C Number:	C20304
Lock Date:	10/12/2006
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Female
PWG Approval Date	06/24/2008

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 119
	DOSE: 0 UG/KG	**DISP:** Natural Death	**HISTO:** 0600861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	Mesentery
Oral Mucosa	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	Tooth
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
Blood Vessel		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Brain		Hemorrhage	Mild
		Lymphoma Malignant	
* Clitoral Gland		Lymphoma Malignant	
* Eye		Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-13]			
* Intestine Large, Rectum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-14]			
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6+7]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-13]			
* Mammary Gland		Lymphoma Malignant	
* Nose	Respirat Epith	Hyperplasia	Minimal
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 119
	DOSE: 0 UG/KG	**DISP:** Natural Death	**HISTO:** 0600861

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Lymphoma Malignant
* Pancreas		Lymphoma Malignant
* Pituitary Gland		Lymphoma Malignant
* Spleen		Lymphoma Malignant
[Lymphoma Malignant TGLS = 1-5]		
* Thymus		Lymphoma Malignant
* Trachea		Lymphoma Malignant
PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Minimal
[Infiltration Cellular TGLS = 2-6]			
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Moderate

Note: Both uterine horns were dilated.
Note: Squamous metaplasia with accumulation of some keratin occurred in one horn, and inflammation, primarily suppurative, occurred in the other horn.
[Inflammation TGLS = TGL 1-4]

Vagina		Inflammation	Chronic Active, Moderate
		Necrosis	Mild

Note: The squamous epithelium was necrosed and absent in a focal area and the deficit was filled with inflammatory cells.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600863

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	Vagina	
OBSERVATIONS			
* Liver		Clear Cell Focus	Multiple
		Inflammation	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
Vagina			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Clear Cell Focus	Multiple
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Glandular		Cyst	Mild
Note: A squamous cyst was present in the submucosa.			
[Cyst TGLS = 2-14]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600866

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Mild
Note: Hair shafts were embedded in the focus of inflammation.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600867

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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600868

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	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	Multiple
		Clear Cell Focus	Multiple
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600868

ORGAN AND ACCOUNTABLE SITE STATUS

	Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH -		

Animal Note: Slide 13 was control tissue collected as part of the oncogene collection procedure.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600869

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	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2,3-3+14]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Skin		Fibroma	
[Fibroma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
		Thrombosis	Minimal

PRIMARY CAUSE OF DEATH - Skin Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 669
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Intestine Large, Colon		Schwannoma Malignant	Metastatic (Uterus)
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Schwannoma Malignant	Metastatic (Uterus)
Note: At necropsy the tumor appeared to affect the bile duct, but this could not be verified microscopically.			
[Schwannoma Malignant TGLS = 4,6-13+15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 7-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-11]			
* Pancreas		Schwannoma Malignant	Metastatic (Uterus)
[Schwannoma Malignant TGLS = 4-16]			
* Skin	Subcut Tiss	Schwannoma Malignant	Metastatic (Uterus)
[Schwannoma Malignant TGLS = 5-17]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 669
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600870

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Inflammation	Moderate
		Ulcer	Moderate
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 3-14]			

PRIMARY CAUSE OF DEATH - Uterus Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 516
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600871

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Moderate
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain		Gliosis	Mild
* Clitoral Gland		Inflammation	Moderate
* Eye			
Note: One eye and optic nerve missing.			
* Kidney		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Nose		Inflammation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600872

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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Marked
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Inflammation	Moderate
* Kidney		Accumulation, Hyaline Droplet	Mild
		Calculus Micro Observation Only	
		Mineralization	Minimal
* Liver		Basophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
		Proteinosis	Minimal
Note: Crystal-like material was present in alveoli.			
[Infiltration Cellular TGLS = 8-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3,4-22+23+24+25]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600872

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Polyp	Multiple
[Polyp TGLS = 5,6,7-26+27+28]			

PRIMARY CAUSE OF DEATH -

Animal Note: Slides 13-21 were control tissues collected as part of oncogene collection procedure.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600873

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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Carcinoma	
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	Multiple
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-13]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-14+15+16]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600873

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 692
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600874

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
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	Tooth
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Clitoral Gland		Inflammation	Minimal
* Kidney		Histiocytic Sarcoma	
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-6+7]			
* Lung		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 6-3+4]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Mammary Gland		Fibroadenoma	
		Histiocytic Sarcoma	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Histiocytic Sarcoma	
* Pancreas		Degeneration	Mild
Note: There was interlobular separation attributed to edema.			
[Degeneration TGLS = 3-6]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 692
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600874

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hemorrhage	Moderate
		Necrosis	Moderate
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-5+15]			
[Necrosis TGLS = 5-15]			
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600875

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
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-4]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 320
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600876

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		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Moderate
* Eye			
Note: One optic nerve missing.			
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	Vagina		
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-6]			
* Pancreas		Basophilic Focus	
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Uterus	Vagina	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	Multiple
		Inflammation	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild
		Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Mammary Gland	* Ovary	* Pancreas
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	Vagina
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	Multiple
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-6]			
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 1-3]			
[Hyperplasia TGLS = 1-3]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600881

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600882

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600883

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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: 25	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Thymus	* Uterus	Vagina	
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Glandular		Erosion	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 662
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600886

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Atrophy	Moderate
* Kidney		Calculus Micro Observation Only	
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Inflammation	Mild
		Ulcer	Mild
* Thymus		Atrophy	Moderate
* Uterus		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600887

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, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Moderate
		Hypertrophy	Minimal
* Bone Marrow		Atrophy	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-13]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600888

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
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 291
	DOSE: 0 UG/KG	**DISP:** Natural Death	**HISTO:** 0600889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* 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	* Kidney
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder		
MISSING			
* Esophagus	* Lung	* Lymph Node, Mandibular	* Parathyroid Gland
* Salivary Glands	* Thymus	* Thyroid Gland	* Trachea
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Mild
* Eye			
Note: Degeneration of the lens of the eyes in unscheduled deaths was attributed to post mortem change and not diagnosed.			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 624
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Eye	Cornea	Inflammation	Moderate
Note: Suppurative exudate was in the anterior chamber.			
Note: One optic nerve missing.			
[Inflammation TGLS = 1-10]			
* Kidney		Calculus Micro Observation Only	
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-13+14]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 624
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600890

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-8]			
* Spleen		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Moderate
* Uterus		Polyp Stromal	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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:** 97
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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: 33	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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: 34	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600894

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Liver	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Uterus	Vagina		
OBSERVATIONS			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600896

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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	Multiple
		Degeneration	Cystic, Minimal
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600896

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Peridont Tiss	Inflammation	Mild
Note: A hair shaft was embedded in the focus of inflammation.			
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600897

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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Minimal
* Lymph Node, Mandibular		Lymphoma Malignant	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Carcinoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600898

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
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	Vagina		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Carcinoma	Metastatic (Thyroid Gland)
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung		Carcinoma	Metastatic (Thyroid Gland)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Carcinoma TGLS = 1-3+4]			
[Infiltration Cellular TGLS = 1-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose		Cyst	Mild
Note: There was a cyst-like structure in the nasal turbinate that was lined with respiratory epithelium and contained an inflammatory exudate.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600898

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Minimal
[Carcinoma TGLS = 3-8]			
Tooth	Peridont Tiss	Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: Slides 13-25 were control tissues collected as part of an oncogene collection procedure.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 503
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600899

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	* 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	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600900

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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Atrophy	Mild
* Brain		Necrosis	Moderate
[Necrosis TGLS = 2-15]			
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	Multiple
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Mixed Cell Focus TGLS = 1-14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600900

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

Animal Note: Slide 13 was control tissue collected as part of an oncogene procedure.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 701
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Brain		Hydrocephalus	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-3]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600902

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	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-12]			
* Eye			
Note: Optic nerves on slide 9.			
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3,4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Ovary		Luteoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 495
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600903

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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Multiple
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 495
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600904

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Eye			
Note: One optic nerve missing.			
* Kidney		Nephropathy	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* 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: 45	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600905

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	* Nose	* Ovary	* 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	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600905

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 443
	DOSE: 0 UG/KG	**DISP:** Natural Death	**HISTO:** 0600906

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

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Bone Marrow	Hyperplasia	Moderate
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal
* Thymus	Atrophy	Moderate
* Uterus	Metaplasia	Squamous, Moderate

Note: The lumen of the uterus was dilated and contained a keratin-like material.
[Metaplasia TGLS = 1-11]

PRIMARY CAUSE OF DEATH - Uterus Metaplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 378
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600907

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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Eye			
Note: Optic nerves in block 9.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
Tooth		Odontoma	
[Odontoma TGLS = 1-13]			

PRIMARY CAUSE OF DEATH - Tooth Odontoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 503
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Brain		Necrosis	Moderate
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600909

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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary 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	Minimal
* Kidney		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Moderate
		Polyp Stromal	

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600910

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Moderate
		Parasite Metazoan	
* Kidney	Artery	Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Mild
Mesentery	Artery	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-13]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Artery	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600910

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600911

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	* Lung	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
Vagina			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-27]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-28]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600911

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Slides 13-26 were control tissues collected as part of the oncogene collection procedure.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 561
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600912

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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Metaplasia	Squamous, Marked

Note: The lumen of the uterus was filled with a keratin-like material.
[Metaplasia TGLS = 1-13+14]

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 516
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600913

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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Mild
Note: One clitoral gland missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Skin		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Skin Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600914

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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	Vagina	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gl			
Note: Mammary tissue missing from slide 17.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin		Hemangiosarcoma	
Note: The lesion was on the tail.			
[Hemangiosarcoma TGLS = 1-27]			
* Spleen		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: Slides 13-26 were control tissues collected as part of an oncogene collection procedure.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
Vagina			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Brain		Carcinoma	Metastatic (Pituitary Gland)
* Clitoral Gland		Inflammation	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
		Metaplasia	Squamous, Minimal
[Infiltration Cellular TGLS = 4-4+13]			
* Mammary Gland		Fibroadenoma	Multiple
Note: mammary tissue missing from slide 16.			
[Fibroadenoma TGLS = 1,2-18+19]			
* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 5-8]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 3-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600915

ORGAN AND ACCOUNTABLE SITE STATUS

		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

Animal Note: Slides 13-17 were control tissues collected as part of an oncogene collection procedure.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600916

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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Moderate
[Metaplasia TGLS = 2-11]			
Vagina		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-13]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 440
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600917

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

OBSERVATIONS

* Bone Marrow		Atrophy	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Metaplasia	Squamous, Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600918

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	Vagina		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	Multiple
	Bile Duct	Cyst	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	
[Cyst TGLS = 1-26]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-3+4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Carcinoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600918

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Slides 13-25 were control tissues collected as part of an oncogene collection procedure.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 561
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Skin		Fibroma	
		Keratoacanthoma	
[Fibroma TGLS = 1-13]			
[Keratoacanthoma TGLS = 2-14]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Skin Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain		Hemorrhage	Mild
* Clitoral Gland		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Clear Cell Focus	Multiple
		Eosinophilic Focus	
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Minimal
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600920

ORGAN AND ACCOUNTABLE SITE STATUS

	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	Vagina	
OBSERVATIONS			
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* 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	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	Vagina
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Spleen		Pigmentation	Minimal
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	Vagina		

OBSERVATIONS

* Liver		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Spleen		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Mild
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Uterus	Vagina	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 503
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600926

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	* Ovary	* 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		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600927

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
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Capsule	Inflammation	Mild
		Pigmentation	Minimal
Note: The inflammatory reaction affected the serosal surface.			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Uterus		Inflammation	Mild
		Metaplasia	Squamous, Marked
Note: The uterine lumen was dilated with a keratin-like material and other eosinophilic material.			
[Metaplasia TGLS = 2-14+15]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600928

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	* 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	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Cyst	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Cyst TGLS = 1-13]			
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600928

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 593
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600929

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, 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		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular	Degeneration	Mild
		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Minimal
[Degeneration TGLS = 3-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4-3]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-11]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked
* Uterus		Metaplasia	Squamous, Marked
Note: The utrerine lumen was dilated with keratin-like material and other eosinophilic material.			
[Metaplasia TGLS = 1-13+14]			

PRIMARY CAUSE OF DEATH - Uterus Metaplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600930

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	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 1-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-13+14]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 5-11]			
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 6-16]			
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600930

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Carcinoma	
	Inflammation	Moderate
	Metaplasia	Squamous, Mild
[Carcinoma TGLS = 4-15]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Uterus	Vagina
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	Vagina
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Spleen		Pigmentation	Minimal
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600933

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* 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: 75	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 0 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Uterus	Vagina
OBSERVATIONS			
* Liver	Bile Duct	Fibrosis	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600936

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	* Lung
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Mixed Cell Focus	Multiple
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0600937

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	* Lung	* Lymph Node, Mesenteric
* 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	Duct	Cyst	Moderate
* Eye	Retina	Atrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Cholangioma	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Cholangioma TGLS = 1-13]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Cyst	Mild
* Nose	Respirat Epith	Degeneration	Focal, Mild
Note: There was focal degeneration/loss of respiratory epithelium with the accumulation of an amorphous exudate in the meatus.			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 446
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600938

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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Uterus		Inflammation	Minimal
		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 512
	DOSE: 0 UG/KG	**DISP:** Natural Death	**HISTO:** 0600939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	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	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Mild
* Brain		Carcinoma	Metastatic (Pituitary Gland)
		Hemorrhage	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 1-13]			
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland		Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 701
	DOSE: 0 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0600940

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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
		Mixed Cell Focus	Multiple
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1,2-13+14]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Lung	Serosa	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Lung		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	Multiple
		Inflammation	Minimal
* Mammary Gland		Cyst	Moderate
[Cyst TGLS = 1-6]			
* Thymus		Atrophy	Moderate
* Uterus		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 119
	DOSE: 10 UG/KG	**DISP:** Natural Death	**HISTO:** 0600947

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	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Clitoral Gland	Inflammation	Moderate
* Lymph Node, Mandibular	Hyperplasia	Plasma Cell, Mild
* Thymus	Hemorrhage	Mild
[Hemorrhage TGLS = 1-3]		

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Liver	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 1-1]			
* Thymus		Atrophy	Mild
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Liver	Inflammation	Minimal
* Uterus	Dilatation	Moderate
	Inflammation	Suppurative, Minimal
[Dilatation TGLS = 1-4]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland			

OBSERVATIONS

* Kidney	Pelvis	Dilatation	Mild
	Transit Epithe	Hyperplasia	Mild
		Infarct	Mild
	Pelvis	Inflammation	Mild
		Nephropathy	Mild
[Dilatation TGLS = 3-6]			
* Liver		Cholangiofibrosis	Minimal
		Inflammation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Pancreas	* Thyroid Gland	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
* Uterus			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
* Uterus			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Mammary Gland		Cyst	Moderate
[Cyst TGLS = 1-6]			
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 47
	DOSE: 10 UG/KG	**DISP:** Natural Death	**HISTO:** 0600965

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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Liver	Clear Cell Focus	
	Inflammation	Minimal
* Uterus	Dilatation	Marked
[Dilatation TGLS = 1-4]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 10 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		
OBSERVATIONS			
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Lung		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Pancreas	* Thyroid Gland	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-1]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-6]			
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Pancreas	* Thyroid Gland	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Minimal
[Infiltration Cellular TGLS = 1,2-1+6]			
[Inflammation TGLS = 1,2-1+6]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland			
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600984

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Clear Cell Focus	
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Clear Cell Focus	
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600992

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0300993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Liver	Bile Duct	Cyst	Mild
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-6]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Pancreas	* Thyroid Gland	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-6]			
* Thymus		Atrophy	Moderate
[Atrophy TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0600999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 30 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland			
OBSERVATIONS			
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 28
	DOSE: 100 UG/KG	**DISP:** Natural Death	**HISTO:** 0601002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Intestine Large, Cecum	* Intestine Small, Ileum	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Skin		
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Moderate
* Ovary			
Note: One ovary missing.			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-6]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	Multiple
		Inflammation	Minimal
* Thymus		Atrophy	Mild
* Uterus		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601006

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart	Endocardium	Infiltration Cellular	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601006

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Mild
* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Mild
		Metaplasia	Squamous, Mild
[Carcinoma TGLS = 3-14]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 637
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Lymphoma Malignant	
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
[Cyst TGLS = 9-12]			
* Harderian Gland		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
[Lymphoma Malignant TGLS = 10-5]			
* Liver	Bile Duct	Cyst	Mild
	Centrilobular	Degeneration	Mild
		Pigmentation	Mild
[Cyst TGLS = 7,8-18+19]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-4]			
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-15]			
[Lymphoma Malignant TGLS = 12-20]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 637
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601007

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-13]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-14]			
* Mammary Gland		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5,6-16+17]			
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	C Cell	Hyperplasia	Mild
		Lymphoma Malignant	
* Trachea		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 302
	DOSE: 100 UG/KG	**DISP:** Natural Death	**HISTO:** 0601008

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Ovary		Cyst	Mild
Note: The ovarian cyst appeared to be a bursal cyst.			
[Cyst TGLS = 2-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Inflammation	Moderate
		Metaplasia	Squamous, Mild

Note: There was squamous metaplasia of the uterus, accumulation of keratin in the lumen and inflammation of wall. A leukocytosis was present in the lung and liver,
[Metaplasia TGLS = 1-11]

PRIMARY CAUSE OF DEATH - Uterus Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 608
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601009

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 265
	DOSE: 100 UG/KG	**DISP:** Natural Death	**HISTO:** 0601010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
* Eye	Cornea	Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
	Artery	Mineralization	Minimal
	Myocardium	Mineralization	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Inflammation	Moderate
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Moderate
Note: Inflammatory exudate, foreign material and bacteria were present in the meatuses.			
* Pituitary Gland		Angiectasis	Minimal
[Angiectasis TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
	Red Pulp	Atrophy	Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- Lung Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Nose Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 674
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Necrosis	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Brain		Hydrocephalus	Minimal
* Clitoral Gland	Duct	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
	Bile Duct	Fibrosis	Mild
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
Note: The mammary tumor contained cystic areas.			
[Fibroadenoma TGLS = 1-13]			
* Ovary		Cyst	Mild
[Cyst TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 2-8]			
* Spleen		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 674
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601011

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Carcinoma	
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601012

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	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Mild
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Cyst TGLS = 2-15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 3-4+16]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,4-13+14]			
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601012

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601013

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	* Lung
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Minimal
		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
[Carcinoma TGLS = 2-14]			
[Fibroadenoma TGLS = 1,3-13+15]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601013

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Metaplasia	Squamous, Mild
	Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601014

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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Inflammation	Minimal
[Hepatocellular Adenoma TGLS = 1-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-16]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Artery	Mineralization	Minimal
* Thymus		Atrophy	Marked
* Uterus		Carcinoma	
		Inflammation	Moderate
		Metaplasia	Squamous, Marked

Note: There was squamous metaplasia and dilatation of the uterus with a squamous cell carcinoma forming.
[Metaplasia TGLS = 2-14+15]

PRIMARY CAUSE OF DEATH - Uterus Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 341
	DOSE: 100 UG/KG	**DISP:** Natural Death	**HISTO:** 0601015

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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Inflammation	Mild
		Metaplasia	Squamous, Moderate

Note: The lumen of the uterus was dilated and contained inflammatory cells, keratin and other eosinophilic material.
[Metaplasia TGLS = 1-11]

PRIMARY CAUSE OF DEATH - Uterus Metaplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601016

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	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Atrophy	Mild
* Brain		Hydrocephalus	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Moderate
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
[Angiectasis TGLS = 1-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose		Inflammation	Moderate
Note: Inflammatory cells and plant material were in the meatus.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601016

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 706
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601017

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
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Cyst	Moderate
		Mineralization	Minimal
		Nephropathy	Mild
[Cyst TGLS = 4-14]			
* Liver	Bile Duct	Cyst	Moderate
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
[Cyst TGLS = 1-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Pancreas	Artery	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 706
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601017

ORGAN AND ACCOUNTABLE SITE STATUS

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

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 386
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601018

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	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pancreas	Acinus	Atrophy	Focal, Mild
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate
		Inflammation	Mild
[Hyperplasia TGLS = 2,3-14]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601019

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
* Pancreas	* 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	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
* Kidney		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-13]			
* Nose		Inflammation	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601020

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	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
[Adenoma TGLS = 3-8]			
* Clitoral Gland		Carcinoma	
	Duct	Cyst	Mild
		Inflammation	Mild
[Carcinoma TGLS = 1-12]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601020

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Inflammation	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 3,4-16+17]			
* Lung		Inflammation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-14+15]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 5-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601021

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601022

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 495
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601023

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	* 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

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 484
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601024

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	

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Bone Marrow	Hyperplasia	Marked
* Kidney	Mineralization	Minimal
* Liver	Cholangiofibrosis	Minimal
	Hematopoietic Cell Proliferation	Minimal
* Mammary Gland	Fibroadenoma	
[Fibroadenoma TGLS = 1-13]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Pigmentation	Minimal
* Thymus	Atrophy	Mild
* Uterus	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601025

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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Marked
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
* Harderian Gland		Hyperplasia	Minimal
		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4-5]			
* Liver	Oval Cell	Hyperplasia	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601025

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Mild
Note: A hair shaft was in the inflammatory focus.			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	Multiple
	Centrilobular	Degeneration	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-15]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601026

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Metaplasia	Squamous, Minimal
	Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 620
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601027

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
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary		Cyst	Mild
* Parathyroid Gland		Carcinoma	Metastatic (Thyroid Gland)
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Pigmentation	Moderate
* Thyroid Gland	C Cell	Carcinoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 708
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601028

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, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain		Vacuolization Cytoplasmic	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiofibrosis	Minimal
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Minimal
Note: Foreign material (plant) was in the bronchi and bronchioles.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 708
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601028

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Mild
* Thymus	Atrophy	Mild

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601029

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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary 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	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13=14]			
* Nose		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Minimal
		Polyp Stromal	

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601030

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	* Lung	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Cyst	Moderate
		Fibroadenoma	
[Carcinoma TGLS = 1-13]			
[Cyst TGLS = 3-15]			
[Fibroadenoma TGLS = 2-14]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
	Red Pulp	Atrophy	Moderate
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601030

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Lung		Hemorrhage	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601036

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Mild
* Uterus		Metaplasia	Squamous, Mild

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601036

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601037

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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	Multiple
		Clear Cell Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 2-13]			
[Fibroadenoma TGLS = 3-14]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601037

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Minimal
		Metaplasia	Squamous, Minimal
[Hyperplasia TGLS = 1-11]			

PRIMARY CAUSE OF DEATH	- Mammary Gland	Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601038

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 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		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601038

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601039

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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
Note: One clitoral gland missing.			
[Cyst TGLS = 2-12]			
* Eye			
Note: Optic nerves missing.			
* Kidney		Mineralization	Minimal
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 3-14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601039

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-13]			
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601040

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-14]		
* Thymus	Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	

OBSERVATIONS

* Liver	Hepatodiaphragmatic Nodule	
	Inflammation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-5]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	

OBSERVATIONS

* Liver		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-5]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601046

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
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
	Coron Artery	Thrombosis	Mild
* Kidney		Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Cyst TGLS = 5-5]			
* Liver		Clear Cell Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: TGL 6: foci could not be confirmed microscopically on slide 3.			
[Infiltration Cellular TGLS = 6-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Cyst	Moderate
		Fibroadenoma	
Note: There was inflammation around the cyst..			
[Cyst TGLS = 2-14]			
[Fibroadenoma TGLS = 4-15]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601046

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Cyst	Mild
[Cyst TGLS = 3-11]			
* Skin		Hyperkeratosis	Mild
		Hyperplasia	Squamous, Mild
		Inflammation	Mild
[Hyperkeratosis TGLS = 1-13]			
[Hyperplasia TGLS = 1-13]			
[Inflammation TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Mild
* Urinary Bladder		Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601047

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	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	Multiple
		Hepatodiaphragmatic Nodule	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Hepatodiaphragmatic Nodule TGLS = 2-14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Pancreas	Artery	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Hyperplasia	Squamous, Mild
		Inflammation	Mild
[Hyperplasia TGLS = 1-15]			
[Inflammation TGLS = 1-15]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601047

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Adenoma	
* Thymus		Cyst	Moderate
		Thymoma Malignant	
[Cyst TGLS = 4-16]			
[Thymoma Malignant TGLS = 3-13]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 53
	DOSE: 100 UG/KG	**DISP:** Natural Death	**HISTO:** 0601048

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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
* Eye			
Note: One optic nerve missing.			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 100 UG/KG	**DISP:** Natural Death	**HISTO:** 0601049

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	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Necrosis	Moderate
[Necrosis TGLS = 5-16]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 6-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-13]			
Mesentery		Fibroma	
[Fibroma TGLS = 4-15]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Skin		Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 100 UG/KG	**DISP:** Natural Death	**HISTO:** 0601049

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-14]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Erosion	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601050

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-4+13]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601051

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	* Ovary	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Skin		Keratoacanthoma	
Note: One of the masses described in TGL 2 was a keratoacanthoma and the other was mammary fibroadenoma.			
[Keratoacanthoma TGLS = 2-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601051

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 357
	DOSE: 100 UG/KG	**DISP:** Natural Death	**HISTO:** 0601052

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	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Eye			
Note: Both optic nerves missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Spleen		Pigmentation	Moderate
* Stomach, Glandular		Sarcoma	
Note: The tumor had features of a Malignant Schwannoma but this was not an option in the lexicon.			
[Sarcoma TGLS = 3-13]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Metaplasia	Squamous, Moderate
[Hyperplasia TGLS = 2-11]			

PRIMARY CAUSE OF DEATH - Stomach, Glandular Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601053

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	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601053

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 2-14]	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 692
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601054

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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Pelvis	Inflammation	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 692
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601054

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Schwannoma Malignant

Note: The urinary bladder was embedded in the uterine tumor (slide 13).
[Schwannoma Malignant TGLS = 2-13]

PRIMARY CAUSE OF DEATH - Uterus Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601055

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	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 3-12]			
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601055

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Respirat Epith	Hyperplasia	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
* Uterus			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland			
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 298
	DOSE: 100 UG/KG	**DISP:** Natural Death	**HISTO:** 0601058

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Kidney	Pelvis	Dilatation	Mild
		Nephropathy	Mild
[Dilatation TGLS = 2-5]			
Skeletal Muscle		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-13]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH - Skeletal Muscle Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Pancreas		
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
* Liver		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-6]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
OBSERVATIONS			
* Liver	Bile Duct	Cyst	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Pancreas	* Thymus	* Thyroid Gland
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
* Lung		Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
* Esophagus	Muscularis	Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	Multiple
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Nose		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601066

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 579
	DOSE: 100 UG/KG	**DISP:** Dosing Accident	**HISTO:** 0601067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland	Duct	Cyst	Minimal
* Esophagus	Muscularis	Inflammation	Mild
* Heart	Epicardium	Inflammation	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lung	Serosa	Inflammation	Moderate
[Inflammation TGLS = 1-3+4]			
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
		Hemorrhage	Moderate
		Inflammation	Mild
Note: There was hemorrhage and inflammation affecting the thymus and surrounding tissues.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 482
	DOSE: 100 UG/KG	**DISP:** Natural Death	**HISTO:** 0601068

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
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Necrosis	Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-3+4]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601069

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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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	* Lung	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Brain		Oligodendroglioma Malignant	
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Heart	Endocardium	Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2+13+14]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601071

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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mesenchymal Tumor Malignant	
		Mineralization	Minimal
		Nephropathy	Mild
[Mesenchymal Tumor Malignant TGLS = 4-5]			
* Liver		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-14]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601071

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601072

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	* Mammary Gland	* Nose	* Ovary
* 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	Moderate
* Eye			
Note: Both optic nerves missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
Tooth	Peridont Tiss	Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601072

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 503
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* 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	Moderate
		Inflammation	Moderate
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Liver	Hepatocyte	Hypertrophy	Mild
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 100 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601074

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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
[Hemorrhage TGLS = 2-14]			
* Mammary Gland		Inflammation	Chronic Active, Moderate
Note: The mammary lesion had features of an abscess, a large central cavity with inflammatory cells around the periphery.			
[Inflammation TGLS = 1-13]			
* Ovary		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601075

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	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Esophagus	Muscularis	Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 1-13]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-14]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 100 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601075

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Lung	Alveolar Epith	Infiltration Cellular	Histiocyte, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thyroid Gland
* Uterus			
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Lung		Inflammation	Minimal
* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Uterus		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 100 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 403	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Stomach, Glandular		Hyperplasia	Mild
[Hyperplasia TGLS = 1-6]			
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 406	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601086

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	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Cyst	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Toxic Hepatopathy	Minimal
[Cyst TGLS = 3-14]			
[Mixed Cell Focus TGLS = 4-6+7+14+15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 406	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601086

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Pancreas	Acinus	Atrophy	Focal, Mild
		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601087

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601087

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601088

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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Minimal
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 393
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 410	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	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	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-15]			
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Bilateral	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 410	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601090

ORGAN AND ACCOUNTABLE SITE STATUS

	Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH -		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601091

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	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Mild
		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Carcinoma	Metastatic (Uterus)
		Mineralization	Minimal
[Carcinoma TGLS = 3-15]			
* Liver		Carcinoma	Metastatic (Uterus)
		Fatty Change	Focal, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
[Carcinoma TGLS = 5-16]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 1-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601091

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 6-16]			
* Ovary		Carcinoma	Metastatic (Uterus)
* Pancreas		Carcinoma	Metastatic (Uterus)
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Carcinoma	Metastatic (Uterus)
		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
Tooth	Peridont Tiss	Inflammation	Moderate
* Urinary Bladder		Carcinoma	Metastatic (Uterus)
* Uterus		Metaplasia	Squamous, Marked
		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-14]			

PRIMARY CAUSE OF DEATH - Uterus Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 412	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601092

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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Moderate
	Centrilobular	Degeneration	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Cyst TGLS = 2-14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 4-14]			
[Fibroadenoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 412	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601092

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 413	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 183
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601093

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	* Mammary Gland	* 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	Mild
* Kidney		Mineralization	Mild
		Nephroblastoma	
[Nephroblastoma TGLS = 1-13]			
* Liver		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Mixed Cell Focus	
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephroblastoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 414	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601094

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 415	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 163
	DOSE: 220 UG/KG	**DISP:** Natural Death	**HISTO:** 0601095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Kidney	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Clitoral Gland	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
AUTO PRECLUDES DIAG.			
* Thyroid Gland			
OBSERVATIONS			
* Bone Marrow		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-13]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Lymphoma Malignant	
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
* Ovary			
Note: One ovary missing.			
* Spleen		Lymphoma Malignant	
* Stomach, Forestomach		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-14]			
PRIMARY CAUSE OF DEATH	- Thymus Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 416	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Pancreas	* Thyroid Gland	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 1-1]			
* Thymus		Atrophy	Mild
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 417	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Pancreas	* Thyroid Gland	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-1]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-6]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 418	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 197
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601098

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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Necrosis	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney		Necrosis	Moderate
[Necrosis TGLS = 1-13]			
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
Spinal Cord		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 2-14]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Spinal Cord Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-6]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 421	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601101

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601102

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 423	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 425	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 426	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland			
OBSERVATIONS			
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 427	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601107

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 428	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 429	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 430	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Lung	* Pancreas	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Liver	Inflammation	Minimal
* Uterus	Dilatation	Moderate
	Inflammation	Suppurative, Minimal
[Dilatation TGLS = 1-4]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 431	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601111

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	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Inflammation	Minimal
* Eye			
Note: Both optic nerves missing.			
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Minimal
[Infiltration Cellular TGLS = 1-13]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 431	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601111

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 432	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 687
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601112

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
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Carcinoma	Metastatic (Mammary Gland)
[Carcinoma TGLS = 6-3+4]			
* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
[Carcinoma TGLS = 4-16]			
[Fibroadenoma TGLS = 1,2,3-13+14+15]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 5-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Cyst	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 432	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 687
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601112

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Polyp Stromal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601113

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 Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Pheochromocytoma Complex	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus		Cyst	Moderate
[Cyst TGLS = 1-13]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 434	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 412
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601114

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	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 435	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601115

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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
		Myelofibrosis	Minimal
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 435	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601115

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601116

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Islets, Pancreatic		Carcinoma	
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Hepatocellular Adenoma TGLS = 4-15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3-3]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-14]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601117

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	* Lung
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-13]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601117

ORGAN AND ACCOUNTABLE SITE STATUS

		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601118

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		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Adenoma	
		Carcinoma	
		Fibroadenoma	
[Adenoma TGLS = 3-13]			
[Carcinoma TGLS = 1-14]			
[Fibroadenoma TGLS = 2-15]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601118

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Artery	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 433
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601119

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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Necrosis	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 2,3-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Uterus		Inflammation	Moderate
		Metaplasia	Squamous, Mild

Note: The lumens of the uterine horns were dilated and contained a keratin-like material, erythrocytes, inflammatory cells and other eosinophilic material.
[Metaplasia TGLS = 1-13]

PRIMARY CAUSE OF DEATH - Uterus Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 440	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 545
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Inflammation	Granulomatous, Moderate
[Fibroadenoma TGLS = 1,2-13+14]			
[Inflammation TGLS = 3-15]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 440	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 545
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601120

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 441	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 589
	DOSE: 220 UG/KG	**DISP:** Natural Death	**HISTO:** 0601121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
* Heart		Lymphoma Malignant	
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Large, Rectum		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
* Intestine Small, Ileum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular	Degeneration	Mild
		Lymphoma Malignant	
		Pigmentation	Minimal
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-14]			
[Lymphoma Malignant TGLS = 5-16]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-15]			
* Nose		Inflammation	Minimal
* Ovary		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 441	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 589
	DOSE: 220 UG/KG	**DISP:** Natural Death	**HISTO:** 0601121

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Lymphoma Malignant	
* Skin		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-13]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	- Lymph Node Pancreatic Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 442	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 469
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601122

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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Nephropathy	Minimal
* Liver		Cholangiofibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Uterus		Metaplasia	Squamous, Marked

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 443	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 453
	DOSE: 220 UG/KG	**DISP:** Natural Death	**HISTO:** 0601123

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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Inflammation	Mild
		Necrosis	Moderate
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Harderian Gland		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
		Cyst	Mild
* Uterus		Inflammation	Mild
		Metaplasia	Squamous, Marked

Note: The uterine lumen was dilated and contained a keratin-like material and other eosinophilic material.
[Metaplasia TGLS = 1-13+14]

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 444	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601124

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 Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
[Hypertrophy TGLS = 1-8]			
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 445	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 504
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601125

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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-3+4]			
* Skin		Fibroma	
[Fibroma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Skin Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 446	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Clear Cell Focus	Multiple
		Inflammation	Minimal
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 447	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Clear Cell Focus	Multiple
		Inflammation	Minimal
* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 448	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 229
	DOSE: 220 UG/KG	**DISP:** Natural Death	**HISTO:** 0601129

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	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Intestine Small, Ileum	* Intestine Small, Jejunum		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
* Spleen	Red Pulp	Atrophy	Mild
		Pigmentation	Mild
* Thymus		Hemorrhage	Moderate
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 450	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601131

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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiofibrosis	Minimal
		Eosinophilic Focus	Multiple
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Mixed Cell Focus	Multiple
		Toxic Hepatopathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
[Carcinoma TGLS = 4-16]			
[Fibroadenoma TGLS = 1,2,3,-13+14+15]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601131

ORGAN AND ACCOUNTABLE SITE STATUS

	Bilateral	Polyp Stromal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 452	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 446
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601132

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gl			
Note: One clitoral gland missing.			
* Kidney		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 453	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601133

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	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 453	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601133

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Moderate
		Metaplasia	Squamous, Moderate
		Polyp Stromal	
		Squamous Cell Carcinoma	

Note: TGL 1 was squamous metaplasia of the uterus with dilatation and filling of the lumen with a keratin-like material. TGL 2 was a squamous cell carcinoma.
[Metaplasia TGLS = 1-13]
[Squamous Cell Carcinoma TGLS = 2-14]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 454	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Hyperplasia	Squamous, Moderate
		Inflammation	Moderate
[Cyst TGLS = 2-12]			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 455	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601135

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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Inflammation	Mild
		Metaplasia	Squamous, Marked

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 456	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601136

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	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Clitoral Gland		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Ovary	Bilateral	Cyst	Marked
[Cyst TGLS = 2,4-14+15]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 457	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601137

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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Mild
Tooth	Peridont Tiss	Inflammation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 457	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601137

ORGAN AND ACCOUNTABLE SITE STATUS

	Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH -		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 458	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601138

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
* Ovary	* 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		Nephropathy	Minimal
* Liver		Clear Cell Focus	Multiple
	Bile Duct	Cyst	Mild
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Cyst TGLS = 2-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 1-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-14]			
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 458	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601138

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 459	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601139

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	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Clitoral Gland		Inflammation	Minimal
* Harderian Gland		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 2-13]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 460	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 713
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601140

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, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
[Hyperplasia TGLS = 3-14]			
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Eye	Cornea	Inflammation	Moderate
Note: The cornea was ulcerated.			
[Inflammation TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
Oral Mucosa		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 4-1+13]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 460	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 713
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601140

ORGAN AND ACCOUNTABLE SITE STATUS

	Red Pulp	Atrophy	Minimal
[Atrophy TGLS = 2-5]			
[Atrophy TGLS = 2-5]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Oral Mucosa Squamous Cell Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 461	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601141

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 462	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601142

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 463	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 464	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 465	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 220 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601145

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 466	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601146

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
	Bile Duct	Cyst	Moderate
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Toxic Hepatopathy	Minimal
[Cyst TGLS = 3-15]			
[Mixed Cell Focus TGLS = 2-14]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 466	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601146

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-13]		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 467	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 220 UG/KG	**DISP:** Natural Death	**HISTO:** 0601147

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain		Hydrocephalus	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary			
Note: The cyst observed at necropsy could not be confirmed and was probably a bursal cyst that collapsed during processing.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen		Pigmentation	Moderate
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601148

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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601148

ORGAN AND ACCOUNTABLE SITE STATUS

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 469	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601149

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, 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	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
* Kidney		Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
		Hematopoietic Cell Proliferation	Mild
		Mixed Cell Focus	Multiple
[Mixed Cell Focus TGLS = 2-14]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 470	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601150

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	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-8]			
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Eye			
Note: Optic nerves on slide 9.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Clear Cell Focus	Multiple
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-13+14]			
* Ovary		Cyst	Mild
[Cyst TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 470	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601150

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Pigmentation	Moderate
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 471	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 701
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601151

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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Focal, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Note: The left lung had foci of granulomatous inflammation some of which contained foreign (plant) material.			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
Mesentery		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 2-13]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 471	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 701
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601151

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mesentery Schwannoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 472	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601152

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Cyst Epithelial Inclusion	
Note: The cyst wall had broken and there was inflammation in the area.			
[Cyst Epithelial Inclusion TGLS = 2-15]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Uterus		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 472	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601152

ORGAN AND ACCOUNTABLE SITE STATUS

	Metaplasia	Squamous, Mild
	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 3-13]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 473	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601153

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	* Ovary	* 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	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Moderate
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Cyst TGLS = 1,2-13+14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 3-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 474	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 595
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* 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	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Heart	Artery	Mineralization	Minimal
* Intestine Large, Cecum		Inflammation	Mild
		Ulcer	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver	Centrilobular	Degeneration	Minimal
		Inflammation	Minimal
* Lung		Carcinoma	Metastatic (Uterus)
Mesentery		Carcinoma	Metastatic (Uterus)
* Pancreas		Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 2-14]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 474	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 595
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601154

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation	Mild
Metaplasia	Squamous, Marked

Note: Both uterine horns were lined by squamous epithelium and the lumen was filled with a keratin-like material.
[Carcinoma TGLS = 1-13]

PRIMARY CAUSE OF DEATH - Uterus Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 475	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Centrilobular	Degeneration	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Hypertrophy TGLS = 3-6+7]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 476	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601156

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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Atrophy	Mild
* Brain		Ependymoma Malignant	
[Ependymoma Malignant TGLS = 2-14]			
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Mild
		Pigmentation	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 476	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601156

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Brain Ependymoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 477	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601157

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
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Moderate
[Cyst TGLS = 1-12]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-14]			
* Skin	Pinna	Neural Crest Tumor	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 477	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601157

ORGAN AND ACCOUNTABLE SITE STATUS

[Neural Crest Tumor TGLS = 2-13]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Mild
Note: The inflammatory foci contained hair shafts.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 478	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601158

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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Brain		Angiectasis	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hypertrophy	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 4-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Ovary		Granulosa-Theca Tumor Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 478	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 220 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601158

ORGAN AND ACCOUNTABLE SITE STATUS

[Granulosa-Theca Tumor Malignant TGLS = 2-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 479	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601159

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	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Hepatodiaphragmatic Nodule TGLS = 1-14]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 4,5,6-15+16+17]			
* Ovary		Cyst	Mild
		Granulosa-Theca Tumor Malignant	
[Granulosa-Theca Tumor Malignant TGLS = 3-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 479	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601159

ORGAN AND ACCOUNTABLE SITE STATUS

	Metaplasia	Squamous, Minimal
[Hyperplasia TGLS = 2-11]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 480	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 220 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601160

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	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 501	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601161

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 502	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601162

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 503	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601163

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 504	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 505	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 506	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601166

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatodiaphragmatic Nodule	
	Oval Cell	Hyperplasia	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
[Hepatodiaphragmatic Nodule TGLS = 2-14]			
[Mixed Cell Focus TGLS = 6-6+7+14+15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 506	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601166

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-16]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Mild
* Uterus		Metaplasia	Squamous, Minimal
		Polyp Stromal	
[Polyp Stromal TGLS = 5-14]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 507	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
[Cyst TGLS = 4-12]			
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-13+14+15]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 507	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601167

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Tooth	Peridont Tiss	Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 508	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601168

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
* Ovary	* 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	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
Note: There was angiectasis in the tumor.			
[Hepatocellular Adenoma TGLS = 3-14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 508	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601168

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Minimal
Note: An inflammatory exudate was in the meatus.			
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Minimal
		Polyp Stromal	
Vagina		Polyp	
[Polyp TGLS = 2-14]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 509	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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, Mesenteric	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
* Lung		Carcinoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Cyst	Marked
		Inflammation	Granulomatous, Moderate
[Cyst TGLS = 1-13]			
[Inflammation TGLS = 1-13]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 509	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601169

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 4-15]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-11]			
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
Note: Only one thyroid atrophic.			
[Hypertrophy TGLS = 6-8]			
* Uterus	Artery	Inflammation	Chronic Active, Moderate
		Thrombosis	Moderate
[Thrombosis TGLS = 2-14]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 510	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601170

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Esophagus	Muscularis	Inflammation	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiofibrosis	Moderate
	Bile Duct	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Cholangiofibrosis TGLS = 1-13]			
[Mixed Cell Focus TGLS = 2-14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 510	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601170

ORGAN AND ACCOUNTABLE SITE STATUS

	Pigmentation	Minimal
* Thymus	Atrophy	Moderate
* Uterus	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 511	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* 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
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum	Artery	Inflammation	Chronic Active, Moderate
* Intestine Large, Colon	Artery	Inflammation	Chronic Active, Moderate
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Moderate
		Pigmentation	Mild
* Liver		Clear Cell Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 2-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Mild
Mesentery	Artery	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 3-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 511	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601171

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Respirat Epith	Hyperplasia	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-11]			
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 512	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601172

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, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pancreas	Artery	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 512	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601172

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Mild
[Hyperplasia TGLS = 2-11]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 513	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601173

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Nephropathy	Mild
* Liver		Cholangiofibrosis	Minimal
	Bile Duct	Cyst	Moderate
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Cyst TGLS = 5-16]			
[Mixed Cell Focus TGLS = 6-17]			
* Lung	Alveolus	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	
[Fibroadenoma TGLS = 1-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 513	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601173

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-14]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Uterus		Carcinoma	
		Inflammation	Minimal
		Metaplasia	Squamous, Moderate
[Carcinoma TGLS = 4-15]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 514	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601174

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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Eye			
Note: Optic nerves on slide 9.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 514	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601174

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 515	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601175

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 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	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
* Liver		Angiectasis	Moderate
		Clear Cell Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 3-15]			
[Mixed Cell Focus TGLS = 2,3-6+7+14+15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 515	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601175

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 516	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* 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	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Focal, Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 7-17]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 516	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601176

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1,2,3-13+14+15]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 517	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 484
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601177

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, 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		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Uterus		Metaplasia	Squamous, Marked

Note: The lumen of the uterus was dilated and contained a keratin-like material and other eosinophilic material.
[Metaplasia TGLS = 1-13+14]

PRIMARY CAUSE OF DEATH - Uterus Metaplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 518	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 460 UG/KG	**DISP:** Natural Death	**HISTO:** 0601178

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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Hypertrophy	Mild
[Adenoma TGLS = 2-8]			
* Bone Marrow		Hyperplasia	Moderate
* Brain		Gliosis	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Kidney		Calculus Micro Observation Only	
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Necrosis	Moderate
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 4,5-7+14+15]			
[Necrosis TGLS = 3-6+7+14+15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 518	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 460 UG/KG	**DISP:** Natural Death	**HISTO:** 0601178

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 6-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Glandular		Erosion	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	- Liver Necrosis		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 519	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 460 UG/KG	**DISP:** Natural Death	**HISTO:** 0601179

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	* 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

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Eye			
Note: Both optic nerves missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Metaplasia	Squamous, Moderate
		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-13]			

PRIMARY CAUSE OF DEATH - Uterus Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 520	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601180

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	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Liver		Clear Cell Focus	Multiple
	Bile Duct	Cyst	Moderate
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
[Cyst TGLS = 3-15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Carcinoma	
		Cyst	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 520	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601180

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation	Mild
Metaplasia	Squamous, Mild
Polyp Stromal	

Note: The cyst was a squamous cyst with one in a polyp and another in the adjacent endometrium.
[Carcinoma TGLS = 1-13]
[Polyp Stromal TGLS = 2-14]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 521	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	
OBSERVATIONS			
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 1-1]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 522	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 238
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Liver
* Lung	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Esophagus		Ulcer	Mild
* Kidney		Mineralization	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 523	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland			
OBSERVATIONS			
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 524	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Pancreas		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 1-1]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 525	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601185

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 526	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601186

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	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Eye			
Note: Optic nerves on slide 9.			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Minimal
		Hematopoietic Cell Proliferation	Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 526	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601186

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 527	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 460 UG/KG	**DISP:** Natural Death	**HISTO:** 0601187

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 2-6+7]			
* Ovary		Cyst	Mild
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Pigmentation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 527	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 460 UG/KG	**DISP:** Natural Death	**HISTO:** 0601187

ORGAN AND ACCOUNTABLE SITE STATUS

		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 528	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601188

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	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Marked
		Hypertrophy	Mild
[Degeneration TGLS = 3-8]			
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 528	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601188

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Metaplasia	Squamous, Minimal
	Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 529	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 593
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain	Meninges	Inflammation	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
[Cyst TGLS = 2-12]			
[Inflammation TGLS = 2-12]			
* Eye	Cornea	Inflammation	Moderate
Note: Inflammatory cells were in the anterior chamber.			
[Inflammation TGLS = 1-10]			
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 3-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose		Inflammation	Minimal
Oral Mucosa	Gingival	Hyperplasia	Squamous, Moderate
* Pancreas	Artery	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 529	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 593
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601189

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
Tooth	Peridont Tiss	Inflammation	Moderate
[Inflammation TGLS = 4-1]			

PRIMARY CAUSE OF DEATH - Eye Cornea Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 530	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601190

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		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Mild
* Harderian Gl			
Note: One harderian gland missing.			
* Kidney		Calculus Micro Observation Only	
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	Multiple
		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 530	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601190

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 3-14]			
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus		Inflammation	Moderate
		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 531	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601191

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, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Marked
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Mild
Note: The hyperplastic tubule was dilated.			
[Hyperplasia TGLS = 6-5]			
[Nephropathy TGLS = 3-5]			
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 5-6+7+15]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 531	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601191

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-14]			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-13]			
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 532	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: 460 UG/KG	**DISP:** Natural Death	**HISTO:** 0601192

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
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thymus
* Thyroid Gland			
AUTO PRECLUDES DIAG.			
* Adrenal Cortex			
OBSERVATIONS			
* Clitoral Gland	Duct	Cyst	Mild
* Eye			
Note: Optic nerves on slide 9.			
* Kidney		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Nose	Respirat Epith	Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Mild
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 533	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601193

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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Moderate
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-14]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Adenoma	
		Fibroadenoma	
[Adenoma TGLS = 3-15]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 533	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601193

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-13]			
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 534	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601194

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
Tooth	Peridont Tiss	Inflammation	Mild
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 535	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601195

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	* Ovary	* 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		Inflammation	Mild
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Degeneration	Minimal
		Eosinophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 536	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 412
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 537	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601197

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	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 5-14]			
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Hepatocellular Adenoma TGLS = 1-13]			
[Mixed Cell Focus TGLS = 2-15]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 537	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601197

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Cyst	Mild
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 3,4-16+17]			
* Pancreas	Artery	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Adenomyosis	Mild
	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
		Thrombosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 538	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601198

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	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Squamous Cell Papilloma	
Note: The squamous cell papilloma arose from the ear canal.			
[Squamous Cell Papilloma TGLS = 2-14]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Uterus		Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 538	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601198

ORGAN AND ACCOUNTABLE SITE STATUS

		Polyp Stromal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 539	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 593
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601199

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	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Eye			
Note: One optic nerve missing.			
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Hepatocellular Adenoma	
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 539	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 593
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601199

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 540	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 655
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601200

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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Cholangiofibrosis	Minimal
		Fatty Change	Diffuse, Moderate
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 1-7+13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-3+4]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Pigmentation	Moderate
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 540	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 655
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601200

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus		Inflammation	Mild
		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 541	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 582
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601201

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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart	Artery	Mineralization	Minimal
* Kidney		Lymphoma Malignant	
		Mineralization	Mild
		Nephropathy	Mild
[Nephropathy TGLS = 4-5]			
* Liver		Lymphoma Malignant	
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-18]			
[Lymphoma Malignant TGLS = 5-17]			
* Lymph Node, Mandibular		Lymphoma Malignant	
Mesentery		Hemorrhage	Moderate

Note: TGL 2 was a focal area of hemorrhage in the mesentery that contained inflammatory cells and was becoming organized.

[Hemorrhage TGLS = 2-15]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 541	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 582
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601201

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Inflammation	Moderate
	Respirat Epith	Necrosis	Mild
Note: The nasal lesions were in the first nasal section.			
* Spleen	Capsule	Hemorrhage	Moderate
		Lymphoma Malignant	
Note: Focal areas of hemorrhage were present on the capsular surface that contained inflammatory and neoplastic cells.			
[Hemorrhage TGLS = 1-13+14]			
[Lymphoma Malignant TGLS = 3-16]			
* Thymus		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 542	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 643
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601202

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	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
		Lymphoma Malignant	
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Brain		Hemorrhage	Mild
		Lymphoma Malignant	
[Hemorrhage TGLS = 4,6-9+13]			
[Lymphoma Malignant TGLS = 4,6-9+13]			
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
[Cyst TGLS = 3-12]			
* Heart		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Mineralization	Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6+7]			
* Lung		Hemorrhage	Mild
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 542	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 643
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601202

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Lymphoma Malignant	
		Necrosis	Mild
[Lymphoma Malignant TGLS = 1-5]			
* Stom Gland			
Note: Glands were present in the muscular layer and were considered a malformation.			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 543	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601203

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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 4-6+7+14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 543	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601203

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 544	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 582
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601204

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Necrosis	Mild
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 3-6+7]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1,2-13+14]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 544	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 582
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601204

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 545	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 460 UG/KG	**DISP:** Natural Death	**HISTO:** 0601205

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, 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	Mild
		Vacuolization Cytoplasmic	Minimal
[Degeneration TGLS = 6-8]			
[Hypertrophy TGLS = 6-8]			
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Dilatation	Moderate
		Nephropathy	Mild
[Dilatation TGLS = 3,4-5+15]			
* Liver		Eosinophilic Focus	Multiple
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-14]			
* Ovary		Inflammation	Moderate

Note: One ovary was not able to be identified because of the tumor, and the other was destroyed by inflammation (slide 11).

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 545	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 460 UG/KG	**DISP:** Natural Death	**HISTO:** 0601205

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
* Urin Bladder			
Note: Part of urinary bladder on slide 13.			
* Uterus		Carcinoma	
		Inflammation	Moderate
[Carcinoma TGLS = 1,5-13+16]			

PRIMARY CAUSE OF DEATH - Uterus Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 546	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 547	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 1-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 548	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 549	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Uterus		Dilatation	Moderate
		Inflammation	Suppurative, Minimal
[Dilatation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 550	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Uterus		Dilatation	Marked
		Inflammation	Suppurative, Mild
[Dilatation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 551	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601211

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Atrophy	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Moderate
Note: One adrenal was atrophic.			
[Adenoma TGLS = 5-8]			
* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	Multiple
		Clear Cell Focus	Multiple
	Centrilobular	Degeneration	Minimal
		Fatty Change	Focal, Minimal
		Hematopoietic Cell Proliferation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 6-7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 7-3+4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 551	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601211

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
[Carcinoma TGLS = 2-14]			
[Fibroadenoma TGLS = 1,3-13+15]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 552	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601212

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Marked
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
* Eye			
Note: Optic nerves on slide 9.			
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 552	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601212

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 553	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601213

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 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	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
[Cyst TGLS = 8-19]			
[Mixed Cell Focus TGLS = 7-18]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Minimal
[Infiltration Cellular TGLS = 6-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3,4,5-13+14+15+16+17]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 553	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601213

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 554	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601214

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	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Minimal
	Oval Cell	Hyperplasia	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 1,2,3-13+14+15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Minimal
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Adenolipoma	
[Adenolipoma TGLS = 6-16]			
* Pancreas	Acinus	Atrophy	Focal, Mild
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 554	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601214

ORGAN AND ACCOUNTABLE SITE STATUS

	Pigmentation	Moderate
* Thymus	Atrophy	Moderate
* Uterus	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 555	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601215

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
* Ovary	* Pancreas	* 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	Moderate
		Inflammation	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 556	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 557	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601217

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 558	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601218

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 559	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 560	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 561	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 562	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 563	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 300
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601223

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular	Degeneration	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Skin		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH - Skin Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 564	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Pancreas		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-6]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Dilatation	Marked
[Dilatation TGLS = 1-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 565	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Uterus			
OBSERVATIONS			
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Necrosis	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 566	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Mineralization	Minimal
* Liver		Clear Cell Focus	Multiple
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 1-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Metaplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 566	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601226

ORGAN AND ACCOUNTABLE SITE STATUS

	Polyp Stromal
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 567	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	Multiple
	Bile Duct	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 1-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 568	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601228

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	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Multiple
		Eosinophilic Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 3,4-15+16]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-13+14]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 568	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601228

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 569	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601229

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		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Adenoma	
	Duct	Cyst	Moderate
		Inflammation	Minimal
[Adenoma TGLS = 1-13]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3,4-14+15+16]			
* Ovary		Cyst	Mild
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 569	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601229

ORGAN AND ACCOUNTABLE SITE STATUS

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 570	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601230

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	* Kidney	* 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	Minimal
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 3-6]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-15]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	Multiple
	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 570	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601230

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	
[Hyperplasia TGLS = 4-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 571	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		
OBSERVATIONS			
* Liver		Clear Cell Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 572	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601232

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 573	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 574	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
OBSERVATIONS			
* Liver		Inflammation	Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 575	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 460 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 576	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601236

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
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Mild
	Hepatocyte	Hypertrophy	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 4-7+15]			
[Hypertrophy TGLS = 5-6+7+15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-4]			
* Mammary Gland		Adenoma	
		Carcinoma	
[Adenoma TGLS = 2-14]			
[Carcinoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 576	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601236

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 577	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601237

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	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 2-13]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Minimal
		Polyp Stromal	

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 578	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601238

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

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
* Lung	Alveolus	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
[Fibroadenoma TGLS = 1,2-13+14]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 578	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601238

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 3-11]	Endometrium	Hyperplasia	Cystic, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 579	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601239

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	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	Multiple
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 4,5-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 2-14]			
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 579	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 460 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601239

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 580	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 627
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* 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 Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Intestine Large, Cecum		Inflammation	Moderate
* Kidney	Pelvis	Dilatation	Moderate
		Nephropathy	Moderate
[Dilatation TGLS = 4-16]			
* Liver	Bile Duct	Cyst	Mild
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 5-17]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Cyst	Moderate
		Fibrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 580	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 627
	DOSE: 460 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601240

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Moderate
[Cyst TGLS = 2,3-14+15]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8]			
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Moderate
* Urinary Bladder		Sarcoma	Metastatic (Uterus)
* Uterus		Inflammation	Moderate
		Metaplasia	Squamous, Moderate
		Sarcoma	
		Squamous Cell Carcinoma	
[Sarcoma TGLS = 1-13]			

PRIMARY CAUSE OF DEATH	- Uterus Sarcoma
CONTRIBUTORY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 601	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 487
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601241

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
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Heart		Lymphoma Malignant	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
		Mixed Cell Focus	Multiple
		Necrosis	Minimal
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 2,3-14+15]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-13]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 601	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 487
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601241

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 602	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601242

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

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Pelvis	Inflammation	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Cholangiofibrosis	Mild
		Clear Cell Focus	
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 602	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601242

ORGAN AND ACCOUNTABLE SITE STATUS

		Necrosis	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
[Cyst TGLS = 4-15]			
[Hyperplasia TGLS = 5,6-14+16]			
* Lung	Alveolus	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	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Cyst	Mild
[Cyst TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus		Metaplasia	Squamous, Marked
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 603	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601243

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	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
* Liver	Centrilobular	Degeneration	Minimal
		Eosinophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 4,5-16+17]			
[Hepatocellular Adenoma TGLS = 3,4-15+16]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Uterus	Epithelium	Hyperplasia	Mild
		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 603	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601243

ORGAN AND ACCOUNTABLE SITE STATUS

Metaplasia	Squamous, Moderate
Thrombosis	Moderate

Note: There was squamous metaplasia of uterus with inflammation of wall and dilatation of the lumen with a keratin-like material and other eosinophilic material.
Note: A few basophilic cells were in a vessel suggesting a preneoplastic or neoplastic change.
[Metaplasia TGLS = 6-18]

PRIMARY CAUSE OF DEATH - Uterus Metaplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 604	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601244

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, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Centrilobular	Degeneration	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 604	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601244

ORGAN AND ACCOUNTABLE SITE STATUS

	Pigmentation	Minimal
* Thymus	Atrophy	Moderate
* Uterus	Metaplasia	Squamous, Minimal
	Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 605	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 725
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* 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			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Intestine Large, Colon	Artery	Inflammation	Chronic Active, Mild
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Minimal
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 2-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
Mesentery	Artery	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 605	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 725
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601245

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-11]			
* Pancreas	Acinus	Atrophy	Focal, Mild
	Artery	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Minimal
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Inflammation	Mild
		Metaplasia	Squamous, Moderate
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	- Mesentery Artery Inflammation		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 606	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 516
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601246

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain		Meningioma Malignant	
* Clitoral Gland	Duct	Cyst	Mild
* Eye			
Note: Optic nerves on slide 9.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Moderate
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Skin		Fibroma	
[Fibroma TGLS = 1-13]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Skin Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 607	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601247

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	Multiple
		Fatty Change	Focal, Minimal
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
[Hepatocellular Adenoma TGLS = 1-13]			
[Mixed Cell Focus TGLS = 3,4-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 607	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601247

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Inflammation	Mild
		Metaplasia	Squamous, Moderate

Note: The dilated area of the uterus had undergone squamous metaplasia and the lumen contained some keratin.
[Metaplasia TGLS = 5-14]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 608	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 561
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601248

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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney	Pelvis	Dilatation	Mild
		Mineralization	Minimal
		Nephropathy	Mild
[Dilatation TGLS = 3-5]			
* Liver	Centrilobular	Degeneration	Mild
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-5]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Minimal
Vagina		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 2-13]			

PRIMARY CAUSE OF DEATH - Vagina Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 609	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum	Artery	Inflammation	Chronic Active, Mild
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 609	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601249

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Metaplasia TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 610	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601250

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	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Mild
* Harderian Gland		Vacuolization Cytoplasmic	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate

[Hepatocellular Adenoma TGLS = 3,4,5,6-6+7+13+14+15]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 610	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601250

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
Mesentery	Artery	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 7-16]			
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus		Carcinoma	
[Carcinoma TGLS = 2-13]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 611	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 612	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 613	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 614	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 615	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 616	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thyroid Gland
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Liver		Clear Cell Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 617	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas

OBSERVATIONS

* Liver		Clear Cell Focus	Multiple
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-6]			
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Dilatation	Marked
		Inflammation	Suppurative, Minimal
[Dilatation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 618	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland			

OBSERVATIONS

* Liver		Clear Cell Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Necrosis	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Uterus		Dilatation	Marked
		Inflammation	Suppurative, Minimal
[Dilatation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 619	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Pancreas	* Thyroid Gland	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-6]			
* Thymus		Atrophy	Moderate
* Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
[Dilatation TGLS = 1-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 620	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 64
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601260

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	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Vacuolization Cytoplasmic	Mild
* Bone Marrow	Hyperplasia	Mild
* Liver	Inflammation	Minimal
* Lymph Node, Mandibular	Hyperplasia	Plasma Cell, Mild
* Thyroid Gland	Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 621	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Thymus	* Thyroid Gland
* Uterus			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
* Pancreas		Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 622	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thymus
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Moderate
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 623	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland		
OBSERVATIONS			
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Uterus		Dilatation	Mild
		Metaplasia	Squamous, Minimal
[Dilatation TGLS = 1-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 624	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601264

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 625	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 626	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601266

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, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Inflammation	Moderate
		Ulcer	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild
[Hyperplasia TGLS = 1-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 626	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601266

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-14]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Uterus	Bilateral	Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 627	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 680
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601267

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney	Transit Epithe	Hyperplasia	Moderate
	Capsule	Inflammation	Chronic Active, Mild
	Pelvis	Inflammation	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate

[Hyperplasia TGLS = 3,4-15+16]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 627	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 680
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601267

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Inflammation	Moderate
* Uterus		Metaplasia	Squamous, Mild
	Bilateral	Polyp Stromal	
[Polyp Stromal TGLS = 2-14]			

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Toxic Hepatopathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 628	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601268

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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Carcinoma	
		Inflammation	Mild
[Carcinoma TGLS = 1-13]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
	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]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 4-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 628	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601268

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 629	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601269

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	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Kidney		Carcinoma	Metastatic (Uterus)
		Nephropathy	Minimal
[Carcinoma TGLS = 7-13]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 629	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601269

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Mild
[Hyperplasia TGLS = 8-6+7+18]			
[Mixed Cell Focus TGLS = 8-6+7+18]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 9-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
Mesentery		Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 4,5,6-15+16+17]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Marked
		Squamous Cell Carcinoma	
Note: Both uterine horns were lined with a thick layer of squamous epithelium and the lumen was dilated with a keratin-like material.			
[Metaplasia TGLS = 3-11]			
[Squamous Cell Carcinoma TGLS = 1-14]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 630	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Minimal
* Brain		Glioma Malignant	
* Clitoral Gland	Duct	Cyst	Mild
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild
[Eosinophilic Focus TGLS = 2-6+7+14]			
* Lung	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Focal, Mild
		Inflammation	Chronic Active, Minimal
* Spleen		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 630	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601270

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Moderate
* Uterus	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 631	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thyroid Gland	* Uterus		
OBSERVATIONS			
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 632	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thymus
* Thyroid Gland			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 633	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Pancreas	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Uterus		Dilatation	Moderate
		Inflammation	Suppurative, Minimal

Note: The lumen contained keratin, cellular debris and amorphous eosinophilic material.
[Dilatation TGLS = 1-4]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 634	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	* Thymus
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Necrosis	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 635	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus			
OBSERVATIONS			
* Liver		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 636	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601276

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 2,3-14+15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus		Hemangiosarcoma	
		Inflammation	Mild
		Metaplasia	Squamous, Moderate
[Hemangiosarcoma TGLS = 1-13]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 637	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 531
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601277

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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Cholangiofibrosis	Minimal
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Moderate
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Moderate
[Eosinophilic Focus TGLS = 2-15]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Uterus		Hemorrhage	Mild
		Inflammation	Mild
		Metaplasia	Squamous, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 637	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 531
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601277

ORGAN AND ACCOUNTABLE SITE STATUS

	Ulcer	Mild

Note: There was squamous metaplasia of the uterus. The lumen was markedly dilated and contained some keratin. Most of the contents were lost in processing.
[Metaplasia TGLS = 1-13+14]

PRIMARY CAUSE OF DEATH - Uterus Metaplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 638	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601278

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	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	Multiple
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
[Clear Cell Focus TGLS = 1-6+7+13]			
[Mixed Cell Focus TGLS = 1-6+7+13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 638	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601278

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Marked
Tooth	Peridont Tiss	Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 639	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Colon
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* 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
* Heart		Schwannoma Benign	
* Intestine Large, Cecum	Artery	Inflammation	Chronic Active, Mild
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Moderate
* Intestine Small, Ileum	Artery	Inflammation	Chronic Active, Mild
* Intestine Small, Jejunum	Artery	Inflammation	Chronic Active, Mild
* Kidney	Artery	Inflammation	Chronic Active, Mild
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Fatty Change	Diffuse, Mild
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 2-6+7]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 639	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601279

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Artery	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-13]			
* Pancreas	Artery	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 640	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601280

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	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 4-15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 5-3+4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 640	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601280

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Polyp Stromal	
[Polyp Stromal TGLS = 2-14]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 641	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 674
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601281

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	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Liver		Carcinoma	Metastatic (Uterus)
		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Moderate
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Moderate
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
* Lung		Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 5-3+4]			
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 6-17]			
Mesentery		Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 2-13+14+15]			
* Ovary		Carcinoma	Metastatic (Uterus)
		Cyst	Mild
[Cyst TGLS = 3-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 641	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 674
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601281

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Carcinoma	Metastatic (Uterus)
* Spleen	Lymph Follic	Atrophy	Moderate
		Carcinoma	Metastatic (Uterus)
* Thymus		Atrophy	Marked
* Uterus		Carcinoma	
[Carcinoma TGLS = 4-16]			

PRIMARY CAUSE OF DEATH - Uterus Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 642	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601282

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	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Necrosis	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 1-8]			
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiocarcinoma	
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Cholangiocarcinoma TGLS = 2-13]			
[Fatty Change TGLS = 4-6+7+13+14+15]			
[Hepatocellular Adenoma TGLS = 3-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 642	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601282

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Atrophy	Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH - Adrenal Medulla Pheochromocytoma Benign

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 643	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 669
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601283

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, Mandibular	* Mammary Gland	* Nose
* Pituitary Gland	* Salivary Glands	* Skin	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Carcinoma	Metastatic (Ovary)
		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Heart		Carcinoma	Metastatic (Ovary)
* Intestine Large, Rectum		Carcinoma	Metastatic (Ovary)
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Mild
		Pigmentation	Mild
* Lung		Carcinoma	Metastatic (Ovary)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 643	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 669
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601283

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 5-3+4]			
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Ovary)
[Carcinoma TGLS = 10-6]			
Mesentery		Carcinoma	Metastatic (Ovary)
[Carcinoma TGLS = 6-15]			
* Ovary	Bilateral	Adamantinoma Malignant	Metastatic (Ovary)
	Bilateral	Carcinoma	Metastatic (Ovary)
[Carcinoma TGLS = 3,4-13+14]			
* Pancreas		Carcinoma	Metastatic (Ovary)
[Carcinoma TGLS = 8-17]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach		Carcinoma	Metastatic (Ovary)
* Stomach, Glandular		Carcinoma	Metastatic (Ovary)
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Ureter		Carcinoma	Metastatic (Ovary)
[Carcinoma TGLS = 7-16]			
* Uterus		Carcinoma	
		Metaplasia	Squamous, Minimal
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	- Ovary Bilateral Carcinoma Ovary		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 644	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 407
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601284

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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Moderate
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* 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: 645	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601285

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 645	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601285

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild
* Uterus		Inflammation	Mild
		Metaplasia	Squamous, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 646	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 298
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601286

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 1-13]			
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Necrosis	Minimal
* Nose		Inflammation	Mild
* Spleen		Pigmentation	Mild
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Adrenal Medulla Pheochromocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 647	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Pancreas	* Uterus	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
* Liver		Clear Cell Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 648	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular	Degeneration	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
[Degeneration TGLS = 1-5]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Dilatation	Marked
		Inflammation	Suppurative, Minimal
[Dilatation TGLS = 2-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 649	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Pancreas		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 1-1]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 650	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Pancreas	
OBSERVATIONS			
* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-6]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 651	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601291

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

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Eye	Retina	Atrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 651	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601291

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
* Pancreas	Acinus	Atrophy	Focal, Mild
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Moderate
* Uterus		Inflammation	Mild
		Metaplasia	Squamous, Marked
		Ulcer	Mild
Note: The uterus was lined with squamous epithelium and the lumen was dilated			
[Metaplasia TGLS = 1-13]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 652	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601292

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 3-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 652	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601292

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Cervix	Cyst	Mild
		Metaplasia	Squamous, Moderate

Note: A squamous cyst was present adjacent to the cervix. The lining was ulcerated with granulomatous inflammation in the area.
[Cyst TGLS = 2-14]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 653	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601293

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	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
[Hepatocellular Adenoma TGLS = 1-13]			
[Hyperplasia TGLS = 2-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 653	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601293

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Pigmentation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 654	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601294

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Necrosis	Moderate
* Adrenal Medulla		Necrosis	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Inflammation	Mild
* Kidney		Inflammation	Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	
	Centrilobular	Degeneration	Mild
		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 3-14]			
[Hyperplasia TGLS = 4-6+7]			
* Lung		Inflammation	Marked

Note: Numerous foci of necrosis and inflammation were scattered throughout the lungs.
[Inflammation TGLS = 6-3+4]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 654	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601294

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary		Cyst	Moderate
		Inflammation	Moderate
Note: TGL 1 was inflammation which destroyed most of the ovary and affected the adjacent uterus which had undergone squamous metaplasia.			
[Cyst TGLS = 2-11]			
[Inflammation TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Moderate
		Polyp Stromal	

PRIMARY CAUSE OF DEATH	- Ovary Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Lung Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 655	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 6-8]			
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Degeneration	Fatty, Moderate
	Artery	Inflammation	Chronic Active, Moderate
Note: The lesion consisted of fat accumulation in the submucosa.			
[Degeneration TGLS = 9-17]			
* Intestine Large, Colon	Artery	Inflammation	Chronic Active, Moderate
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Moderate
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
* Liver		Cholangiocarcinoma	
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 655	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601295

ORGAN AND ACCOUNTABLE SITE STATUS

		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Cholangiocarcinoma TGLS = 2-13]			
[Mixed Cell Focus TGLS = 3-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 7,8-14+16]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 4-15]			
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 10-8]			
* Salivary Glands		Degeneration	Mild
Note: The gross correlate was edema characterized by an increase in interlobular space. Degeneration was used because edema was not in the lexicon.			
[Degeneration TGLS = 1-9]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
	Artery	Inflammation	Chronic Active, Mild
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 656	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601296

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Multiple
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
[Clear Cell Focus TGLS = 1-6+7+13]			
[Mixed Cell Focus TGLS = 1-6+7+13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
Note: The inflammatory focus contained hair shafts.			
Tooth	Peridont Tiss	Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 656	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601296

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 657	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601297

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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
[Cyst TGLS = 2-12]			
* Esophagus	Muscularis	Degeneration	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Diffuse, Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Hyperplasia TGLS = 3-14]			
[Mixed Cell Focus TGLS = 3-14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 657	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601297

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Adenoma	
[Adenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 658	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 678
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601298

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 Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Moderate
	Bile Duct	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 1-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
Oral Mucosa	Gingival	Hyperplasia	Squamous, Moderate
[Hyperplasia TGLS = 2-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 658	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 678
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601298

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 659	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 586
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601299

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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland	Duct	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Calculus Micro Observation Only	
		Mineralization	Minimal
* Liver		Degeneration	Cystic, Minimal
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 1,2,3-13+14+15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 4-16]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 659	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 586
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601299

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Pigmentation	Moderate
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 660	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601300

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	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Moderate
		Hypertrophy	Minimal
[Degeneration TGLS = 3-8]			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 660	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601300

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocellular Adenoma TGLS = 4-15]			
[Hyperplasia TGLS = 5-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 6-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13+14]			
* Ovary		Cyst	Mild
* Pancreas	Artery	Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Uterus		Metaplasia	Squamous, Minimal
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 661	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 484
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Mild
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 2-15]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 661	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 484
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601301

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Metaplasia	Squamous, Marked

Note: The uteri were markedly dilated. The lumen was distended with a keratin-like material, erythrocytes, leukocytes and other eosinophilic material.
[Metaplasia TGLS = 1-13+14]

PRIMARY CAUSE OF DEATH - Uterus Metaplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 662	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601302

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	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Mild
	Centrilobular	Degeneration	Mild
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Hepatocellular Adenoma TGLS = 4-14]			
[Mixed Cell Focus TGLS = 3-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 662	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601302

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 5-3+4]		
* Lymph Node, Mandibular	Hyperplasia	Plasma Cell, Minimal
* Mammary Gland	Fibroadenoma	
[Fibroadenoma TGLS = 1-13]		
* Ovary	Cyst	Moderate
[Cyst TGLS = 2-11]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Mild
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 663	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601303

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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
	Bile Duct	Fibrosis	Minimal
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 663	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601303

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
[Carcinoma TGLS = 2-14]			
[Fibroadenoma TGLS = 1,3-13+15]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 664	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601304

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	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 4-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Mild
* Pancreas	Acinus	Adenoma	
	Artery	Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Uterus)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 664	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601304

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 3-14]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Mild
Note: The carcinoma affected the diaphragm.			
[Carcinoma TGLS = 1-13]			
[Hyperplasia TGLS = 2-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 665	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 480
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601305

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	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
		Necrosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Necrosis	Minimal
		Pigmentation	Mild
* Ovary		Cyst	Mild
Note: The ovarian cyst was a bursal cyst.			
[Cyst TGLS = 1-11]			
* Spleen	Lymph Follic	Atrophy	Moderate
	Red Pulp	Atrophy	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Uterus		Metaplasia	Squamous, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 665	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 480
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601305

ORGAN AND ACCOUNTABLE SITE STATUS

Note: The lumen of the uterus was dilated and contained some keratin-like material. Most of the contents were lost in processing.
[Metaplasia TGLS = 2-13+14]

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 666	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601306

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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLS = 2-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 666	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601306

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 667	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601307

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	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 1-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Pancreas	Acinus	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 667	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601307

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma
	C Cell	Hyperplasia
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 668	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 551
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601308

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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
	Centrilobular	Degeneration	Minimal
		Eosinophilic Focus	Multiple
	Oval Cell	Hyperplasia	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
* Lung		Congestion	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Congestion TGLS = 1-3+4]			
[Infiltration Cellular TGLS = 2-3+4+13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-14]			
* Spleen		Pigmentation	Mild
* Thymus		Hemorrhage	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 668	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 551
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601308

ORGAN AND ACCOUNTABLE SITE STATUS

		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 669	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
	Artery	Inflammation	Chronic Active, Mild
* Intestine Large, Colon	Artery	Inflammation	Chronic Active, Moderate
		Parasite Metazoan	
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Fatty Change	Diffuse, Moderate
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 3-6+7+13]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 669	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601309

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Artery	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-14]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Hyperplasia	Mild
	Artery	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Inflammation	Mild
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 670	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601310

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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Fatty Change	Diffuse, Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
[Multinucleated TGLS = 1-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 671	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 593
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601311

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Hypertrophy TGLS = 5-6+7]			
[Mixed Cell Focus TGLS = 3,4-14+15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 671	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 593
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601311

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 6-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 672	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601312

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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
	Endocardium	Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Moderate
[Mixed Cell Focus TGLS = 1-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Ovary		Cyst	Moderate
		Thecoma Benign	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 672	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601312

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 673	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601313

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	* Lung
* 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	Moderate
		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
		Hypertrophy	Mild
Note: Cortical atrophy was unilateral.			
[Degeneration TGLS = 3-8]			
* Clitoral Gland	Duct	Cyst	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
[Eosinophilic Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6+7]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 673	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 1000 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601313

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-14]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Mild
Note: Foreign material was present in the inflammatory focus.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 674	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 421
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601314

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Intestine Small, Jejunum		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 4-16]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 3-15]			
* Ovary		Cyst	Mild
[Cyst TGLS = 1-11]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Metaplasia	Squamous, Marked
Note: The lumen of the uterus was dilated with- a keratin-like material.			
[Metaplasia TGLS = 2-13+14]			

PRIMARY CAUSE OF DEATH - Uterus Metaplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 674	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 421
	DOSE: 1000 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601314

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Jejunum Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 675	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 530
	DOSE: 1000 UG/KG	**DISP:** Natural Death	**HISTO:** 0601315

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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Atrophy	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Eye			
Note: Optic nerves on slide 9.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Focal, Moderate
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
	Hepatocyte	Multinucleated	Mild
		Necrosis	Moderate
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 1-6+7]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 676	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	Lymph Node
* Pancreas	* Thymus	* Uterus	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Necrosis	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 677	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 678	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601318

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 679	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Necrosis	Minimal
		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 680	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 1000 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Pancreas
* Thymus	* Thyroid Gland	* Uterus	
OBSERVATIONS			
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Necrosis	Minimal
		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 701	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 697
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601321

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, Jejunum
* Mammary Gland	* Nose	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Spleen	* Uterus		

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gl			
Note: One clitoral gland cannibalized.			
* Kidney		Nephropathy	Mild
		Pigmentation	Moderate
Note: One kidney cannibalized.			
* Liver		Cholangiocarcinoma	
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Marked
		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
Note: Routine liver sections cannibalized.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 701	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 697
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601321

ORGAN AND ACCOUNTABLE SITE STATUS

[Cholangiocarcinoma TGLS = 1-13]		
* Lung	Cystic Keratinizing Epithelioma	
[Cystic Keratinizing Epithelioma TGLS = 2-4]		
* Lymph Node, Mandibular	Hyperplasia	Plasma Cell, Mild
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Toxic Hepatopathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 702	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601322

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	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hypertrophy	Marked
Note: One adrenal was atrophic.			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Cholangiocarcinoma	Multiple
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Marked
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 2,3-13+14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 702	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601322

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocellular Adenoma TGLS = 4,5-15+16]			
[Hypertrophy TGLS = 1-6+7+17]			
* Lung		Metaplasia	Squamous, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Moderate
Note: Suppurative exudate was present in the meatuses.			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 6-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 703	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 484
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601323

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
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Moderate
[Hypertrophy TGLS = 2-8]			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
[Hyperplasia TGLS = 3-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Mammary Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 703	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 484
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601323

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 1-13]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 704	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601324

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

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Moderate
* Liver		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Hepatocholangioma	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 704	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601324

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
		Toxic Hepatopathy	Marked

Note: Slide 15 had a tumor diagnosed as a hepatocholangiocarcinoma but may be a hepatocholangioma, but this diagnosis was not an option.
[Cholangiocarcinoma TGLS = 3-13]
[Hepatocholangioma TGLS = 4-15]
[Hyperplasia TGLS = 5,7-6+7+16]
[Hypertrophy TGLS = 1-6+7]

* Lung		Cystic Keratinizing Epithelioma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

[Cystic Keratinizing Epithelioma TGLS = 6-4]

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Ovary		Cyst	Moderate

[Cyst TGLS = 2,8-11]

* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Mild
* Uterus		Carcinoma	
		Cyst	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Moderate
		Metaplasia	Squamous, Mild

Note: Squamous and glandular cysts were present in the uterus as well as a carcinoma.
[Carcinoma TGLS = 9,10-14+17]
[Cyst TGLS = 10-17]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 704	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601324

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 705	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Spleen	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Cholangiofibrosis	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Moderate
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
* Lung		Cystic Keratinizing Epithelioma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 705	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601325

ORGAN AND ACCOUNTABLE SITE STATUS

[Cystic Keratinizing Epithelioma TGLS = 1,2,3-3+4+13+14]

* Thymus	Atrophy	Moderate
* Uterus	Carcinoma	

PRIMARY CAUSE OF DEATH	- Lung	Cystic Keratinizing Epithelioma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Toxic Hepatopathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 706	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601326

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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Atrophy	Moderate
		Vacuolization Cytoplasmic	Moderate
Note: One adrenal was atrophic.			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Eye	Retina	Atrophy	Mild
* Kidney		Nephropathy	Mild
		Pigmentation	Moderate
* Liver		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Mild
		Necrosis	Minimal
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 706	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601326

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 4,5,8-13+15+18]			
[Hepatocellular Adenoma TGLS = 6-16]			
[Hyperplasia TGLS = 3,7-6+7+17]			
[Hypertrophy TGLS = 2-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-14]			
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Moderate
Note: Suppurative exudate was present in the meatuses,			
* Ovary		Cyst	Minimal
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
	Acinus	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 707	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 433
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601327

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	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Moderate
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Moderate
		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 707	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 433
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601327

ORGAN AND ACCOUNTABLE SITE STATUS

[Cholangiocarcinoma TGLS = 2-14]			
[Cholangiofibrosis TGLS = 3-15]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		
CONTRIBUTORY CAUSE OF DEATH	- Liver Toxic Hepatopathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 708	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601328

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, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Moderate
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 708	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601328

ORGAN AND ACCOUNTABLE SITE STATUS

		Necrosis	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 4,5,6-14+15+16]			
[Hyperplasia TGLS = 7-6+7]			
[Hypertrophy TGLS = 3-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 1-4]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-13]			
* Pancreas	Artery	Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach	Artery	Inflammation	Chronic Active, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 709	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601329

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	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
	Endocardium	Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Moderate
* Liver		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Marked
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Necrosis	Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 709	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601329

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 3-14]			
[Hyperplasia TGLS = 4-6+7]			
[Hypertrophy TGLS = 2-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
		Metaplasia	Squamous, Mild
[Cystic Keratinizing Epithelioma TGLS = 5-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 710	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601330

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	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Cholangiofibrosis	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
[Hyperplasia TGLS = 2-6+7]			
* Lung		Cystic Keratinizing Epithelioma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 710	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601330

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
		Metaplasia	Squamous, Moderate
[Cystic Keratinizing Epithelioma TGLS = 1-3]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-11]			
* Pancreas	Artery	Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Minimal
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 711	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601331

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	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Bone Marrow		Lymphoma Malignant	
		Necrosis	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Eye	Retina	Atrophy	Mild
* Heart		Lymphoma Malignant	
* Kidney		Nephropathy	Moderate
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	
	Bile Duct	Cyst	Mild
	Centrilobular	Degeneration	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Lymphoma Malignant	
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild

[Cholangiocarcinoma TGLS = 4-14]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 711	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601331

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-6+7]			
[Hypertrophy TGLS = 3-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Lymphoma Malignant	
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Note: Crystal-like structures were present in the area of hemorrhage.			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-15]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Moderate
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-13]			
PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 712	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601332

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
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Heart	Coron Artery	Thrombosis	Mild
* Kidney		Nephropathy	Moderate
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Marked

[Cholangiocarcinoma TGLS = 2,3,4,5,6-6+7+14+15+16+17]
[Hyperplasia TGLS = 2-6+7+14+15+16+17]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 712	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601332

ORGAN AND ACCOUNTABLE SITE STATUS

[Hypertrophy TGLS = 1-6+7+14+15+16+17]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Atrophy	Marked
* Nose		Inflammation	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
Tooth	Peridont Tiss	Inflammation	Moderate
Note: The inflammatory focus contained hair shafts.			
* Uterus		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 7-13]			

PRIMARY CAUSE OF DEATH	- Liver Toxic Hepatopathy
CONTRIBUTORY CAUSE OF DEATH	- Uterus Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 713	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601333

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, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Vacuolization Cytoplasmic	Mild
Note: One adrenal missing.			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Eye	Retina	Atrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Moderate
		Nephropathy	Mild
		Pigmentation	Mild
[Cyst TGLS = 5-5]			
* Liver		Cholangiocarcinoma	Multiple
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Moderate
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Cholangiocarcinoma TGLS = 2-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 713	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601333

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1,3-6+7+13]			
[Hypertrophy TGLS = 4-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
Mesentery	Artery	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 7-14]			
* Pancreas		Inflammation	Chronic Active, Moderate
	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
* Trachea		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Liver Toxic Hepatopathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 714	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601334

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	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hepatocellular Adenoma	
		Hepatocholangioma	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 714	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601334

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
		Toxic Hepatopathy	Marked
Note: The tumor on slide 15 was necrotic but was diagnosed as a hepatocholangioma.			
[Cholangiocarcinoma TGLS = 1,4,5,6-13+16+17+18]			
[Hepatocholangioma TGLS = 3-15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Pancreas	Acinus	Adenoma	
	Acinus	Vacuolization Cytoplasmic	Mild
[Adenoma TGLS = 2-14]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Mild
Note: Hair shafts were embedded in the inflammatory focus and the gingival epithelium was hyperplastic.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 715	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 158
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601335

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	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Moderate
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 716	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Uterus	Vagina
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Mild
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLS = 1-5]			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 717	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Uterus	Vagina
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Mild
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLS = 1-5]			
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 718	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Uterus	Vagina
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Moderate
	Hepatocyte	Multinucleated	Moderate
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLS = 1-5]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 719	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Uterus	Vagina
OBSERVATIONS			
* Liver		Eosinophilic Focus	
		Fatty Change	Diffuse, Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Moderate
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLS = 1-5]			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 720	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Uterus	Vagina
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Mild
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLS = 1-5]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 721	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601341

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	* Mammary Gland
* Ovary	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hyperplasia	Moderate
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Moderate
* Liver		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 721	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601341

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Mild
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 1-6+7+15]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Moderate
[Cystic Keratinizing Epithelioma TGLS = 3-14]			
[Infiltration Cellular TGLS = 3-3+4]			
Mesentery	Artery	Inflammation	Chronic Active, Mild
	Artery	Thrombosis	Moderate
[Inflammation TGLS = 2-13]			
* Nose		Inflammation	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Liver Toxic Hepatopathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 722	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 623
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601342

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	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Mild
* Eye			
Note: Optic nerve on slide 9.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	
		Cholangiofibrosis	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Cholangiofibrosis TGLS = 1-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 722	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 623
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601342

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 2-6+7]			
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Moderate
Oral Mucosa		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 3-14]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH	- Oral Mucosa Squamous Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Toxic Hepatopathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 723	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601343

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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hyperplasia	Moderate
		Vacuolization Cytoplasmic	Minimal
Note: One adrenal atrophic.			
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Marked

[Cholangiocarcinoma TGLS = 3,4-18]
[Hyperplasia TGLS = 2-6+7+17]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 723	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601343

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 8-16]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 5-13]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 6-15]			
* Ovary		Inflammation	Moderate
Note: Second ovary on slide 14.			
* Pancreas	Artery	Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
Tooth	Peridont Tiss	Inflammation	Mild
Note: Hair shafts were embedded in the inflammatory focus.			
* Uterus		Inflammation	Marked
		Polyp Stromal	
[Inflammation TGLS = 1-14]			
[Polyp Stromal TGLS = 7-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 724	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601344

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, Mesenteric	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Eye	Retina	Atrophy	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 3,4,5,6-14+15+16+17]			
[Hyperplasia TGLS = 2-6+7]			
* Lung		Cystic Keratinizing Epithelioma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 724	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601344

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
		Metaplasia	Squamous, Mild
[Cystic Keratinizing Epithelioma TGLS = 7-18]			
[Metaplasia TGLS = 8-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 725	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 711
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601345

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	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Cholangiofibrosis	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Mild
	Hepatocyte	Multinucleated	Mild
		Necrosis	Moderate
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Necrosis TGLS = 3-6+7+13]			
* Lung		Cystic Keratinizing Epithelioma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 725	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 711
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601345

ORGAN AND ACCOUNTABLE SITE STATUS

[Cystic Keratinizing Epithelioma TGLS = 4-4]			
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
Note: Exudate was present in the meatus and beneath the respiratory epithelium.			
* Ovary		Cyst	Mild
[Cyst TGLS = 1-11]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Mild
		Metaplasia	Squamous, Minimal
Note: The lumen of the uterus was distended with amorphous eosinophilic material, erythrocytes, some inflammatory cells and small amounts of a keratin-like material.			
[Hyperplasia TGLS = 2-11]			

PRIMARY CAUSE OF DEATH - Liver Toxic Hepatopathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 726	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 567
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601346

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	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Moderate
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Eosinophilic Focus TGLS = 3-14]			
[Hyperplasia TGLS = 2-13]			
[Hypertrophy TGLS = 1-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 726	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 567
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601346

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
Lymph Node	Bronchial	Ectasia	Mild
	Bronchial	Hemorrhage	Minimal
[Ectasia TGLS = 4-15]			
[Hemorrhage TGLS = 4-15]			
* Lymph Node, Mesenteric		Ectasia	Mild
[Ectasia TGLS = 5-16]			
* Pancreas	Artery	Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
* Thymus		Atrophy	Moderate
	Artery	Inflammation	Chronic Active, Moderate
PRIMARY CAUSE OF DEATH	- Liver Toxic Hepatopathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 727	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601347

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	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
* Kidney		Nephropathy	Moderate
		Pigmentation	Moderate
* Liver		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Marked
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Marked

[Cholangiocarcinoma TGLS = 1,2,3,5-6+7+13+14+16]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 727	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601347

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocellular Adenoma TGLS = 4-15]			
[Hyperplasia TGLS = 6-17]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Cystic Keratinizing Epithelioma TGLS = 7,8,9,10-3+18+19+20]			
[Metaplasia TGLS = 10-3]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 728	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601348

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Minimal
* Heart	Endocardium	Hyperplasia	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Pelvis	Inflammation	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	
		Cholangiofibrosis	Mild
	Bile Duct	Cyst	Minimal
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 728	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601348

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Moderate
[Hyperplasia TGLS = 1-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 2-3+4]			
* Ovary		Cyst	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
		Inflammation	Mild
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 729	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601349

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	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Moderate
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 729	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601349

ORGAN AND ACCOUNTABLE SITE STATUS

		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Marked

Note: Slide 14 also had a lesion which had features of a hepatocholangioma but this was not a choice on the lexicon.
[Cholangiocarcinoma TGLS = 3,5,6-14+16+17]
[Hepatocellular Carcinoma TGLS = 2-13]
[Hyperplasia TGLS = 1,4-15+18]
[Hypertrophy TGLS = 1-18]
[Mixed Cell Focus TGLS = 7-18]

* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
		Metaplasia	Squamous, Mild
		Pigmentation	Minimal

[Infiltration Cellular TGLS = 8-4]
[Metaplasia TGLS = 8-4]

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Marked
	Follicular Cel	Hypertrophy	Mild
Tooth	Peridont Tiss	Inflammation	Minimal

Note: A hair shaft was embedded in the inflammatory focus.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 730	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Intestine Large, Colon	* 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	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum	Artery	Inflammation	Chronic Active, Moderate
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Moderate
		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Moderate
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Moderate
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 730	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601350

ORGAN AND ACCOUNTABLE SITE STATUS

		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 1,2,4-14+16+17]			
[Hepatocellular Adenoma TGLS = 3-15]			
[Hyperplasia TGLS = 5-6+7]			
[Hypertrophy TGLS = 6-6+7+18]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
Mesentery	Artery	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 7-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Moderate
* Pancreas	Artery	Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild
* Uterus		Adenomyosis	Marked
	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 731	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Mammary Gland	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	Vagina	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Liver		Cholangiofibrosis	Mild
		Eosinophilic Focus	
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Hypertrophy TGLS = 1-5]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-1]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 732	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Mammary Gland	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	Vagina
OBSERVATIONS			
* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Moderate
* Liver		Cholangiocarcinoma	Multiple
		Fatty Change	Diffuse, Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 2-6]			
[Fatty Change TGLS = 3-5]			
[Hypertrophy TGLS = 1-5]			
* Lung		Inflammation	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 733	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Mammary Gland	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Uterus	Vagina
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Cholangiofibrosis	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
[Fatty Change TGLS = 5-5+8]			
[Hepatocellular Adenoma TGLS = 3-7]			
[Hyperplasia TGLS = 4-8]			
[Hypertrophy TGLS = 1-5]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 734	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Lung	* Mammary Gland	* Ovary
* Stomach, Forestomach	* Stomach, Glandular	Vagina	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Liver		Cholangiocarcinoma	Multiple
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 2,3-5]			
[Hypertrophy TGLS = 1-5]			
[Mixed Cell Focus TGLS = 4-5]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 735	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 65
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601355

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	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Moderate
* Eye			
Note: Optic nerve in block 9.			
* Liver		Fatty Change	Diffuse, Moderate
		Inflammation	Mild
		Necrosis	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Hemorrhage	Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 736	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Ovary
* Pituitary Gland	* Stomach, Glandular	* Uterus	Vagina
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Moderate
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 1-5]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Pigmentation	Minimal
* Stomach, Forestomach		Edema	Minimal
		Inflammation	Minimal
Note: The inflammation and edema were at the limiting ridge.			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 737	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Mammary Gland
* Ovary	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Uterus	Vagina
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Moderate
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 1-5]			
* Lung		Hemorrhage	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 738	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Uterus	Vagina		
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Moderate
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 1-5]			
* Lung		Hemorrhage	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 739	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Uterus	Vagina
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Moderate
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 1,2-5+6]			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 740	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Ovary
* Pituitary Gland	* Stomach, Glandular	* Thymus	* Uterus
Vagina			
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 1-5]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Minimal
* Stomach, Forestomach		Inflammation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 741	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 459
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601361

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	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Eosinophilic Focus TGLS = 2-6+7]			
[Fatty Change TGLS = 2-6+7]			
[Necrosis TGLS = 2-6+7]			
* Lung	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 741	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 459
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601361

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Diffuse, Moderate
	Duct	Dilatation	Marked
		Inflammation	Chronic Active, Minimal
[Dilatation TGLS = 3-14]			
* Parathyroid Gland		Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Liver Toxic Hepatopathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 742	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 692
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601362

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	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Atrophy	Mild
Note: One adrenal atrophic.			
* Bone Marrow		Hyperplasia	Moderate
* Eye	Retina	Atrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Pelvis	Inflammation	Mild
		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
	Bile Duct	Cyst	Mild
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 742	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 692
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601362

ORGAN AND ACCOUNTABLE SITE STATUS

	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 4,6,7-16+17+18]			
[Hepatocellular Adenoma TGLS = 8-18]			
[Hyperplasia TGLS = 5,7-6+7+14+16+17+18+19+20]			
[Hypertrophy TGLS = 3-6+7+14+16+17+18+19+20]			
* Lung		Cystic Keratinizing Epithelioma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Minimal
[Cystic Keratinizing Epithelioma TGLS = 2-15]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	- Liver Toxic Hepatopathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 743	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Marked

[Cholangiocarcinoma TGLS = 2,3,6-13,16+17+18]
[Hepatocellular Adenoma TGLS = 4-15]
[Hyperplasia TGLS = 1,6-17+18]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 743	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601363

ORGAN AND ACCOUNTABLE SITE STATUS

[Hypertrophy TGLS = 1-17+18]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 5-14]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 744	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601364

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	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	Tooth	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 744	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601364

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 2,3,4-13+14+15]			
[Hyperplasia TGLS = 1-16]			
[Hypertrophy TGLS = 1-16]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
Oral Mucosa	Gingival	Cyst	Moderate
Note: A cyst lined by squamous epithelium and containing keratin, bone, and inflammatory cells was present in the level 3 nasal section.			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Moderate
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 745	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601365

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Marked
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 745	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601365

ORGAN AND ACCOUNTABLE SITE STATUS

[Cholangiocarcinoma TGLS = 1-6+7]			
[Hyperplasia TGLS = 1,2-6+7+13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Minimal
Mesentery	Artery	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 3-14]			
* Ovary		Cyst	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	- Liver Toxic Hepatopathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 746	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 620
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601366

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	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Moderate
* Liver		Cholangiocarcinoma	Multiple
		Fatty Change	Diffuse, Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 2,3+13+14]			
[Hypertrophy TGLS = 1-7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
Oral Mucosa		Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 746	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 620
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601366

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 4-15]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Moderate
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Liver Toxic Hepatopathy		
CONTRIBUTORY CAUSE OF DEATH	- Oral Mucosa Squamous Cell Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 747	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601367

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, Mesenteric	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Moderate
	Bile Duct	Cyst	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
		Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 747	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601367

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 4,5,6,7,8-14+15+16+17+18]			
[Hyperplasia TGLS = 3-6+7+14+15+16+17+18]			
* Lung		Cystic Keratinizing Epithelioma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Cystic Keratinizing Epithelioma TGLS = 9-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
* Pancreas	Acinus	Carcinoma	
	Acinus	Vacuolization Cytoplasmic	Minimal
[Carcinoma TGLS = 10-19]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 748	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 54
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Eye			
Note: Both optic nerves missing.			
* Liver		Fatty Change	Diffuse, Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
	Hepatocyte	Multinucleated	Mild
		Necrosis	Minimal
		Pigmentation	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Hemorrhage	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 749	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 71
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601369

ORGAN AND ACCOUNTABLE SITE STATUS

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

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 750	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601370

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
* Mammary Gland	* Ovary	* 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		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
	Bile Duct	Cyst	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 750	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601370

ORGAN AND ACCOUNTABLE SITE STATUS

[Cholangiocarcinoma TGLS = 3-13]			
[Hepatocellular Adenoma TGLS = 4-14]			
[Hyperplasia TGLS = 2-6+7+13+14]			
[Hypertrophy TGLS = 1-6+7+13+14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
		Metaplasia	Squamous, Moderate
[Infiltration Cellular TGLS = 5-3+4]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Minimal
* Pancreas	Artery	Inflammation	Chronic Active, Minimal
	Acinus	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate
	Artery	Inflammation	Chronic Active, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 751	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Mammary Gland	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Uterus	Vagina
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Cystic, Marked
		Hypertrophy	Minimal
* Liver		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Hypertrophy TGLS = 1-5]			
[Mixed Cell Focus TGLS = 2,3-6+7]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 752	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Mammary Gland	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	Vagina	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
* Liver		Cholangiocarcinoma	
		Cholangiofibrosis	Mild
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 2-6]			
[Fatty Change TGLS = 1-5]			
[Mixed Cell Focus TGLS = 3-7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 753	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 75
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Lung	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		
MISSING			
* Adrenal Cortex	* Adrenal Medulla	* Clitoral 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, Mesenteric	* Ovary	* Pancreas	* Spleen
* Urinary Bladder	* Uterus		
INSUFFICIENT TISSUE			
* Mammary Gland			
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Moderate
* Heart		Inflammation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Nose	Respirat Epith	Hyperplasia	Mild
* Thymus		Hemorrhage	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 754	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Mammary Gland	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	Vagina
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Diffuse, Moderate
	Oval Cell	Hyperplasia	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Hyperplasia TGLS = 2,3-6+7]			
[Hypertrophy TGLS = 1-5+6+7]			
[Mixed Cell Focus TGLS = 3-7]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 755	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
Vagina			

OBSERVATIONS

* Liver		Cholangiofibrosis	Minimal
		Eosinophilic Focus	
		Fatty Change	Diffuse, Marked
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
[Eosinophilic Focus TGLS = 3-7]			
[Hypertrophy TGLS = 1-5+6+7]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 756	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Heart
* 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	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Basophilic Focus	
	Bile Duct	Cyst	Moderate
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 756	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601376

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Hepatocellular Adenoma TGLS = 3,4-14+15]			
[Hyperplasia TGLS = 1,2-6+13]			
[Hypertrophy TGLS = 1-6]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Pancreas	Artery	Inflammation	Chronic Active, Minimal
	Acinus	Vacuolization Cytoplasmic	Moderate
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 757	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601377

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
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Degeneration	Cystic, Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Moderate

[Cholangiocarcinoma TGLS = 3,4,5-14+15+16]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 757	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601377

ORGAN AND ACCOUNTABLE SITE STATUS

[Hypertrophy TGLS = 2-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Toxic Hepatopathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 758	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Cholangiocarcinoma	
	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Moderate

[Cholangiocarcinoma TGLS = 3-13]
[Hyperplasia TGLS = 4-7+13]
[Hypertrophy TGLS = 1-7+13]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 758	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601378

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Cystic Keratinizing Epithelioma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Cystic Keratinizing Epithelioma TGLS = 2-14]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 6-15]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Minimal
* Ovary		Inflammation	Marked
[Inflammation TGLS = 5-11]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 759	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Rectum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Spleen	* Thymus
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Eye			
Note: Optic nerves in block 9.			
* Kidney		Pigmentation	Mild
* Ovary			
Note: One ovary missing.			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 760	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 687
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601380

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	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hepatocellular Adenoma	
		Hepatocholangioma	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Marked

[Cholangiocarcinoma TGLS = 1,4-13+16]
[Hepatocellular Adenoma TGLS = 5-17]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 760	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 687
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601380

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocholangioma TGLS = 3-15]			
[Hyperplasia TGLS = 2-14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
Spinal Cord	Nerve	Degeneration	Moderate
* Spleen		Pigmentation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	- Liver Toxic Hepatopathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 761	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Uterus	Vagina	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
* Liver		Cholangiofibrosis	Mild
		Fatty Change	Diffuse, Moderate
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 1-5]			
* Spleen		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 762	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Mammary Gland	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	Vagina
OBSERVATIONS			
* Adrenal Cortex		Atrophy	Mild
* Liver		Fatty Change	Diffuse, Moderate
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 1-5]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Dilatation	Marked
[Dilatation TGLS = 2-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 763	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Uterus	Vagina	
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 1-5]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 764	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Lung	* Mammary Gland	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Uterus	Vagina	
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Fatty Change	Diffuse, Moderate
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 1-5]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 765	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 216
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Uterus	Vagina	
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Moderate
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Fatty Change TGLS = 1-5]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 766	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601386

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	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Eye	Retina	Atrophy	Mild
* Kidney		Nephropathy	Mild
		Pigmentation	Moderate
* Liver		Angiectasis	Mild
		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Minimal
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 766	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601386

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 4,5,6,7,8,9-13+14+15+16+17+18]			
* Lung		Cystic Keratinizing Epithelioma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
	Nasolacrim Dct	Inflammation	Suppurative, Moderate
		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Moderate
* Uterus		Carcinoma	
		Polyp Stromal	
[Carcinoma TGLS = 3-11]			
[Polyp Stromal TGLS = 2-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 767	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601387

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	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Cholangiofibrosis	Minimal
	Bile Duct	Cyst	Minimal
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Necrosis	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate

[Eosinophilic Focus TGLS = 2-6+7]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 767	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601387

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-14]			
* Lung		Cystic Keratinizing Epithelioma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 4-3+4]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Dilatation	Marked
	Artery	Inflammation	Chronic Active, Moderate
	Duct	Inflammation	Moderate
	Acinus	Vacuolization Cytoplasmic	Mild
[Dilatation TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Glandular	Artery	Inflammation	Chronic Active, Mild
* Thymus		Atrophy	Marked
* Uterus	Bilateral	Polyp Stromal	
PRIMARY CAUSE OF DEATH	- Liver Toxic Hepatopathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 768	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
	Artery	Inflammation	Chronic Active, Mild
* Intestine Large, Colon	Artery	Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	
		Cholangiofibrosis	Mild
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 768	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601388

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
		Toxic Hepatopathy	Moderate
[Hyperplasia TGLS = 2-6+7]			
[Hypertrophy TGLS = 1-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
	Acinus	Vacuolization Cytoplasmic	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 769	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601389

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
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Atrophy	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Minimal
	Epicardium	Fibrosis	Moderate
* Kidney		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocholangioma	
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 769	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601389

ORGAN AND ACCOUNTABLE SITE STATUS

		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 3,4,5,6-15+16+17]			
[Hepatocellular Adenoma TGLS = 7-18]			
[Hepatocholangioma TGLS = 8-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Artery, Mediastinum	Inflammation	Chronic Active, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Artery	Inflammation	Chronic Active, Minimal
	Acinus	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
Tooth	Peridont Tiss	Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 770	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601390

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
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Moderate
[Hyperplasia TGLS = 1-6+7+13]			
* Lung		Cystic Keratinizing Epithelioma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 770	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601390

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
		Metaplasia	Squamous, Mild
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 771	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Uterus
Vagina			
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLS = 1-5]			
* Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 772	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Uterus	Vagina
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Moderate
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
	Hepatocyte	Multinucleated	Mild
		Necrosis	Minimal
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLS = 1-5]			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 773	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Uterus	Vagina
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Moderate
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLS = 1-5]			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 774	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Uterus	Vagina
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Moderate
	Hepatocyte	Multinucleated	Mild
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLS = 1-5]			
* Lung		Inflammation	Minimal
* Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 775	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 97
	DOSE: 4600 UG/KG	**DISP:** Scheduled Sacrifice	**HISTO:** 0601395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Uterus
Vagina			
OBSERVATIONS			
* Liver		Fatty Change	Diffuse, Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Moderate
	Hepatocyte	Multinucleated	Mild
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLS = 1-5]			
* Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 776	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 711
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601396

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	* Mammary Gland
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Nephropathy	Moderate
		Pigmentation	Moderate
* Liver		Cholangiocarcinoma	Multiple
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Mild
	Hepatocyte	Multinucleated	Mild
		Necrosis	Moderate
		Pigmentation	Moderate
		Toxic Hepatopathy	Marked

[Hyperplasia TGLS = 1,2-6+7+13]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 776	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 711
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601396

ORGAN AND ACCOUNTABLE SITE STATUS

[Hypertrophy TGLS = 1-6+7]			
* Lung		Cystic Keratinizing Epithelioma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Cystic Keratinizing Epithelioma TGLS = 4,5-14+16]			
[Infiltration Cellular TGLS = 6-3+4]			
[Metaplasia TGLS = 6-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Moderate
* Uterus		Hemorrhage	Mild
	Endometrium	Hyperplasia	Cystic, Minimal
Note: Hemorrhage occurred in a dilated gland in the endometrium.			
[Hemorrhage TGLS = 3-15]			

PRIMARY CAUSE OF DEATH	- Liver Toxic Hepatopathy
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 777	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 484
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Moderate
		Pigmentation	Moderate
		Toxic Hepatopathy	Mild
[Hypertrophy TGLS = 2-5+6]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
* Skin		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-13]			
* Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 777	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 484
	DOSE: 4600 UG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0601397

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Skin Schwannoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 778	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain		Lymphoma Malignant	
* Clitoral Gland	Duct	Cyst	Mild
* Intestine Large, Rectum		Lymphoma Malignant	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Moderate
* Liver		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Lymphoma Malignant	
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate

[Cholangiocarcinoma TGLS = 3-13]
[Hyperplasia TGLS = 2-6+7]
[Hypertrophy TGLS = 1-6+7]
[Lymphoma Malignant TGLS = 2-6+7]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 778	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601398

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Cystic Keratinizing Epithelioma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
		Metaplasia	Squamous, Moderate
[Cystic Keratinizing Epithelioma TGLS = 4-14]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
	Acinus	Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 779	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601399

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	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Mild
[Nephropathy TGLS = 9-5]			
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Marked
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 779	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: 4600 UG/KG	**DISP:** Natural Death	**HISTO:** 0601399

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Marked
[Cholangiocarcinoma TGLS = 3,5,6-15+17+18]			
[Hyperplasia TGLS = 4,8-6+7+16]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Metaplasia	Squamous, Moderate
Lymph Node	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-14]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
* Nose		Inflammation	Mild
* Pancreas	Duct	Dilatation	Marked
	Artery	Inflammation	Chronic Active, Moderate
	Duct	Inflammation	Moderate
	Duct	Necrosis	Moderate
	Acinus	Vacuolization Cytoplasmic	Minimal
[Inflammation TGLS = 1-13]			
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Liver Toxic Hepatopathy
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 780	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601400

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
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Degeneration	Cystic, Moderate
		Hyperplasia	Moderate
		Hypertrophy	Mild
Note: One adrenal was atrophic.			
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Moderate
* Liver		Cholangiocarcinoma	Multiple
		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 780	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0601400

ORGAN AND ACCOUNTABLE SITE STATUS

[Cholangiocarcinoma TGLS = 2,3,4-13+14+15]			
[Hyperplasia TGLS = 5-16]			
[Hypertrophy TGLS = 1-6+7]			
* Lung		Cystic Keratinizing Epithelioma	
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Metaplasia TGLS = 6-4]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Moderate
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 801	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601401

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, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Carcinoma	Metastatic (Uterus)
		Hyperplasia	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Eye			
Note: Optic nerve on slide 9.			
* Intestine Small, Ileum		Carcinoma	Metastatic (Uterus)
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular	Degeneration	Moderate
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Necrosis	Minimal
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 3-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 801	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601401

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric	Hemorrhage	Mild
Mesentery	Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 2-14]		
* Ovary	Carcinoma	Metastatic (Uterus)
	Cyst	Mild
* Pancreas	Carcinoma	Metastatic (Uterus)
* Spleen	Carcinoma	Metastatic (Uterus)
	Hematopoietic Cell Proliferation	Minimal
[Carcinoma TGLS = 4-13]		
* Stomach, Glandular	Erosion	Mild
* Thymus	Atrophy	Marked
* Uterus	Carcinoma	
	Hemorrhage	Mild

PRIMARY CAUSE OF DEATH - Uterus Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 802	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601402

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, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
[Mixed Cell Focus TGLS = 1-6+7+13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 802	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601402

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-14]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Uterus		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 803	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601403

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, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Cholangiofibrosis	Moderate
		Clear Cell Focus	
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	
	Bile Duct	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild

[Cholangiofibrosis TGLS = 6-16]
[Eosinophilic Focus TGLS = 6-16]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 803	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601403

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatodiaphragmatic Nodule TGLS = 4-15]			
[Mixed Cell Focus TGLS = 6-16]			
* Lung		Carcinoma	Metastatic (Uterus)
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Ovary		Carcinoma	Metastatic (Uterus)
* Pancreas		Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 3-14]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Marked
[Carcinoma TGLS = 1-13]			
[Hyperplasia TGLS = 2-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 804	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 657
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601404

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, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Carcinoma	Metastatic (Uterus)
* Intestine Small, Ileum		Carcinoma	Metastatic (Uterus)
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Carcinoma	Metastatic (Uterus)
	Pelvis	Inflammation	Minimal
		Nephropathy	Mild
		Pigmentation	Mild
[Carcinoma TGLS = 8-5]			
* Liver		Carcinoma	Metastatic (Uterus)
		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Marked
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 804	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 657
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601404

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
		Toxic Hepatopathy	Moderate
[Carcinoma TGLS = 3,5,6-13+17+18]			
[Cholangiocarcinoma TGLS = 3,4,7-6+7+13+16]			
[Hyperplasia TGLS = 7-6+7]			
* Lung		Carcinoma	Metastatic (Uterus)
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
Mesentery		Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 11-19]			
* Ovary		Carcinoma	Metastatic (Uterus)
Note: One ovary could not be identified because of the neoplastic process.			
* Pancreas		Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 9-14]			
* Spleen		Carcinoma	Metastatic (Uterus)
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
[Carcinoma TGLS = 10-20]			
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Thymus		Atrophy	Marked
* Uterus		Carcinoma	
		Inflammation	Moderate
[Carcinoma TGLS = 2-15]			
PRIMARY CAUSE OF DEATH	- Uterus Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 805	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 302
	DOSE: 4600 UG/KG STOP	**DISP:** Natural Death	**HISTO:** 0601405

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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Erosion	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 806	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601406

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	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Eye			
Note: Optic nerve on slide 9.			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Cholangiocarcinoma	
	Bile Duct	Cyst	Moderate
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Cholangiocarcinoma TGLS = 1-13]			
[Cyst TGLS = 2-17]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 3-16]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 806	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601406

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Cyst	Moderate
		Fibroadenoma	
[Cyst TGLS = 5-15]			
[Fibroadenoma TGLS = 4-14]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Mild
* Uterus		Metaplasia	Squamous, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 807	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601407

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
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Fibrosis	Mild
		Hypertrophy	Moderate
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4-5]			
* Liver		Angiectasis	Moderate
		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal

Note: The epithelial components of the cholangiocarcinomas appeared to have atrophied and were replaced by fibrous connective tissue.
[Angiectasis TGLS = 1-13]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 807	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601407

ORGAN AND ACCOUNTABLE SITE STATUS

[Cholangiocarcinoma TGLS = 2,3-14+15]			
[Eosinophilic Focus TGLS = 1-13]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
Mesentery	Artery	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 5-16]			
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 808	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601408

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	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Moderate
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Cholangiocarcinoma	Multiple
		Clear Cell Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 1,2-14+15]			
[Mixed Cell Focus TGLS = 3-6+7+14+15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 808	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601408

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 5,7-13+14]			
* Ovary		Cyst	Mild
[Cyst TGLS = 6-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 809	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601409

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, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 3,4-14+15]			
* Lung	Alveolus	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	
[Fibroadenoma TGLS = 1-13]			
* Nose		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 809	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601409

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Moderate
[Adenoma TGLS = 2-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 810	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 433
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601410

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	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiofibrosis	Minimal
		Clear Cell Focus	Multiple
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Nose		Inflammation	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 810	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 433
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601410

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 811	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum	Artery	Inflammation	Chronic Active, Mild
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Moderate
		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Cholangiocarcinoma	
		Clear Cell Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Cholangiocarcinoma TGLS = 2-14]			
[Mixed Cell Focus TGLS = 3,4-15+16]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 811	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601411

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Mammary Gland		Fibroadenoma	
		Inflammation	Granulomatous, Mild
[Fibroadenoma TGLS = 1-13]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Artery	Inflammation	Chronic Active, Mild
	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Metaplasia	Squamous, Moderate
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 812	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 713
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601412

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	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Carcinoma	Metastatic (Uterus)
		Hypertrophy	Minimal
[Carcinoma TGLS = 6-16]			
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Kidney		Accumulation, Hyaline Droplet	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Carcinoma	Metastatic (Uterus)
		Cholangiocarcinoma	Multiple
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Mild
		Necrosis	Moderate
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Carcinoma TGLS = 7,9-17]			
[Cholangiocarcinoma TGLS = 8,9-6+17+18]			
[Hyperplasia TGLS = 9-7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 10-3+4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 812	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 713
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601412

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Cyst	Moderate
[Cyst TGLS = 17,18-26+27]			
Mesentery		Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 12,13,14,15,16-21+22+23+24+25]			
* Nose		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Ovary			
Note: One ovary missing; probably engulfed by the tumor.			
* Pancreas		Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 5-15]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 11-20]			
* Spleen		Carcinoma	Metastatic (Uterus)
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Inflammation	Mild
		Ulcer	Moderate
* Stomach, Glandular		Carcinoma	Metastatic (Uterus)
* Thymus		Atrophy	Marked
* Uterus		Carcinoma	
[Carcinoma TGLS = 2,3,4-13+14+19]			
PRIMARY CAUSE OF DEATH	- Uterus Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 813	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Hyperplasia	Squamous, Mild
		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 4-6+7+15]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-13+14+15]			
* Ovary		Cyst	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 813	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601413

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 814	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601414

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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Cholangiocarcinoma	
	Bile Duct	Cyst	Mild
		Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Cholangiocarcinoma TGLS = 1-13]			
[Cyst TGLS = 8-18]			
[Degeneration TGLS = 2-18]			
* Lung		Carcinoma	Metastatic (Thyroid Gland)
	Alveolus	Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 814	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601414

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 4-16]			
[Infiltration Cellular TGLS = 3-17]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-15]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 5-14]			
* Uterus		Carcinoma	
[Carcinoma TGLS = 7-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 815	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601415

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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Moderate
		Mineralization	Mild
		Nephropathy	Mild
[Cyst TGLS = 6-14]			
[Nephropathy TGLS = 7-5]			
* Liver		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Necrosis	Moderate
		Pigmentation	Moderate
		Toxic Hepatopathy	Minimal
[Necrosis TGLS = 4-6+7]			
[Pigmentation TGLS = 3-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 815	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601415

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Mild
* Uterus		Hemorrhage	Moderate
	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Mild

Note: The uterine horns were dilated and contained erythrocytes, leukocytes, and an eosinophilic proteinaceous material.
[Hyperplasia TGLS = 2-11]

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Necrosis;Uterus Endometrium Hyperplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 816	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601416

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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Minimal
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Nephropathy	Mild
* Liver		Cholangiocarcinoma	
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLS = 3-6+7]			
[Mixed Cell Focus TGLS = 4-14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 2-3+4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,5-13+15]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 816	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601416

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 817	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 545
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601417

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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
* Esophagus	Muscularis	Inflammation	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Mild
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Mineralization	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
Tooth	Peridont Tiss	Inflammation	Minimal
* Uterus		Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 817	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 545
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601417

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 818	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601418

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	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
	Bile Duct	Fibrosis	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 1-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 818	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601418

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Mild
		Metaplasia	Squamous, Mild
[Carcinoma TGLS = 2-13]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 819	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601419

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	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal

Note: The cystic clitoral gland was lined with squamous epithelium and contained a keratin-like material.
[Cyst TGLS = 2-14]

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Cholangiocarcinoma	Multiple
		Fatty Change	Focal, Minimal
		Fatty Change	Diffuse, Mild
	Bile Duct	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 819	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601419

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 4,5,6-15+16+17]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 7-3+4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-13]			
Mesentery	Artery	Inflammation	Chronic Active, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 820	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 725
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601420

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 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, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Mild
* Kidney		Amyloid Deposition	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 2-5]			
* Liver		Cholangiocarcinoma	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Moderate
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 1-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-3+4]			
* Mammary Gland		Inflammation	Granulomatous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 820	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 725
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601420

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Artery	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 4-14]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
	Artery	Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 5-15]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 821	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601421

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, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
Note: One clitoral gland missing.			
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	Multiple
		Fatty Change	Diffuse, Mild
		Hematopoietic Cell Proliferation	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Toxic Hepatopathy	Minimal
[Eosinophilic Focus TGLS = 5-6+7+16]			
[Mixed Cell Focus TGLS = 5-6+7+16]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 821	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601421

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 6-3+4]			
* Mammary Gland		Cyst	Mild
		Fibroadenoma	Multiple
[Cyst TGLS = 1-12]			
[Fibroadenoma TGLS = 3,4-14+15]			
* Nose		Inflammation	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 822	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601422

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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
		Clear Cell Focus	Multiple
	Bile Duct	Cyst	Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
		Toxic Hepatopathy	Moderate
[Cholangiocarcinoma TGLS = 1,2,3,5-13+14+15+16]			
[Mixed Cell Focus TGLS = 4-17]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 822	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601422

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 823	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Heart	* 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	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Degeneration	Cystic, Moderate
		Hyperplasia	Moderate
Note: Adrenal cortical atrophy was unilateral.			
[Hyperplasia TGLS = 9-8]			
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Intestine Large, Cecum	Artery	Inflammation	Chronic Active, Minimal
* Intestine Large, Colon	Artery	Inflammation	Chronic Active, Moderate
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Moderate
* Kidney	Artery	Inflammation	Chronic Active, Moderate
	Pelvis	Inflammation	Minimal
		Nephropathy	Moderate
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
	Bile Duct	Cyst	Mild
	Centrilobular	Degeneration	Mild
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 823	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601423

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Moderate
[Cholangiocarcinoma TGLS = 1,2,4,5,6-13+14+15+16+17]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 3-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary		Cyst	Mild
Note: The ovarian cyst was a bursal cyst.			
[Cyst TGLS = 8-11]			
* Pancreas	Acinus	Atrophy	Focal, Mild
	Artery	Inflammation	Chronic Active, Mild
		Inflammation	Chronic Active, Minimal
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-18]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild
Tooth	Peridont Tiss	Inflammation	Mild
Note: Inflammation was associated with embedded hair shafts.			
* Uterus		Metaplasia	Squamous, Minimal
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 824	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601424

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Degeneration	Cystic, Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 824	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601424

ORGAN AND ACCOUNTABLE SITE STATUS

Note: In some cholangiocarcinomas, there were areas where most of the epithelial elements were no longer present and only the fibrous connective tissue remained.
[Cholangiocarcinoma TGLS = 1,2,3,4,5-18+19+20+21]
[Cyst TGLS = 6-17]
[Hypertrophy TGLS = 7-6+7]

* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Cyst	Moderate
		Hyperplasia	Mild
		Inflammation	Granulomatous, Mild
[Cyst TGLS = 9,10-13+14+15+16]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Mild
Note: The focus of inflammation contained embedded hair shafts.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Metaplasia	Squamous, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 825	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 589
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601425

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	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Granulosa Cell Tumor Malignant	Metastatic (Ovary)
		Necrosis	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Granulosa Cell Tumor Malignant	Metastatic (Ovary)
		Mineralization	Minimal
		Nephropathy	Mild
[Granulosa Cell Tumor Malignant TGLS = 3-15]			
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
Note: There was a atrophy/loss of epithelium in some of the cholangiofibrosis/cholangiocarcinoma lesions.			
[Cholangiocarcinoma TGLS = 4,6-16+18]			
[Cholangiofibrosis TGLS = 5-17]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 825	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 589
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601425

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 8-3+4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Ovary		Granulosa Cell Tumor Malignant	
[Granulosa Cell Tumor Malignant TGLS = 2-14]			
* Pancreas	Acinus	Atrophy	Focal, Mild
		Inflammation	Chronic Active, Minimal
	Acinus	Vacuolization Cytoplasmic	Minimal
Skeletal Muscle		Granulosa Cell Tumor Malignant	Metastatic (Ovary)
Note: The tumor affected the diaphragm.			
[Granulosa Cell Tumor Malignant TGLS = 7-19]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH	- Ovary Granulosa Cell Tumor Malignant
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 826	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 160
	DOSE: 4600 UG/KG STOP	**DISP:** Natural Death	**HISTO:** 0601426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Heart	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea		
MISSING			
* Adrenal Cortex	* Adrenal Medulla	* Clitoral 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, Mesenteric	* Ovary	* Pancreas	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 827	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601427

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	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Necrosis	Moderate
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Pelvis	Dilatation	Moderate
		Nephropathy	Moderate
[Dilatation TGLS = 1-14]			
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Mild
		Eosinophilic Focus	Multiple
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
Note: Some epithelial components of the cholangiocarcinoma were undergoing atrophy/degeneration.			
[Cholangiocarcinoma TGLS = 3-16]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 6-3+4]			
* Lymph Node, Mesenteric		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 827	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601427

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Amyloid Deposition	Mild
	Acinus	Atrophy	Focal, Mild
		Inflammation	Chronic Active, Mild
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
		Inflammation	Mild
		Ulcer	Mild
* Thymus		Atrophy	Marked
Tongue		Degeneration	Mild
Note: Degeneration was characterized by edema, loss of muscle fibers and accumulation of adipose tissue.			
[Degeneration TGLS = 5-17]			
Ureter		Cyst	Mild
Note: The lumen of the ureters was dilated; however, dilatation was not an option in the lexicon and cyst was used instead.			
[Cyst TGLS = 2-15]			
* Urinary Bladder		Carcinoma	Metastatic (Uterus)
* Uterus		Carcinoma	
		Inflammation	Moderate
[Carcinoma TGLS = 4-13]			

PRIMARY CAUSE OF DEATH - Uterus Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 828	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601428

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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 2,3-13+14]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 828	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601428

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Mild
Note: Inflammation was associated with embedded hair shafts.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 829	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* 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	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	Multiple
		Cholangiocarcinoma	
		Clear Cell Focus	Multiple
		Eosinophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Cholangiocarcinoma TGLS = 3-15]			
[Mixed Cell Focus TGLS = 4-6+7+16]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 829	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601429

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 5-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary			
Note: One ovary missing.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Mild
[Carcinoma TGLS = 1-13]			
[Hyperplasia TGLS = 2-14]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 830	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601430

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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
		Hypertrophy	Moderate
[Degeneration TGLS = 2-8]			
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Moderate
* Liver		Basophilic Focus	Multiple
		Cholangiofibrosis	Minimal
		Clear Cell Focus	Multiple
		Fatty Change	Focal, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 830	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601430

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-13]			
* Nose	Glands	Cyst	Mild
		Inflammation	Mild
* Ovary		Cyst	Moderate
		Inflammation	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Bilateral	Polyp Stromal	
[Polyp Stromal TGLS = 3-14]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 831	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Pelvis	Dilatation	Moderate
		Nephropathy	Moderate
[Dilatation TGLS = 6-15]			
[Nephropathy TGLS = 4-5+15]			
* Liver		Cholangiocarcinoma	Multiple
		Cholangiofibrosis	Moderate
	Bile Duct	Cyst	Minimal
		Eosinophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 831	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601431

ORGAN AND ACCOUNTABLE SITE STATUS

		Toxic Hepatopathy	Moderate
[Cholangiocarcinoma TGLS = 1,2,3-18+19+20]			
[Hyperplasia TGLS = 12-6+7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
Mesentery	Artery	Inflammation	Chronic Active, Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
		Inflammation	Moderate
		Squamous Cell Carcinoma	
		Ulcer	Mild
[Hyperplasia TGLS = 11-6]			
[Squamous Cell Carcinoma TGLS = 10-14]			
* Thymus		Atrophy	Mild
Ureter		Cyst	Mild
Note: The term cyst was used to designate dilatation of the lumen since the appropriate term was unavailable.			
[Cyst TGLS = 5-15]			
* Uterus		Carcinoma	
		Squamous Cell Carcinoma	
Note: The uterus had areas that were glandular and other areas with squamous differentiation.			
[Carcinoma TGLS = 8-17]			

PRIMARY CAUSE OF DEATH -

Animal Note: TGL 7=NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 832	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 713
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601432

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	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Cholangiocarcinoma	
		Clear Cell Focus	
		Eosinophilic Focus	Multiple
	Bile Duct	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Moderate
		Necrosis	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild

[Cholangiocarcinoma TGLS = 2-15]
[Eosinophilic Focus TGLS = 3-6+7+15+16]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 832	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 713
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601432

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Uterus		Inflammation	Moderate
		Metaplasia	Squamous, Marked

Note: The lining of the uterus had undergone squamous metaplasia and the lumen was dilated with a keratin-like material and other eosinophilic material.
[Metaplasia TGLS = 1-13+14]

PRIMARY CAUSE OF DEATH	- Liver Toxic Hepatopathy
CONTRIBUTORY CAUSE OF DEATH	- Uterus Metaplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 833	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 680
	DOSE: 4600 UG/KG STOP	**DISP:** Natural Death	**HISTO:** 0601433

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
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Moderate
		Pigmentation	Minimal
* Lung		Inflammation	Marked
Lymph Node	Renal	Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 3-15]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
Mesentery		Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 5-16]			
* Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Moderate
	Olfactory Epi	Metaplasia	Moderate

Note: The meatuses contained exudate and foreign (plant) material.

* Ovary

Note: One ovary obliterated by tumor.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 833	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 680
	DOSE: 4600 UG/KG STOP	**DISP:** Natural Death	**HISTO:** 0601433

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle	Carcinoma	Metastatic (Uterus)
[Carcinoma TGLS = 4-15]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thymus	Atrophy	Marked
* Uterus	Carcinoma	
	Metaplasia	Squamous, Minimal
[Carcinoma TGLS = 1,2-13+14]		

PRIMARY CAUSE OF DEATH - Uterus Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 834	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601434

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	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
Note: One clitoral gland missing.			
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 8-5]			
* Liver		Basophilic Focus	Multiple
		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Moderate
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Minimal
	Bile Duct	Fibrosis	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 834	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601434

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
		Toxic Hepatopathy	Mild
Note: TGL 2 appeared to be the remnants of a cholangiocarcinoma in which most of the epithelial elements had atrophied leaving fibrous connective tissue.			
[Cholangiocarcinoma TGLS = 3,7-13+16]			
[Cyst TGLS = 6-16]			
[Eosinophilic Focus TGLS = 5-15]			
[Mixed Cell Focus TGLS = 4-14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Mild
[Infiltration Cellular TGLS = 2-3+4]			
[Inflammation TGLS = 2-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Hyperplasia	Minimal
		Inflammation	Granulomatous, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Focal, Mild
	Artery	Inflammation	Chronic Active, Mild
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 835	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601435

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	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	Multiple
		Fatty Change	Diffuse, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 3,4-13+15]			
[Mixed Cell Focus TGLS = 5-16]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 835	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601435

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Cyst	Moderate
[Cyst TGLS = 2-14]			
* Pancreas	Artery	Inflammation	Chronic Active, Minimal
	Acinus	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Minimal
		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 6-17]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 836	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 696
	DOSE: 4600 UG/KG STOP	**DISP:** Natural Death	**HISTO:** 0601436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Marked
		Vacuolization Cytoplasmic	Mild
[Hypertrophy TGLS = 6-8]			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon	Artery	Inflammation	Chronic Active, Moderate
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 5-5]			
* Liver		Cholangiocarcinoma	
	Bile Duct	Cyst	Moderate
		Eosinophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Nodular
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 3,4-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 836	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 696
	DOSE: 4600 UG/KG STOP	**DISP:** Natural Death	**HISTO:** 0601436

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 9-13]			
[Hyperplasia TGLS = 4,6-6+7+14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 8-3]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose		Inflammation	Minimal
Note: A proteinaceous material was present in the dorsal meatus.			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-11]			
* Pancreas	Artery	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 7-15]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Liver Toxic Hepatopathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 837	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601437

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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Inflammation	Moderate
		Mixed Cell Focus	Multiple
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 1-13]			
[Fibroadenoma TGLS = 2-14]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate
		Inflammation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 837	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601437

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 838	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 582
	DOSE: 4600 UG/KG STOP	**DISP:** Natural Death	**HISTO:** 0601438

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	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiofibrosis	Minimal
		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Mild
		Necrosis	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 838	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 582
	DOSE: 4600 UG/KG STOP	**DISP:** Natural Death	**HISTO:** 0601438

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Cyst	Moderate
[Cyst TGLS = 2-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Minimal
		Metaplasia	Squamous, Minimal

Note: The lumen of the uterus was markedly dilated and contained erythrocytes, leukocytes and other eosinophilic material.
[Hyperplasia TGLS = 1-13+14]

PRIMARY CAUSE OF DEATH - Uterus Endometrium Hyperplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 839	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 545
	DOSE: 4600 UG/KG STOP	**DISP:** Natural Death	**HISTO:** 0601439

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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Mild
		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Mild
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 839	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 545
	DOSE: 4600 UG/KG STOP	**DISP:** Natural Death	**HISTO:** 0601439

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: The uterine horns were markedly dilated. The contents were lost in processing. [Hyperplasia TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 840	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 567
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
* Intestine Large, Rectum	Artery	Inflammation	Chronic Active, Moderate
Note: Inflammation and necrosis of the arteries occurred in the rectum, thymus and the vessels of multiple other organs.			
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 2-5]			
* Liver		Cholangiocarcinoma	
		Fatty Change	Focal, Minimal
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
		Necrosis	Mild
		Toxic Hepatopathy	Minimal
Note: There was degeneration/atrophy of some of the epithelial cells of the tumor.			
[Cholangiocarcinoma TGLS = 1-13]			
* Lung	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Nose		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 840	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 567
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601440

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Liver Cholangiocarcinoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 841	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601441

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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney	Pelvis	Dilatation	Mild
		Nephropathy	Mild
		Pigmentation	Minimal
[Dilatation TGLS = 3-5]			
* Liver		Cholangiocarcinoma	
	Bile Duct	Cyst	Marked
		Eosinophilic Focus	Multiple
		Fatty Change	Focal, Minimal
	Bile Duct	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Cyst TGLS = 4-15]			
[Eosinophilic Focus TGLS = 5-7+16]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 841	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601441

ORGAN AND ACCOUNTABLE SITE STATUS

[Mixed Cell Focus TGLS = 5-6+7+15+16]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
[Infiltration Cellular TGLS = 6-3+4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Mild
		Metaplasia	Squamous, Minimal
[Carcinoma TGLS = 2-14]			
[Hyperplasia TGLS = 1-11+13]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 842	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Brain		Carcinoma	Metastatic (Pituitary Gland)
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiocarcinoma	Multiple
	Bile Duct	Cyst	Mild
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 3-15]			
[Hypertrophy TGLS = 4-6+7+15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 842	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601442

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 2-14]			
* Spleen		Pigmentation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 843	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601443

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
[Cyst TGLS = 2-12]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Cholangiocarcinoma	
		Cholangiofibrosis	Mild
		Fatty Change	Focal, Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Mild
		Toxic Hepatopathy	Minimal
[Mixed Cell Focus TGLS = 4,5-6+7+14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 843	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601443

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Fibroma	
[Fibroma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Mild
[Hyperplasia TGLS = 3-11]			
PRIMARY CAUSE OF DEATH	- Skin Fibroma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 844	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601444

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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	Multiple
		Clear Cell Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Moderate
[Cholangiocarcinoma TGLS = 2,3,7-6+7+15+16]			
[Mixed Cell Focus TGLS = 4,7-6+7+16]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 844	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601444

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Moderate
[Infiltration Cellular TGLS = 1-4+14]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 6-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Mild
Tooth	Peridont Tiss	Inflammation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 845	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601445

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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	
		Clear Cell Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	Multiple
		Necrosis	Minimal
		Pigmentation	Mild
		Toxic Hepatopathy	Mild
[Cholangiocarcinoma TGLS = 1-13]			
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 845	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601445

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 846	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601446

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, 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, Minimal
		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Moderate
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
[Mixed Cell Focus TGLS = 1-13]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 846	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601446

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Mild
Note: The inflammation was associated with embedded hair shafts.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 847	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601447

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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Cholangiocarcinoma	Multiple
	Bile Duct	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Minimal
[Cholangiocarcinoma TGLS = 1,2-13+14]			
[Mixed Cell Focus TGLS = 2-14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 3-3+4]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 847	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601447

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Pigmentation	Moderate
* Thymus	Atrophy	Mild
* Uterus	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 848	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 567
	DOSE: 4600 UG/KG STOP	**DISP:** Moribund Sacrifice	**HISTO:** 0601448

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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Necrosis	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Minimal
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
* Uterus		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-13]			

PRIMARY CAUSE OF DEATH - Uterus Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 849	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601449

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	Multiple
		Fatty Change	Focal, Minimal
		Inflammation	Minimal
		Mixed Cell Focus	Multiple
	Hepatocyte	Multinucleated	Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
[Infiltration Cellular TGLS = 1-3+4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 849	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 4600 UG/KG STOP	**DISP:** Terminal Sacrifice	**HISTO:** 0601449

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Metaplasia	Squamous, Mild
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 850	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 207
	DOSE: 4600 UG/KG STOP	**DISP:** Accidentally Killed	**HISTO:** 0601450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone		Fracture	
[Fracture TGLS = 3-13]			
* Bone Marrow		Hyperplasia	Mild
* Brain		Hemorrhage	Mild
[Hemorrhage TGLS = 1-9]			
* Clitoral Gland	Duct	Cyst	Minimal
* Eye			
Note: Optic nerves on slide 9.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Diffuse, Moderate
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Minimal
[Fatty Change TGLS = 2+6+7]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Death was due to accidental trauma.

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE