration Cellular	Lymphocyte, Mild
[Hyperplasia TGLS = 8-8]			
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 757	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder	* Uterus	

MISSING

Eye	Harderian Gland	* Heart	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands
* Thymus	* Thyroid Gland	* Trachea	

AUTO PRECLUDES DIAG.

* Pancreas

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hyperplasia	Moderate
Note: One adrenal was atrophic.			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Mild
	Portal	Fibrosis	Moderate
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Necrosis	Moderate
		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 1-11]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 757	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000693

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	- Liver Necrosis		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 758	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 72
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland	* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Mineralization	Minimal
* Liver		Cytoplasmic Alteration	Moderate
		Inflammation	Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Mineralization	Mild
[Mineralization TGLS = 2-11]			
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 759	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* 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	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 2-10]			
Harderian Gland		Inflammation	Minimal
* Kidney	Transit Epithe	Hyperplasia	Moderate
	Pelvis	Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	
		Cholangiofibrosis	Moderate
		Fatty Change	Diffuse, Mild
		Hepatocholangioma	
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Marked
[Hepatocholangioma TGLS = 5-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 759	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000695

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: No lung masses were present in block/slide 3.			
[Cystic Keratinizing Epithelioma TGLS = 6-4+15+16]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Cyst	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Ureter	Transit Epithe	Hyperplasia	Marked
		Mineralization	Marked
Note: The lumen of the ureter contained calculi.			
[Hyperplasia TGLS = 3,7-13]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Marked
		Inflammation	Moderate
Note: TGL 4 was not a vaginal lesion but appeared to be the neck of the bladder with hyperplastic epithelium.			
[Hyperplasia TGLS = 4,8-5+14]			

PRIMARY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma
CONTRIBUTORY CAUSE OF DEATH	- Ureter Transit Epithe Hyperplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 760	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Nose	* Parathyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Islets, Pancreatic

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
		Lymphoma Malignant	
		Vacuolization Cytoplasmic	Moderate
[Atrophy TGLS = 5-8]			
Blood Vessel	Aorta	Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Clitoral Gland	Duct	Cyst	Minimal
Eye	Retina	Atrophy	Moderate
Note: One optic nerve missing.			
* Heart		Lymphoma Malignant	
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Islets Panc			
Note: The islets of the pancreas were obliterated by the malignant lymphoma.			
* Kidney	Transit Epithe	Hyperplasia	Mild
		Lymphoma Malignant	
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 760	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000696

ORGAN AND ACCOUNTABLE SITE STATUS

	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Lymphoma Malignant	
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Lymphoma Malignant TGLS = 6-12]			
* Lung		Cystic Keratinizing Epithelioma	
		Infiltration Cellular	Histiocyte, Minimal
		Lymphoma Malignant	
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Mild
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-6]			
* Mammary Gland		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11]			
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-13]			
* Ovary		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-10]			
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Lymphoma Malignant	
* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
		Pigmentation	Minimal
[Lymphoma Malignant TGLS = 8-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 760	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000696

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Hyperplasia	Squamous, Mild
		Lymphoma Malignant	
		Ulcer	Mild
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-3]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-10]			
PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 761	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hyperplasia	Marked
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
Note: One adrenal was atrophic.			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-10]			
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Mild
		Mixed Cell Focus	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 761	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000697

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Mixed Cell Focus TGLS = 6-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Cystic Keratinizing Epithelioma TGLS = 2,3,4,5,8-4+12+13+14+15]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 7-11]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Ovary		Atrophy	Moderate
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 762	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000698

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 763	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 763	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000699

ORGAN AND ACCOUNTABLE SITE STATUS

		Mixed Cell Focus	Multiple
		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 1,3-11+12]			
[Mixed Cell Focus TGLS = 2-6+7]			
* Lung		Cystic Keratinizing Epithelioma	
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Ectasia	Moderate
* Mammary Gland		Hyperplasia	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 764	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 621
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
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
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Esophagus		Cyst	Mild
Note: The esophageal lesion was a keratin filled cyst or diverticulum.			
[Cyst TGLS = 6-13]			
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 3-5]			
* Liver		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Moderate
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 4-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 764	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 621
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000700

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Mesentery	Artery	Inflammation	Chronic Active, Moderate
Note: Vessels in multiple organs were inflamed and necrotic.			
[Inflammation TGLS = 7-12]			
* Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Chronic Active, Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-11]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 765	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Casts Protein	Minimal
		Mineralization	Minimal
* Liver		Cholangiocarcinoma	
		Cholangiofibrosis	Moderate
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
	Portal	Fibrosis	Mild
		Hepatocyte, Multinucleate	Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 765	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000701

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Minimal
		Mixed Cell Focus	
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate
[Cholangiocarcinoma TGLS = 4-7]			
[Cholangiofibrosis TGLS = 3-11]			
[Eosinophilic Focus TGLS = 2-6]			
[Hepatodiaphragmatic Nodule TGLS = 1-11]			
[Hyperplasia TGLS = 5-12]			
* Lung		Cystic Keratinizing Epithelioma	
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Artery	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Moderate
Note: The lesion thought to originate in the mesenteric lymph node at necropsy was a cyst-like structure in the mesentery with a thick fibrous wall.			
[Inflammation TGLS = 6-12]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Mild
		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Liver Hyperplasia		
CONTRIBUTORY CAUSE OF DEATH	- Liver Cholangiocarcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 766	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 562
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
Note: More pigment than usual was present one adrenal that was atrophic.			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	
		Cholangiofibrosis	Minimal
		Fatty Change	Diffuse, Mild
		Hepatocellular Adenoma	
		Hepatocyte, Multinucleate	Moderate
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 766	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 562
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000702

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Marked
[Hepatocellular Adenoma TGLS = 2-11]			
[Hyperplasia TGLS = 2-11]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
Mesentery		Inflammation	Chronic Active, Mild
Note: The inflammation involved the surface ofthe mesentery. See slide 10.			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 1-10]			
* Pancreas	Acinus	Atrophy	Moderate
		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH	-
CONTRIBUTORY CAUSE OF DEATH	- Liver Cholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 767	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 611
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiofibrosis	Mild
		Eosinophilic Focus	
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Hypertrophy TGLS = 2-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 767	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 611
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000703

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
		Squamous Cell Carcinoma	
[Cystic Keratinizing Epithelioma TGLS = 4-4+13+14]			
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-11]			
[Lymphoma Malignant TGLS = 6-12]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Cyst	Moderate
		Hyperplasia	Minimal
[Cyst TGLS = 3-10]			
* Nose	Turbinate	Inflammation	Suppurative, Mild
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	- Lung Squamous Cell Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 768	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000704

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 769	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Marked
		Carcinoma	
		Hypertrophy	Minimal
		Mineralization	Mild

Note: One adrenal was atrophic and contained more pigment than was usual.
[Atrophy TGLS = 4-8]
[Carcinoma TGLS = 5-8]

* Clitoral Gland	Duct	Cyst	Minimal
* Kidney	Pelvis	Dilatation	Moderate
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
	Pelvis	Metaplasia	Squamous, Mild
	Papilla	Necrosis	Mild
		Nephropathy	Mild

[Dilatation TGLS = 2-5]
[Nephropathy TGLS = 3-5]

* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
	Bile Duct	Fibrosis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 769	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000705

ORGAN AND ACCOUNTABLE SITE STATUS

		Hepatocellular Adenoma	
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Marked
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Eosinophilic Focus TGLS = 6-6+7]			
[Hepatocellular Adenoma TGLS = 7-7]			
* Lung		Carcinoma	Metastatic (Adrenal Cortex)
		Cystic Keratinizing Epithelioma	Multiple
		Hemorrhage	Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
		Mineralization	Mild
[Cystic Keratinizing Epithelioma TGLS = 8,9,10-4+11]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
[Atrophy TGLS = 1-5]			
Ureter	Transit Epithe	Hyperplasia	Mild
		Metaplasia	Squamous, Moderate
		Mineralization	Moderate
Note: The lumen of the ureter was dilated and contained a calculus.			
[Mineralization TGLS = 11-12]			
* Urinary Bladder		Inflammation	Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 770	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Hyperplasia TGLS = 2-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 770	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000706

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Cystic Keratinizing Epithelioma TGLS = 1-4+11+12+13]			
* Ovary		Atrophy	Moderate
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma		
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocyte Hypertrophy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 771	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 8-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangioma	
		Fatty Change	Diffuse, Mild
		Hepatocellular Adenoma	
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 2,3-6+7+11+13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 771	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000707

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocellular Adenoma TGLS = 3-7]			
[Hyperplasia TGLS = 3-6]			
* Lung		Cystic Keratinizing Epithelioma	
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Mild
Note: Left lung frozen for NTP.			
[Cystic Keratinizing Epithelioma TGLS = 1-12]			
* Lymph Node, Mandibular		Ectasia	Mild
[Ectasia TGLS = 4-9]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 6-14]			
Oral Mucosa	Gingival	Hyperplasia	Squamous, Marked
Note: The oral mucosa was hyperplastic around the tooth and had formed a keratin filled cyst-like structure but lacked cellular atypia of a tumor.			
[Hyperplasia TGLS = 9-15]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Marked
[Adenoma TGLS = 7-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Thymus		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 772	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 547
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
Eye			
Note: One optic nerve missing.			
* Heart	Epicardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate
[Eosinophilic Focus TGLS = 1-6+7+12]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 772	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 547
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000708

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Cystic Keratinizing Epithelioma TGLS = 2-4+13+14+15]			
Lymph Node	Mediastinal	Angiectasis	Mild
	Mediastinal	Pigmentation	Mild
[Angiectasis TGLS = 3-11]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 773	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Ear	* 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
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hyperplasia	Moderate
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
Note: One clitoral gland missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Basophilic Focus	Multiple
		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Moderate
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 773	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000709

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 7,8,9-6+7+13]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 3,4,5-3+4+14]			
[Infiltration Cellular TGLS = 6-3+4]			
Oral Mucosa	Gingival	Cyst	Squamous, Mild
* Ovary		Atrophy	Marked
Note: One ovary missing.			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus		Adenoma	Multiple
		Hemorrhage	Mild
[Adenoma TGLS = 1,2-11+12]			

PRIMARY CAUSE OF DEATH	- Liver	Hyperplasia
CONTRIBUTORY CAUSE OF DEATH	- Liver	Cholangiocarcinoma;Lung Cystic Keratinizing Epithelioma;Uterus Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 774	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 523
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	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, Mesenteric
* Mammary Gland	* Nose	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Esophagus	* Heart	* Lung	* Lymph Node, Mandibular
* Parathyroid Gland	* Salivary Glands	* Thymus	* Thyroid Gland

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* Pancreas

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One eye missing except for the lens.			
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH - Oral Mucosa Gingival Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 775	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 621
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
		Ulcer	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 5-5]			
* Liver		Cholangiofibrosis	Moderate
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 775	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 621
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000711

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-6+7+13]			
[Necrosis TGLS = 2-6+7+13]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 6-12]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Mild
	Duct	Hyperplasia	Mild
	Artery	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Mild
Note: There was ectasia and epithelial hyperplasia in the pancreatic duct with mild suppurative inflammation.			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Glandular	Glands	Ectasia	Mild
	Glands	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Fibrosis	Moderate
* Urinary Bladder		Inflammation	Minimal
* Uterus		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Mild
Note: The lumens of both uterine horns were mildly dilated.			

PRIMARY CAUSE OF DEATH	-
CONTRIBUTORY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma;Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 776	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Fibrosis	Minimal
		Hepatocyte, Multinucleate	Minimal
		Hepatodiaphragmatic Nodule	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-11]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Plasma Cell, Mild
* Ovary		Atrophy	Marked
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 776	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000712

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 777	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 454
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* 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	* Nose
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland	* Parathyroid Gland	* Thymus

OBSERVATIONS

* Adren Medulla			
Note: One medulla missing.			
* Adrenal Cortex		Hypertrophy	Moderate
* Bone		Osteosarcoma	
Note: TGL 1 was coded as originating from bone because of the tumor type and size of the lesion which made gross determination of origin impossible.			
[Osteosarcoma TGLS = 1-11]			
* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Kidney	Pelvis	Dilatation	Mild
		Mineralization	Minimal
		Nephropathy	Mild
[Dilatation TGLS = 4-5]			
* Liver		Cholangiofibrosis	Minimal
		Hepatocyte, Multinucleate	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 3-9]			
* Lymph Node, Mesenteric		Atrophy	Minimal
Note: Mesenteric lymph nodes found in block 6.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 777	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 454
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000713

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Cyst	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
Oviduct		Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Mild
		Inflammation	Chronic Active, Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Mild
[Atrophy TGLS = 2-5]			
* Stomach, Forestomach		Edema	Mild
		Hyperplasia	Squamous, Mild
Tooth	Peridont Tiss	Fibrosis	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 778	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 320
	DOSE: 1000 NG/KG/STOP	**DISP:** Dosing Accident	**HISTO:** 2000714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Pancreas	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Heart	Epicardium	Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-11]			
* Kidney		Mineralization	Minimal
* Liver		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Mild
		Pigmentation	Mild
Note: The necrosis was centrilobular.			
* Lung	Serosa	Inflammation	Suppurative, Moderate
Note: Inflammation was not observed in the left lung section. What was described as masses at necropsy were areas of inflammation.			
[Inflammation TGLS = 1-4]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
Note: One ovary missing.			
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 778	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 320
	DOSE: 1000 NG/KG/STOP	**DISP:** Dosing Accident	**HISTO:** 2000714

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 779	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 337
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Casts Protein	Minimal
		Mineralization	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild
[Hypertrophy TGLS = 2-6+7]			
* Lung		Carcinoma	Metastatic (Mammary Gland)
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Hyperplasia	Minimal

Note: TGL 1 was from the mammary gland and coded as of mammary gland origin. A prominent myoepithelial component was present.
[Carcinoma TGLS = 1-11+12]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 779	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 337
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000715

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 780	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* 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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Marked
		Hypertrophy	Marked
[Hypertrophy TGLS = 7-8]			
* Clitoral Gland		Inflammation	Mild
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	
		Clear Cell Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Cholangiocarcinoma TGLS = 5-13]			
[Mixed Cell Focus TGLS = 6-14]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 8-3+4]			
Lymph Node		Lymphoma Malignant	
Note: The affected lymph node was the axillary lymph node.			
[Lymphoma Malignant TGLS = 4-15]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 780	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000716

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Cyst	Moderate
		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2,3-11+12+15]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 781	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Medulla			
Note: One medulla missing.			
* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
		Hypertrophy	Marked
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
	Bile Duct	Cyst	Minimal
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Bile Duct	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal

[Eosinophilic Focus TGLS = 4-12]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 781	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000717

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Cyst	Moderate
		Hyperplasia	Moderate
[Cyst TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Bilateral, C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 782	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Casts Protein	Mild
		Mineralization	Minimal
* Liver		Basophilic Focus	Multiple
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Minimal
		Inflammation	Minimal
		Pigmentation	Mild
[Degeneration TGLS = 4-7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Cyst	Moderate
		Fibroadenoma	
		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 782	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000718

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-12]			
[Fibroadenoma TGLS = 1-11]			
* Nose	Turbinate	Inflammation	Suppurative, Minimal
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 783	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	Multiple
		Fatty Change	Focal, Minimal
		Hepatocyte, Multinucleate	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Mixed Cell Focus TGLS = 3-6+7+12]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Note: Left lung frozen for NTP.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Carcinoma	
		Hyperplasia	Minimal
[Carcinoma TGLS = 2-11]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 783	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000719

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 784	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 2,3-12+13]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 784	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000720

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 785	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 1000 NG/KG/STOP	**DISP:** Natural Death	**HISTO:** 2000721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
* Kidney		Casts Protein	Mild
		Mineralization	Minimal
* Liver		Hepatocyte, Multinucleate	Minimal
		Inflammation	Minimal
		Necrosis	Moderate
		Pigmentation	Mild
[Necrosis TGLS = 2-11]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 785	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 1000 NG/KG/STOP	**DISP:** Natural Death	**HISTO:** 2000721

ORGAN AND ACCOUNTABLE SITE STATUS

Note: The lumen of the uterus was filled with a proteinaceous material containing scattered erythrocytes and leukocytes.
[Hyperplasia TGLS = 1-10]

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 786	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
Eye			
Note: One optic nerve missing.			
* Heart	Artery	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 1-3+4]			
* Ovary		Cyst	Moderate
* Parathyroid Gland		Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 786	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000722

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 787	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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, Mesenteric	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Moderate
[Cyst TGLS = 2-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Multinucleated	Minimal
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 3-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 4-3+4+12]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 787	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000723

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 788	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
[Cyst TGLS = 4-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Angiectasis	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 7,8-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 5-3+4]			
* Mammary Gland		Cyst	Moderate
		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Cyst TGLS = 3-13]			
[Fibroadenoma TGLS = 1,2-11+12]			
[Hyperplasia TGLS = 3-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 788	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000724

ORGAN AND ACCOUNTABLE SITE STATUS

Oral Mucosa	Gingival	Hyperplasia	Squamous, Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 6-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 789	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 574
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 3-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 789	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 574
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000725

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 790	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Eye	* 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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Moderate
		Hypertrophy	Mild
[Hyperplasia TGLS = 7-8]			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Esophagus	Muscularis	Inflammation	Minimal
Harderian Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 8-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 9-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3,4-11+12+13+14]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 790	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000726

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Minimal
		Polyp Stromal	
[Hyperplasia TGLS = 6-15]			
[Polyp Stromal TGLS = 5-15]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 791	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* 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
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 4-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Left lung frozen for NTP.			
* Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Minimal
[Carcinoma TGLS = 2-12]			
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 791	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000727

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
[Adenoma TGLS = 3-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 792	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 328
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 2-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 792	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 328
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000728

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 793	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Minimal
Eye			
Note: One optic nerve missing.			
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 1-8]			
* Spleen		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 793	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000729

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 794	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 537
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Moderate
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One eye except for the lens missing.			
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 3-13]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 794	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 537
	DOSE: 1000 NG/KG/STOP	**DISP:** Moribund Sacrifice	**HISTO:** 2000730

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Iliac	Ectasia	Mild
[Ectasia TGLS = 2-12]			
* Lymph Node, Mesenteric		Atrophy	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 795	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 593
	DOSE: 1000 NG/KG/STOP	**DISP:** Natural Death	**HISTO:** 2000731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
[Cyst TGLS = 1-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Focal, Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Necrosis	Moderate
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3,4-11+12+13]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 795	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 593
	DOSE: 1000 NG/KG/STOP	**DISP:** Natural Death	**HISTO:** 2000731

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 796	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 2-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Cyst	Moderate
[Cyst TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 797	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* 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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Clitoral Gland		Inflammation	Minimal
Harderian Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Focal, Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 1,2-6+7+11]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: The left lung was frozen for NTP.			
[Infiltration Cellular TGLS = 5-4]			
* Nose	Respirat Epith	Hyperplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 3-10]			
* Pancreas	Artery	Inflammation	Chronic Active, Mild
* Skin		Cyst	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 797	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000733

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 4-12]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
[Hyperplasia TGLS = 6-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 798	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 611
	DOSE: 1000 NG/KG/STOP	**DISP:** Natural Death	**HISTO:** 2000734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
		Inflammation	Suppurative, Mild
Blood Vessel	Aorta	Mineralization	Mild
* Bone Marrow		Hyperplasia	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Moderate
		Mineralization	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	Multiple
		Hepatocyte, Multinucleate	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Mild
		Mineralization	Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 798	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 611
	DOSE: 1000 NG/KG/STOP	**DISP:** Natural Death	**HISTO:** 2000734

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Moderate
* Stomach, Glandular		Erosion	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 799	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 2-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 1-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland		Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 799	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000735

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 800	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Minimal
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Clear Cell Focus	Multiple
		Fatty Change	Focal, Mild
		Fatty Change	Diffuse, Mild
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 1-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 800	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1000 NG/KG/STOP	**DISP:** Terminal Sacrifice	**HISTO:** 2000736

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Ectasia	Moderate
[Ectasia TGLS = 4-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 801	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Minimal
		Necrosis	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Mild
* Intestine Small, Duodenum		Erosion	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 5-5]			
* Liver		Cholangiofibrosis	Moderate
	Hepatocyte	Degeneration	Mild
		Fatty Change	Diffuse, Minimal
	Portal	Fibrosis	Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 801	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000737

ORGAN AND ACCOUNTABLE SITE STATUS

	Hepatocyte	Hypertrophy	Marked
		Inflammation	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 2,3,4-6+7+12]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 6-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Liver	Hyperplasia
CONTRIBUTORY CAUSE OF DEATH	- Lung	Cystic Keratinizing Epithelioma;Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 802	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 243
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: Both optic nerves and one eye missing.			
* Kidney		Nephroblastoma	
[Nephroblastoma TGLS = 1-11]			
* Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Toxic Hepatopathy	Minimal
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Minimal
* Uterus			
Note: Dilatation of the uterine horns was considered physiologic.			

PRIMARY CAUSE OF DEATH - Kidney Nephroblastoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 803	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000739

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 804	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Moderate
	Bile Duct	Cyst	Moderate
		Fatty Change	Diffuse, Mild
	Portal	Fibrosis	Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 804	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000740

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2,3,4,5-6+7+11+12+13+14]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Thymus		Atrophy	Marked
Vagina		Cyst	Moderate
Note: The cyst was adjacent to the wall of the vagina. It contained a keratin-like material.			
[Cyst TGLS = 6-15]			

PRIMARY CAUSE OF DEATH	- Liver	Cholangiocarcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hyperplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 805	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 555
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adren Medulla			
Note: One adrenal medulla missing.			
* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart	Endocardium, Myocardium	Inflammation	Acute, Moderate
		Thrombosis	Moderate
Note: Numerous bacteria were present in the foci of inflammation and in the thrombi in the heart.			
* Kidney		Inflammation	Suppurative, Mild
		Mineralization	Minimal
		Nephropathy	Mild
Note: Bacteria were present in the foci of inflammation in the kidney.			
* Liver		Cholangiofibrosis	Mild
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Moderate
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 805	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 555
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000741

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 2-11]			
* Lung		Cystic Keratinizing Epithelioma	
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
		Squamous Cell Carcinoma	
Lymph Node	Mediastinal	Hemorrhage	Mild
[Hemorrhage TGLS = 3-12]			
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH	- Heart Thrombosis
CONTRIBUTORY CAUSE OF DEATH	- Oral Mucosa Gingival Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 806	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
[Cyst TGLS = 10-10]			
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Cholangiocarcinoma	
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 806	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000742

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 4-12]			
[Hyperplasia TGLS = 2,3-6+7+11]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Minimal
Note: Left lung mass saved for histopathology. Remainder of left lung frozen for NTP.			
[Cystic Keratinizing Epithelioma TGLS = 6,7,8,9-3+4+13+14]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Atrophy	Marked
Oviduct		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 5-10]			
* Pancreas	Acinus	Atrophy	Moderate
		Inflammation	Chronic Active, Moderate
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
		Pigmentation	Minimal
[Hematopoietic Cell Proliferation TGLS = 1-5]			
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 807	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 2-6]			
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Cholangiocarcinoma	
		Cholangiofibrosis	Moderate
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 807	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 1000 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 2000743

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-6+7]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: Left lung frozen for NTP.			
[Infiltration Cellular TGLS = 4-4]			
* Ovary		Atrophy	Marked
		Cyst	Marked
[Cyst TGLS = 3-10]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 808	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
Eye			
Note: Both optic nerves missing.			
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Mild
* Kidney		Casts Protein	Mild
		Mineralization	Minimal
* Liver	Hepatocyte	Degeneration	Mild
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate
[Hyperplasia TGLS = 3-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Cystic Keratinizing Epithelioma TGLS = 4,5,6-4+11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 808	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000744

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 2-10]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Metaplasia	Squamous, Marked
Note: The lumen of the uterus was dilated with a keratin-like material.			
[Metaplasia TGLS = 1-10]			

PRIMARY CAUSE OF DEATH - Lung Cystic Keratinizing Epithelioma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 809	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Carcinoma	
		Hypertrophy	Mild
Note: One adrenal atrophic.			
[Carcinoma TGLS = 5-12]			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Erosion	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 6-5]			
* Liver		Basophilic Focus	Multiple
		Cholangiocarcinoma	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocellular Adenoma	
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Mild
		Mixed Cell Focus	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 809	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000745

ORGAN AND ACCOUNTABLE SITE STATUS

		Necrosis	Moderate
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 4-11]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Cystic Keratinizing Epithelioma TGLS = 1,2,3-3+4+13]			
* Nose	Turbinate	Cyst	Mild
Note: Hemorrhage and fibrin in the turbinates was attributed to a fracture of the nose. An amorphous material probably from a cyst was present in the nasoturbinate.			
* Pancreas	Duct	Dilatation	Marked
[Dilatation TGLS = 8-12]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperkeratosis	Mild
		Hyperplasia	Squamous, Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Lung	Cystic Keratinizing Epithelioma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Cholangiocarcinoma;Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 810	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000746

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 811	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000747

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 812	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
Vagina			

OBSERVATIONS

* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 813	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	Vagina	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Mixed Cell Focus TGLS = 1-5,6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 814	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Islets, Pancreatic	* Lung	* Mammary Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	Vagina

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate
* Ovary		Atrophy	Moderate
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Marked

Note: Lumen filled with keratin-like debri.
[Metaplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 815	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000751

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 816	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	Vagina	
OBSERVATIONS			
* Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 817	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Uterus	Vagina	

OBSERVATIONS

* Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 818	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	Vagina

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Atrophy	Moderate
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 819	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Islets, Pancreatic	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Uterus	Vagina	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Necrosis	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 820	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 211
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	Vagina	

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Minimal
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 821	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Atrophy	Moderate
		Hyperplasia	Mild
		Hypertrophy	Mild
Note: One adrenal was atrophic.			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
[Cyst TGLS = 1-10]			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	
		Cholangiofibrosis	Mild
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Marked
	Bile Duct	Inflammation	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 821	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000757

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 4-3+4+11]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
* Ovary		Atrophy	Marked
* Pancreas	Duct	Dilatation	Marked
	Artery	Inflammation	Chronic Active, Mild
[Dilatation TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Minimal
* Stomach, Glandular	Artery	Inflammation	Chronic Active, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH	- Lung	Cystic Keratinizing Epithelioma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Cholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 822	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000758

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 823	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000759

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 824	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 258
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocyte, Multinucleate	Minimal
		Inflammation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11+12]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 825	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate
[Hyperplasia TGLS = 3-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 825	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000761

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 1,2-3+4]			
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Atrophy	Moderate
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Moderate
		Inflammation	Chronic Active, Moderate
* Spleen	Lymph Follic	Atrophy	Moderate
	Red Pulp	Atrophy	Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 826	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 531
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-10]			
Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 3-5]			
* Liver		Cholangiofibrosis	Minimal
	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Moderate
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
	Serosa	Inflammation	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 826	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 531
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000762

ORGAN AND ACCOUNTABLE SITE STATUS

		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 6-11]			
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 8,9-13+14]			
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Pigmentation	Mild
[Ectasia TGLS = 7-12]			
Oral Mucosa	Gingival	Hyperplasia	Squamous, Mild
* Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Acute, Mild
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
[Atrophy TGLS = 4-5]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH - Lung Cystic Keratinizing Epithelioma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 827	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000763

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 829	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 614
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Cholangiofibrosis	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Moderate
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 829	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 614
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000765

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3,4-7+12]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 6-13]			
* Nose	Vomeronas Org	Vacuolization Cytoplasmic	Mild
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas	Acinus	Atrophy	Mild
		Cyst	Mild
	Artery	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Moderate
[Cyst TGLS = 2-11]			
[Inflammation TGLS = 1-11]			
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- Lung Cystic Keratinizing Epithelioma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hyperplasia;Oral Mucosa Gingival Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 830	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
[Cyst TGLS = 1-10]			
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Cholangiofibrosis	Minimal
	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Mild
	Bile Duct	Fibrosis	Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Necrosis	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 830	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000766

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Marked
[Cyst TGLS = 3-13]			
[Hyperplasia TGLS = 2,4,5,6,7-6+7+11+12+14]			
Lymph Node	Pancreatic	Hemorrhage	Minimal
[Hemorrhage TGLS = 8-13]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
Mesentery	Artery	Inflammation	Chronic Active, Moderate
Oral Mucosa	Gingival	Hyperplasia	Squamous, Mild
* Ovary		Atrophy	Marked
Note: One ovary missing.			
* Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic Active, Mild
		Inflammation	Chronic Active, Mild
		Necrosis	Mild
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 831	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Uterus
Vagina			

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Ovary		Atrophy	Moderate
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 832	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Uterus	Vagina

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
* Ovary		Atrophy	Moderate
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 833	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Uterus	Vagina	

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
* Ovary		Atrophy	Mild
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 834	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Uterus
Vagina			

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 835	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	Vagina

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
* Spleen		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 836	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 394
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* 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	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lym Node Mand			
Note: Mandibular lymph node and salivary glands in block 10.			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Saliv Glands			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 836	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 394
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000772

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Salivary glands were in both blocks 9 and 10.			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 837	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 525
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
		Stromal Nephroma	
[Stromal Nephroma TGLS = 2-11]			
* Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Bile Duct	Fibrosis	Minimal
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Eosinophilic Focus TGLS = 7-6+7+15]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 837	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 525
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000773

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 4,5,9-3+4+14]			
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Hemorrhage	Mild
[Ectasia TGLS = 6-13]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 8-6]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 3-12]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 10-10]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
Skeletal Muscle		Inflammation	Chronic Active, Mild
Note: The inflammation of skeletal muscle involved pleural surface of abdominal muscle.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Kidney Stromal Nephroma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 838	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adren Medulla			
Note: One medulla was missing.			
* Adrenal Cortex		Angiectasis	Mild
		Atrophy	Moderate
		Hyperplasia	Moderate
		Hypertrophy	Mild
Note: One adrenal was atrophic.			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 6-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Cholangiocarcinoma	
		Fatty Change	Diffuse, Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
Note: The nodule on the diaphragm was a cholangiocarcinoma which had adhered to the diaphragm. The stalk of the tumor broke off at necropsy.			
[Cholangiocarcinoma TGLS = 7-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 838	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000774

ORGAN AND ACCOUNTABLE SITE STATUS

[Hypertrophy TGLS = 4,5-6+7]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Skin		Cyst	Squamous, Moderate
[Cyst TGLS = 1-12]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland		Atrophy	Marked
	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Moderate

Note: The left horn of the uterus was distended with a keratin-like material.
[Inflammation TGLS = 3-10]
[Metaplasia TGLS = 2-11]

PRIMARY CAUSE OF DEATH	- Liver Cholangiocarcinoma
CONTRIBUTORY CAUSE OF DEATH	- Oral Mucosa Gingival Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 839	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 93
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000775

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 840	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 484
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
Eye	Retina	Atrophy	Mild
	Optic Nerve	Degeneration	Mild
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Degeneration	Mild
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 1,2,3-6+7+12+13]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic Active, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 840	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 484
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000776

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mediastinal	Hemorrhage	Mild
[Hemorrhage TGLS = 5-11]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
[Hyperplasia TGLS = 4-9]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-6]			
* Mammary Gland		Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 841	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	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	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-12]			
Eye	Retina	Atrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Moderate
	Bile Duct	Cyst	Mild
	Hepatocyte	Degeneration	Moderate
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 841	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000777

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-14]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 4-13]			
* Mammary Gland		Hyperplasia	Minimal
* Nose	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Turbinate	Inflammation	Suppurative, Mild
* Ovary		Cyst	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		
CONTRIBUTORY CAUSE OF DEATH	- Liver Cholangiocarcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 842	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000778

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 843	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 843	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000779

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate
[Cholangiocarcinoma TGLS = 3-12]			
[Hyperplasia TGLS = 2-12]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 5,6-4+13]			
[Infiltration Cellular TGLS = 7-3+4+13]			
Lymph Node	Mediastinal	Ectasia	Minimal
[Ectasia TGLS = 4-3]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
Note: Arteries of multiple organs had undergone inflammation and necrosis.			
* Nose	Respirat Epith	Hyperplasia	Mild
	Turbinate	Inflammation	Suppurative, Moderate
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Minimal
	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH	- Lung	Cystic Keratinizing Epithelioma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Cholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 844	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Minimal
	Hepatocyte	Degeneration	Mild
		Fatty Change	Diffuse, Mild
	Portal	Fibrosis	Mild
		Hepatocyte, Multinucleate	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 844	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000780

ORGAN AND ACCOUNTABLE SITE STATUS

		Necrosis	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Hyperplasia TGLS = 1,2,3-6+7+11+12]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Mild
		Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
		Mineralization	Mild
		Ulcer	Mild
* Stomach, Glandular		Mineralization	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Liver Hyperplasia		
CONTRIBUTORY CAUSE OF DEATH	- Liver Cholangiocarcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 845	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000781

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 846	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 244
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* 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	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adren Medulla			
Note: One adrenal medulla missing.			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
Eye			
Note: One eye, except for lens, missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Mild
		Eosinophilic Focus	
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 846	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 244
	DOSE: 1000 NG/KG	**DISP:** Natural Death	**HISTO:** 2000782

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Suppurative, Minimal
[Hyperplasia TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 847	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 574
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Moderate
		Necrosis	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
Eye			
Note: One optic nerve missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 2-5]			
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
	Hepatocyte	Degeneration	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
	Portal	Fibrosis	Mild
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 847	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 574
	DOSE: 1000 NG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 2000783

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Minimal
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked
[Fatty Change TGLS = 3-11]			
[Hyperplasia TGLS = 4,5-6+11]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 6,7,8,9-3+4+12]			
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Mild
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Metaplasia	Squamous, Marked

PRIMARY CAUSE OF DEATH	- Lung	Cystic Keratinizing Epithelioma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hyperplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 848	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 212
	DOSE: 1000 NG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 2000784

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE