C Number:	C50602C
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	11/07/1991

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow	Hyperplasia	Mild
Brain	Mineralization	Minimal
Kidney	Cyst	
	Nephropathy	Minimal
Note: [CYST] TGLs = 1-5		
Liver	Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 3-10		
Lung	Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 2-3		
Trachea	Inflammation	Suppurative, Minimal
Zymbal's Gland	Adenoma	
Note: [ADENOMA] TGLs = 4-11		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Mild
		Hepatocellular Adenoma	

Note: VACUOLATED FOCUS
[Degeneration TGLS = 1-10]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Brain		Mineralization	Minimal
Heart		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal
Preputial Gland		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Urinary Bladder

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON ADEN] TGLs = 2-3			
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 3-10			
Spleen		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 1-4			
Thymus		Necrosis	Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14516

ORGAN AND ACCOUNTABLE SITE STATUS

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	Multiple
Note: [HEPATOCLR CARC] TGLs = 1,2-4+10+11+12			
Note: ARE THE SAME CHARACTER. SLIDES 11 & 12 MUST HAVE TGL1.			
Note: LIVER - SLIDES 4 & 10 HAVE TGL 2. TUMORS ON 4 & 10			
Note: TUMORS ON SLIDE 11 & 12 LOOK THE SAME.			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: [HEPATOCLR CARC] TGLs = 3,5-3			
Lymph Node	Mesenteric	Congestion	Mild
Note: [CONGESTION] TGLs = 4-6			
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Urinary Bladder

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Kidney	Renal Tubule	Hyperplasia	Marked
		Nephropathy	Minimal
Note: [HYPERPLASIA] TGLs = 2-5			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON ADEN] TGLs = 1-3			
Nose		Inflammation	Suppurative, Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Brain		Mineralization	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-4			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 627
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Testes
Thyroid Gland			

MISSING

Lymph Node - Bronchial	Mammary Gland	Prostate

OBSERVATIONS

Intest Large			
Note: GROSSLY.			
Note: TGL 1 SEEMS TO BE A URETHRAL SEMINAL PLUG. IT IS NOT			
Note: RECTUM PRESENT ON SLIDE 13, BUT MAY HAVE BEEN MISTAKEN			
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 5-11			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Congestion	Moderate
Note: [CONGESTION] TGLs = 3,7-6+12			
Note: [ANGIECTASIS] TGLs = 7-12			
Preputial Gland		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 4-10			
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
	Glandular	Ulcer	Minimal
Note: [PIGMENT] TGLs = 6-8			
Thymus		Necrosis	Minimal
Trachea		Inflammation	Suppurative, Minimal
Urinary Bladder		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 627
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14520

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [DILATATION] TGLs = 2-8

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Liver	Hepatocellular Adenoma
Note: [HEPATOCLR ADEN] TGLs = 1-4	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Iliac	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-12			
Note: [LYMPH MAL MIXD] TGLs = 3-11			
Note: [LYMPH MAL MIXD] TGLs = 5-10			
Note: [LYMPH MAL MIXD] TGLs = 1-2			
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 2-4			
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 511
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Hyperplasia	Mast Cell, Minimal
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-4			
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-3			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Mild
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-10			
Stomach	Forestomach	Hyperplasia	Mast Cell, Minimal
	Glandular	Pigmentation	Hemosiderin, Minimal
	Glandular	Ulcer	Mild
Note: PIGMENT TGLs = 5-8			
Thymus		Necrosis	Mild
Zymbal's Gland		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 511
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14523

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ZYMBAL'S GL.- CYST IS LINED WITH SQUAMOUS CELL
Note: LAYER (THIN).
Note: CYST TGLs = 1-11

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 652
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Infarct	Marked
Note: [INFARCT] TGLs = 1-10			
Note: HEPATOCLR NEOPLASMS TGLS 1,2,3,4-4+10+11+12			
Mesentery	Fat	Angiectasis	Marked
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Squamous Cell Papilloma	
Note: [SQ CL PAPILLOM] TGLs = 5-8			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Hyperplasia	Mild
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver			
Note: ENOUGH TO DIAGNOSE.			
Note: TO ACCOUNT FOR TGL 2 BUT NOT CONSIDERED SIGNIFICANT			
Note: LIVER - SLIDE 10 HAS A POSSIBLE AREA OF FOCAL CONGESTION			
Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Mild
Note: [ALV BRON CARC] TGLs = 1-3			
Nose		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Esophagus	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Brain	Mineralization	Minimal
Kidney	Nephropathy	Minimal
Liver	Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 1-4		
Tooth	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Pancreas	Acinus	Hyperplasia	Mild
Testes	Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-7			
Tooth		Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Harderian Gland	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
OBSERVATIONS			
Pituitary Gland	Pars Distalis	Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-4+10			
Lymph Node	Mandibular	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Infiltration Cellular	Mast Cell, Minimal
Harderian Gland		Adenoma	
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 3-4+10			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Marked
		Inflammation	Chronic, Diffuse, Marked
Note: LUNG - INFLAMMATION IS CHRONIC BUT ACTIVE.			
Note: [INFILTRAT CELL] TGLs = 4-3+11			
Note: [ALV BRON CARC] TGLs = 1-3+11			
Lymph Node	Mediastinal	Hyperplasia	Moderate
	Mesenteric	Hyperplasia	Mild
Note: NORMAL BULBOURETHRAL GLAND.			
Note: LYMPH NODE - TGL 2 IS NOT LYMPH NODE BUT LOOKS LIKE			
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14530

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Follicular Cel	Adenoma	
Tooth		Inflammation	Minimal
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal
Note: ACCOUNTS FOR TGL 1. DEGENERATION OBSERVED IS DIFFUSE.			
Note: LIVER - DON'T THINK THE MINIMAL FATTY DEGENERATION			
Lung		Alveolar/Bronchiolar Adenoma	
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Testes	Thyroid Gland	Urinary Bladder

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Prostate

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 10-9			
Intestine Small	Duodenum	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 8-11			
Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-4			
Note: [HEPATOCLR CARC] TGLs = 3-4			
Lung		Lymphoma Malignant Lymphocytic	
		Thrombosis	Mild
Note: LUNG - THROMBI ARE OFTEN MINERALIZED.			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 7-5			
Note: [LYMPH MAL LYMP] TGLs = 6-10			
Nose		Inflammation	Suppurative, Minimal
Seminal Vesicle		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14533

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [INFLAMMATION] TGLs = 1-8			
Note: SEMINAL VESICLE - TGL 1 MAY OR MAY NOT BE RELATED TO			
Note: SUPPORATIVE INFLAMMATION. IT IS SOMEWHAT DILATED.			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Mild
Note: [HYPERPLASIA] TGLs = 9-8			
Thymus		Necrosis	Moderate
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Brain	Mineralization	Minimal
Kidney	Nephropathy	Minimal
Lung	Alveolar/Bronchiolar Adenoma	
Nose	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain		Mineralization	Minimal
Liver		Clear Cell Focus	
Lung		Alveolar/Bronchiolar Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 1-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Lymph Node - Bronchial	Mammary Gland		
INSUFFICIENT TISSUE			
Lymph Node - Mediastinal			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Brain	Developmental Malformation	
Note: [DEVELOP MALFOR] TGLs = 1-1		
Kidney	Nephropathy	Minimal
Liver	Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 2-10		
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Lymph Node - Mesenteric

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Minimal
		Mixed Cell Focus	

Note: [MIXED CL FOCUS] TGLs = 1-4

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Minimal
Brain		Mineralization	Minimal
Intestine Small	Duodenum, Peyers Patch	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 2-6			
Lymph Node	Mesenteric	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Degeneration	Cystic, Mild
		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 1-10			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	Lymph Node - Mediastinal	Mammary Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	

Note: HEPATOCLR ADEN TGLs = 1-10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Note: [BASOPH FOCUS] TGLs = 2-10			
Mesentery	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 1-11			
Tooth		Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 1-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Thymus	Epithel Cell	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Nose	Pancreas	Pituitary Gland
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Moderate
Brain		Mineralization	Minimal
Kidney		Inflammation	Suppurative, Mild
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: [ALV BRON ADEN] TGLs = 2-3			
Note: [INFILTRAT CELL] TGLs = 1-3			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mandibular	Hyperplasia	Mild
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 4-10			
Prostate		Inflammation	Suppurative, Minimal
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 3-10			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Mild
Urinary Bladder		Dilatation	Moderate
Note: [DILATATION] TGLs = 5-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14546

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Penis
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Urethra

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 3,4-4+10			
Nose		Inflammation	Suppurative, Minimal
Preputial Gland		Inflammation	Suppurative, Mild
Note: [INFLAMMATION] TGLs = 1-11			
Trachea		Inflammation	Suppurative, Minimal
Urinary Bladder		Dilatation	Moderate
Note: [DILATATION] TGLs = 2-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Heart		Inflammation	Suppurative, Minimal
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 714
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Bone Marrow		Hyperplasia	Mild
Eye	Lens	Degeneration	Moderate
	Cornea	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 1-10			
Note: [DEGEN] TGLs = 1-10			
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 2-9+10			
Kidney	Papilla	Necrosis	Moderate
		Nephropathy	Mild
Note: [NECROSIS] TGLs = 3-5			
Prostate		Inflammation	Suppurative, Mild
Note: PROSTATE - NO LESION IN PROSTATE TO ACCOUNT FOR TGL 4.			
Note: ONE SMALL CYSTIC AREA OF QUESTIONABLE SIGNIFICANCE.			
Seminal Vesicle		Inflammation	Suppurative, Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Mild
Note: [ULCER] TGLs = 5-8			
Thymus		Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 714
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14549

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 609
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mediastinal	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Testes
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
		Mast Cell Tumor Nos	
Brain		Mineralization	Mild
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 3-13			
Intestine Large	Cecum	Inflammation	Minimal
Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	
		Necrosis	Moderate
Note: HEPATOCLR CARC TGLs = 2,1-11+10			
Lymph Node	Mesenteric	Hyperplasia	Mild
	Mandibular	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: LYMPH NODE - TGL 4 SEEMS TO BE SQ LYMPH NODE NOT			
Note: SKELETAL MUSCLE.			
Note: MAST CL TM NOS TGLs = 4-12			
Stomach	Forestomach	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Thymus		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 609
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14550

ORGAN AND ACCOUNTABLE SITE STATUS

Trachea	Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	Mammary Gland

OBSERVATIONS

Lung	Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 1-3		
Nose	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Minimal
Brain		Mineralization	Minimal
Kidney		Cyst	
		Nephropathy	Minimal
Note: [CYST] TGLs = 1-5			
Liver		Basophilic Focus	
Note: [BASOPH FOCUS] TGLs = 4,5-4+10			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: [ALV BRON ADEN] TGLs = 2-3			
Preputial Gland		Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-11			
Stomach	Glandular	Ulcer	Minimal
Tooth		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14552

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 495
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland	Preputial Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Jejunum

OBSERVATIONS

Penis	Inflammation	Suppurative, Mild
Note: [INFLAMMATION] TGLs = 2-10		
Thymus	Necrosis	Moderate
Urinary Bladder	Dilatation	Marked
Note: DILATATION TGLs = 1-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Minimal
Nose		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Brain	Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Kidney		Cyst	
Lymph Node	Mesenteric	Congestion	Mild
	Mandibular	Hyperplasia	Mild
	Mediastinal	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Note: [CONGESTION] TGLs = 2-6			
Nose		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 572
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Mandibular	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Heart		Cardiomyopathy	Minimal
Liver		Hepatocholangiocarcinoma	
		Inflammation	Chronic, Mild
		Necrosis	Mild
		Sarcoma	Metastatic (Skin)
Note: [HEPATOCHOLCARC] TGLs = 3-10			
Lung		Alveolar/Bronchiolar Adenoma	
	Mediastinum	Hepatocholangiocarcinoma	Metastatic (Liver)
		Hepatocholangiocarcinoma	Metastatic (Liver)
		Sarcoma	Metastatic (Skin)
Note: [HEPATOCHOLCARC] TGLs = 9-3+12			
Note: [HEPATOCHOLCARC] TGLs = 4-3			
Lymph Node	Mesenteric	Angiectasis	Marked
	Bronchial	Hepatocholangiocarcinoma	Metastatic (Liver)
	Mediastinal	Hepatocholangiocarcinoma	Metastatic (Liver)
	Mesenteric	Hyperplasia	Moderate
Note: [HEPATOCHOLCARC] TGLs = 5-2			
Note: [HEPATOCHOLCARC] TGLs = 6-3			
Note: HYPERPLASIA TGLs = 7-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 572
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14557

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Sarcoma	Metastatic (Skin)
Note: SARCOMA TGLs = 8-13+7			
Pancreas	Acinus	Sarcoma	Metastatic (Skin)
Salivary Glands		Inflammation	Minimal
Skin	Subcut Tiss	Sarcoma	
Note: MAST CELL TUMOR.			
Note: LESION INVADED OR METASTISIZED FROM SUBCUTIS. NOT A			
Note: LEIOMYOSARCOMA BUT REST IS VERY ANAPLASTIC. ASSUMED			
Note: SKIN - ANAPLASTIC SARCOMA PART OF ABDOMINAL MASS LOOKS LIKE			
Note: SARCOMA TGLs = 1-14			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Sarcoma	Metastatic (Skin)
Note: SARCOMA LESION.			
Note: FORESTOMACH - HYPERPLASIA IS OVER THE METASTATIC			
Thymus		Necrosis	Mild
Note: OR MEDIASTINUM RATHER THAN IN THYMUS.			
Note: THYMUS - TGL 5 APPEARS TO BE IN MEDIASTINAL LYMPH NODE			
Thyroid Gland		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: A MAST CELL TUMOR.
Animal Note: A PAS STAIN WAS USED ON THE LUNG AND MEDIASTINAL
Animal Note: LYMPH NODE AND WAS POSITIVE FOR STAINING GOBLET-LIKE
Animal Note: NEGATIVE TO STAINING WITH T-BLUE THEREFORE IT IS NOT
Animal Note: CELLS. THE SKIN MASS AND MESENTERY METASTASIS WAS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Heart		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 543
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
Heart		Cardiomyopathy	Moderate
	Atrium	Thrombosis	Marked
Note: (MANY INFLAMMATORY CELLS).			
Note: THROMBUS TGLs = 2-4			
Note: [CARDIOMYOPATHY] TGLs = 1-4			
Lung		Inflammation	Chronic, Diffuse, Moderate
Lymph Node	Mediastinal	Hyperplasia	Mild
Thymus		Necrosis	Moderate
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 379
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	

Note: HEPATOCLR ADEN TGLs = 1,3-10
Note: HAD UNDERGONE TORSION.
Note: LESION HAD MUCH RBC PRESENCE AND SOME NECROSIS AS IF IT

Trachea		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 1-3			
Lymph Node		Hemangioma	
Note: LYMPH NODE - TGL 2 IS IN SQ LYMPH NODE NOT			
Note: [HEMANGIOMA] TGLs = 2-2			
Note: MAMMARY OR "SKIN".			
Nose		Inflammation	Suppurative, Minimal
Thyroid Gland		Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1-4			
Trachea		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Lymph Node	Mandibular	Hyperplasia	Minimal
Nose		Inflammation	Suppurative, Minimal
Testes		Degeneration	Minimal
Tooth		Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
Thymus			

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex	Adenoma	
Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Kidney		Nephropathy	Mild
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Moderate
Note: HEPATOCLR NEOPLASMS TGLS 1,2-4+10+11			
Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: LEFT LOBE.			
Note: BLOCK AND HAS NO APICAL MASS LEFT. LUNG MASS IS ON			
Note: LUNG - CONGESTION PROBABLY CAUSED TGL 3 BUT NOT CONSIDERED			
Note: SIGNIFICANT IN AN EARLY DEATH ON CHRONIC STUDY. RECHECKED			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Ulcer	Mild
Testes		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14565

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Bone Marrow		Hyperplasia	Minimal
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1,2-10			
Lymph Node	Mandibular	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Ear	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Epididymis		Inflammation	Chronic, Moderate
Kidney		Cyst	
		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-4			
Lymph Node	Mesenteric	Congestion	Moderate
	Mesenteric	Hyperplasia	Mild
Note: [CONGESTION] TGLs = 5-6			
Mesentery	Fat	Inflammation	Granulomatous, Marked
Note: [INFLAMMATION] TGLs = 3,7-10+11			
Preputial Gland		Inflammation	Suppurative, Mild
Note: [INFLAMMATION] TGLs = 6,9-13			
Skin	Subcut Tiss	Inflammation	Granulomatous, Marked
Note: [INFLAMMATION] TGLs = 2,4,8-12+14+15			
Note: SHOW A STALK ATTACHMENT. DIAGNOSED IT AS A SKIN LESION,			
Note: NOT AN EAR LESION.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14567

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SKIN - RECHECK OF BLOCK 12 INDICATES A RECUT WON'T

Spleen	Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Inflammation	Minimal
Trachea	Inflammation	Suppurative, Minimal
Urinary Bladder	Dilatation	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: AN ACID-FAST STAIN WAS APPLIED TO THE SKIN &
Animal Note: MESENTERIC MASSES & WAS NEGATIVE TO ACID FAST ORGANISMS.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Liver	Hepatocellular Adenoma
Note: HEPATOCLR ADEN TGLs = 1-10	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 540
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Intestine Small	Duodenum	Ulcer	Mild
Kidney		Nephropathy	Moderate
Note: [NEPHROPATHY] TGLs = 4-5			
Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Minimal
Note: HEPATOCLR CARC TGLs = 1,3,8,9-4+10+11			
Lung		Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 5-6			
Prostate		Inflammation	Suppurative, Mild
Seminal Vesicle		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Dilatation	Marked
Note: DILATATION TGLs = 2-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Penis	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Urethra			

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Epididymis	Muscularis	Hyperplasia	Minimal
Larynx		Inflammation	Suppurative, Minimal
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 3-3+10			
Nose		Inflammation	Suppurative, Minimal
Skin	Prepuce	Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 2-11			
Note: SKIN - PREPUTIAL LESION (TGL 2) IS BETTER DEMONSTRATED			
Note: ON SL. 11 THAN 12.			
Spleen		Hematopoietic Cell Proliferation	Minimal
Trachea		Inflammation	Suppurative, Minimal
Urinary Bladder		Dilatation	Minimal
Note: [DILATATION] TGLs = 1-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Mild
		Hepatocellular Adenoma	

Note: HEPATOCLR ADEN TGLs = 1-4

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
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 - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Gallbladder	Lymph Node - Mediastinal	Mammary Gland	Prostate

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain		Mineralization	Minimal
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-4+10			
Nose		Inflammation	Suppurative, Minimal
Tooth		Inflammation	Mild
Urinary Bladder		Dilatation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 476
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Gallbladder

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-10+11			
Thymus		Necrosis	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Skeletal Muscle		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1-10			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Intestine Small	Jejunum, Peyers Patch	Inflammation	Granulomatous, Moderate
Note: [INFLAMMATION] TGLs = 4-6			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-10+11			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON ADEN] TGLs = 2,3-3			
Lymph Node	Mesenteric	Hyperplasia	Minimal
Nose		Inflammation	Suppurative, Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Penis	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain		Mineralization	Minimal
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-10+11			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 4-3			
Note: [HEPATOCLR CARC] TGLs = 5,6,7-3			
Preputial Gland		Inflammation	Suppurative, Minimal
Skin	Subcut Tiss	Inflammation	Pyogranulomat, Moderate
Note: PREPUTIAL GLAND BUT CLOSE TO IT.			
Note: [INFLAMMATION] TGLs = 2-12			
Note: SKIN - TGL 2 IS IN SUBCUT TISSUE. NOT IN THE			
Spleen		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Dilatation	Moderate
Note: [DILATATION] TGLs = 3-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14576

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
	Cortex	Hyperplasia	Mild
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
Note: [CLEAR CL FOCUS] TGLs = 2-11			
Note: [HEPATOCLR ADEN] TGLs = 1-4+10			
Lung		Alveolar/Bronchiolar Adenoma	
Tooth		Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
	Cortex	Hyperplasia	Mild
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Nose		Inflammation	Suppurative, Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Lymph Node	Mesenteric	Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 1-10			
Nose		Inflammation	Suppurative, Minimal
Tooth		Inflammation	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	

Note: HEPATOCLR ADEN & EOSIN FOCUS TGLS 1,2-4+10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: [ALV BRON ADEN] TGLs = 1,2-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 652
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

INSUFFICIENT TISSUE

Lymph Node - Bronchial

OBSERVATIONS

Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-12			
Kidney		Nephropathy	Marked
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR NEOPLASMS TGLS 3,4,5-4+10+11			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Congestion	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: [CONGESTION] TGLs = 2-6			
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Hemangiosarcoma	
		Necrosis	Mild
Note: [HEMANGIOSARC] TGLs = 1,6-4			
Lymph Node	Bronchial	Hematopoietic Cell Proliferation	Mild
	Mediastinal	Hematopoietic Cell Proliferation	Mild
Preputial Gland		Inflammation	Suppurative, Minimal
Note: [INFLAMMATION] TGLs = 4,5-10			
Skin	Subcut Tiss	Edema	Moderate
Note: [EDEMA] TGLs = 3-2			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Harderian Gland			
OBSERVATIONS			
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Intestine Small	Ileum, Peyers Patch	Hyperplasia	Marked
	Jejunum, Peyers Patch	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 1-11			
Note: [HYPERPLASIA] TGLs = 2-10			
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 3-3			
Lymph Node	Mesenteric	Congestion	Moderate
	Mesenteric	Hyperplasia	Moderate
Note: [CONGESTION] TGLs = 4-6			
Thyroid Gland		Cyst	
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Urinary Bladder

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
[Cyst TGLS = 3-7]			
Brain		Mineralization	Minimal
Harderian Gland		Adenocarcinoma	
		Adenoma	
Note: [ADENOCARC] TGLs = 1-10			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
		Alveolar/Bronchiolar Carcinoma	
Note: [ADENOCARC] TGLs = 2-3			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

OBSERVATIONS

Liver	Degeneration	Fatty, Minimal
Note: FATTY METAMORPHESIS IS IN 1 FOCAL SPOT.		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Degeneration	Fatty, Minimal
Lymph Node	Mesenteric	Hyperplasia	Minimal
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Degeneration	Fatty, Minimal
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-4			
Lymph Node	Mesenteric	Hyperplasia	Minimal
Tooth		Inflammation	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Lymph Node - Mediastinal	Mammary Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Intestine Small	Duodenum	Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 4-12			
Kidney	Renal Tubule	Adenoma	
Liver		Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 2-10			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 3-3			
Lymph Node	Mesenteric	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Mammary Gland	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
Harderian Gland		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-10			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hematopoietic Cell Proliferation	Minimal
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Focal Cellular Change	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-12			
Intestine Small	Jejunum	Carcinoma	
Note: [CARCINOMA] TGLs = 6-11			
Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 3-10			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 4-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: [ANGIECTASIS] TGLs = 5-6			
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15262

ORGAN AND ACCOUNTABLE SITE STATUS

	Mineralization	Minimal
Tooth	Inflammation	Minimal
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 636
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large - Rectum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Seminal Vesicle
OBSERVATIONS			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
Note: [HEPATOCLR CARC] TGLs = 3,6-4+11			
Lung			
Note: JUDGED NOT SIGNIFICANT IN AN EARLY DEATH.			
Note: LUNG - TGL 1 IS PROBABLY DUE TO CONGESTION WHICH IS			
Lymph Node	Mesenteric	Angiectasis	Minimal
Skin	Foot	Developmental Malformation	
		Inflammation	Chronic, Mild
Note: [DEVELOP MALFOR] TGLs = 4-10			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
Note: [PIGMENT] TGLs = 2-8			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15264

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-4+10			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
	Cortex	Hypertrophy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASMS TGLS 1,2-10+11			
Note: [BASOPH FOCUS] TGLs = 3-4			
Spleen		Hematopoietic Cell Proliferation	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 587
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large - Colon	Kidney	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Pituitary Gland	Prostate	Salivary Glands
Skin	Testes	Thyroid Gland	

MISSING

Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Medulla	Gallbladder	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Mesenteric	Pancreas	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Liver			
Note: LIVER - SOME AUTOLYSIS, NO OBVIOUS REASON FOR PALOR.			
Lung		Alveolar/Bronchiolar Adenoma	
Nose		Inflammation	Suppurative, Minimal
Seminal Vesicle		Hemangiosarcoma	Metastatic (Spleen)
Note: [HEMANGIOSARC] TGLs = 2-11			
Spleen		Hemangiosarcoma	
Note: VESICULAR AREA.			
Note: SPLEEN - PRESUME SPLEEN IS PRIMARY & METAST TO SEMINAL			
Note: [HEMANGIOSARC] TGLs = 3,4-10			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: STOMACH - MICROABSCESS IN FORESTOMACH LESION.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15268

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: ALV BRON TGLS 1,2-3			
Nose		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Bone Marrow		Hyperplasia	Moderate
Kidney		Nephropathy	Minimal
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-10			
Thymus		Necrosis	Mild
Urinary Bladder		Dilatation	Mild
Note: DILATATION TGLs = 2-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 484
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Small - Ileum	Islets, Pancreatic	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Gallbladder	Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Seminal Vesicle	Urinary Bladder	

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Kidney	Nephropathy	Minimal
Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	

Note: HEPATOCLR ADEN TGLs = 3-4
Note: HEPATOCLR CARC TGLs = 2-10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Hypertrophy	Mild
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Liver		Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-4			
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Necrosis	Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Urinary Bladder	

MISSING

Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Intestine Small	Ileum, Peyers Patch	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 4-6			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Minimal
Note: [ALV BRON ADEN] TGLs = 1-3			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Kidney		Nephropathy	Mild
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASMS TGLS 1,2-4+10			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Moderate
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL	
Harderian Gland	Liver
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15277

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Harderian Gland	Liver		
OBSERVATIONS			
Kidney		Nephropathy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Hypertrophy	Mild
Bone Marrow		Hyperplasia	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Angiectasis	Minimal
Note: [ANGIECTASIS] TGLs = 2-4			
Lymph Node	Bronchial	Hyperplasia	Marked
	Mandibular	Hyperplasia	Mild
	Mediastinal	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 3-3			
Note: [HYPERPLASIA] TGLs = 1-2			
Thymus		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mediastinal
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Mild
Note: [ALV BRON ADEN] TGLs = 1-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Kidney		Nephropathy	Mild
Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-10			
Note: [EOSIN FOCUS] TGLs = 2-11			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-3			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Esophagus	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Kidney		Hydronephrosis	Minimal
Note: [HYDRONEPHROSIS] TGLs = 2-5			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 1-3			
Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Urinary Bladder		

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Gallbladder		Hyperplasia	Minimal
Kidney		Cyst	
		Nephropathy	Minimal
Liver		Angiectasis	Mild
		Eosinophilic Focus	
Note: [ANGIECTASIS] TGLs = 2-10			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Mild
Note: [ALV BRON ADEN] TGLs = 1-3			
Lymph Node	Mesenteric	Congestion	Mild
Note: [CONGESTION] TGLs = 3-6			
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Intermed	Hyperplasia	Marked
Thymus		Necrosis	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-10			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON ADEN] TGLs = 2-3			
Nose		Inflammation	Suppurative, Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
Brain		Mineralization	Minimal
Kidney		Cyst	
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 1,2-10+11			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 4-3			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Larynx
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Urinary Bladder

MISSING

Lymph Node - Mediastinal	Mammary Gland

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Liver		Hepatocellular Carcinoma	
		Necrosis	Minimal
Note: [HEPATOCLR CARC] TGLs = 1-10+11			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: LUNG - THE LARGER LUNG TUMOR IS BORDERLINE MALIGNANT.			
Note: [ALV BRON ADEN] TGLs = 2-3			
Lymph Node	Bronchial	Hyperplasia	Minimal
	Mesenteric	Hyperplasia	Minimal
Pancreas	Acinus	Angiectasis	Mild
Prostate		Inflammation	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Minimal
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15286

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mediastinal	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Cyst	
		Infarct	Minimal
		Nephropathy	Minimal
Note: [CYST] TGLs = 4-5			
Liver		Clear Cell Focus	
		Eosinophilic Focus	
Note: [CLEAR CL FOCUS] TGLs = 3-4			
Note: [EOSIN FOCUS] TGLs = 2-11			
Lymph Node	Mesenteric	Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 5-10			
Seminal Vesicle		Hemangioma	
Note: [HEMANGIOMA] TGLs = 6-12			
Spleen		Hematopoietic Cell Proliferation	Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15287

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15289

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15290

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Brain		Mineralization	Minimal
Kidney		Cyst	
		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASMS TGLS 1-4+10+11			
Note: LIVER - RECHECKED WET TISSUE COULD NOT IDENTIFY			
Note: PORTION MEDIAN LOBE.			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mandibular	Hyperplasia	Minimal
Mesentery	Fat	Inflammation	Chronic, Moderate
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 678
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Blood Vessel		Inflammation	Mild
Bone Marrow		Hyperplasia	Minimal
Gallbladder		Inflammation	Minimal
Heart		Inflammation	Suppurative, Mild
		Necrosis	Mild
Note: HEART - BACTERIAL COLONY GROWING NEAR OR ON AORTIC VALVE.			
Note: BACTERIAL COLONIES IN KIDNEY TOO.			
Kidney		Inflammation	Suppurative, Mild
Liver		Necrosis	Minimal
Pancreas	Acinus	Necrosis	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 2-4			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Thymus	Urinary Bladder	
MISSING			
Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland	
OBSERVATIONS			
Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Brain		Mineralization	Minimal
Heart	Endothelium	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Inflammation	Suppurative, Minimal
Testes		Atrophy	Mild
Thyroid Gland		Cyst	
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mediastinal	Mammary Gland	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Brain		Mineralization	Minimal
Intestine Small	Duodenum	Hemorrhage	Minimal
Note: [HEMORRHAGE] TGLs = 3-6			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Cyst	
Note: [CYST] TGLs = 4-5			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 1-3			
Lymph Node	Mesenteric	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mediastinal	Mammary Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
Brain		Mineralization	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Urethra	Urinary Bladder

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Harderian Gland		Hyperplasia	Minimal
Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 2-12			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 4-3			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Congestion	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: [CONGESTION] TGLs = 5-6			
Pancreas			
Note: PANCREAS - TGL 2 IS LIVER TUMOR CLOSE TO PANCREAS.			
Skin	Subcut Tiss	Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1-10			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal
Urethra			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15297

ORGAN AND ACCOUNTABLE SITE STATUS

Note: URETHRA - TGL 3 IS A SEMINAL PLUG NOT CALCULUS.

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial	Lymph Node - Mediastinal
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Epididymis		Angiectasis	Marked
Note: [ANGIECTASIS] TGLs = 4-7			
Gallbladder		Hyperplasia	Moderate
Kidney		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 2-4			
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mesenteric	Congestion	Moderate
	Mandibular	Hyperplasia	Minimal
	Mesenteric	Hyperplasia	Mild
Note: [CONGESTION] TGLs = 3-6			
Mesentery	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 1-10			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Cyst	
		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal
		Necrosis	Minimal
Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Moderate
Note: [HEMORRHAGE] TGLs = 1-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth		Inflammation	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

OBSERVATIONS

Liver — Hepatocellular Carcinoma

[Hepatocellular Carcinoma TGLS = 1-10+11]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15301

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Marked
Bone Marrow		Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Angiectasis	Minimal
Note: [ANGIECTASIS] TGLs = 2-10			
Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Focal, Mild
Note: [ALV BRON ADEN] TGLs = 1-3			
Thyroid Gland		Cyst	
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15303

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

OBSERVATIONS

Liver	Mixed Cell Focus

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
	Cortex	Hypertrophy	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 2-3			
Lymph Node	Mesenteric	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-4			
Lymph Node	Mesenteric	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Adenoma	
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 2-3			
Mesentery	Fat	Angiectasis	Minimal
Note: [ANGIECTASIS] TGLs = 1-10			
Spleen		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 717
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mediastinal	Pancreas	Pituitary Gland	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Thymus			

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Minimal
Brain		Mineralization	Minimal
Kidney		Hydronephrosis	Mild
	Papilla	Necrosis	Minimal
Note: [HYDRONEPHROSIS] TGLs = 5-5			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Congestion	Marked
Note: [CONGESTION] TGLs = 7-6			
Nose		Inflammation	Suppurative, Minimal
Prostate		Inflammation	Suppurative, Minimal
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-10			
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
Note: [PIGMENT] TGLs = 8-8			
Testes		Atrophy	Mild
		Spermatocele	Mild
Note: [SPERMATOCELE] TGLs = 4-7			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 717
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15307

ORGAN AND ACCOUNTABLE SITE STATUS

Urethra	Inflammation	Suppurative, Moderate
	Necrosis	Moderate
Note: [INFLAMMATION] TGLs = 3-12		
Note: URETHRA - CALCULUS APPEARS TO BE SEMINAL PLUG.		
Urinary Bladder	Dilatation	Moderate
	Necrosis	Minimal
Note: [DILATATION] TGLs = 2-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15308

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

OBSERVATIONS

Heart		Inflammation	Suppurative, Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-4			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mediastinal	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Hypertrophy	Mild
Brain		Mineralization	Minimal
Epididymis		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Minimal
Lung	Perivascular	Inflammation	Chronic, Marked
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hematopoietic Cell Proliferation	Minimal
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL	
Harderian Gland	Liver
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 467
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose
Pancreas	Pituitary Gland	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

MISSING

Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Kidney	Papilla	Necrosis	Minimal
Note: NECROSIS TGLs = 5-5			
Penis		Inflammation	Suppurative, Minimal
Preputial Gland		Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 4-10+11			
Prostate		Inflammation	Suppurative, Mild
Seminal Vesicle		Inflammation	Suppurative, Mild
Note: SEMINAL VES.- INFLAMM. HAS SOME GRANULATION AND			
Note: INFLAMMATION TGLs = 2-8			
Note: HEMOSIDERIN.			
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-11			
Note: SKIN- MAIN LESION RESPONSIBLE FOR TGL 1 & 4 IS PREPUCE			
Note: LESION NOT PENIS. SLIDE 10 IS DILATATED URETHRA			
Note: RELATED TO PREPUTIAL LESION.			
Note: BOUNDED BY INFLAMMED PREPUTIAL GLAND AND HEMORRHAGE ALL			
Thymus		Necrosis	Moderate
Urinary Bladder		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 467
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15313

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Mild
Note: DILATATION TGLs = 3-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15314

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15315

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

Tooth

OBSERVATIONS

Lung	Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mediastinal	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Urinary Bladder

MISSING

Esophagus	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
[Adenoma TGLS = 1-7]			
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Lymph Node	Mandibular	Hyperplasia	Minimal
	Mesenteric	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: MAST CELLS.			
Note: A T-BLUE STAIN ON THE SPLEEN WAS NEGATIVE FOR			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
	Medulla	Pheochromocytoma Benign	
Intestine Small	Jejunum, Peyers Patch	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 1-10			
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 2-3			
Lymph Node	Mediastinal	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 601
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Small - Ileum	Islets, Pancreatic
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Lymph Node - Mediastinal	Mammary Gland		
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Stomach - Glandular		
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Minimal
Note: HEPATOCLR CARC TGLs = 1,2-4+10			
Lymph Node	Mesenteric	Congestion	Moderate
Note: CONGESTION TGLs = 3-6			
Tooth		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Heart	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic, Minimal
Note: [HEMANGIOSARC] TGLs = 2-12			
Note: HEPATOCLR ADEN & CARC TGL-1,5-4+10+11			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hemorrhage	Moderate
Note: [HEMORRHAGE] TGLs = 3-6			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
Note: [HEMA CELL PROL] TGLs = 4-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mediastinal
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 2-11			
Kidney		Cyst	
		Nephropathy	Minimal
Liver		Basophilic Focus	
Lymph Node	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 3-6			
Mesentery	Fat	Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 1-10			
Thyroid Gland	Follicular Cel	Adenoma	
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
Brain		Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-4			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 2-3			
Pituitary Gland	Pars Distalis	Cyst	
Skin	Subcut Tiss	Angiectasis	Marked
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 397
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large - Rectum	Islets, Pancreatic	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Penis
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

MISSING

Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 5-10			
Lung			
Note: LUNG IS CONGESTED, BUT NOT CONSIDERED A SIGNIFICANT			
Note: DIAGNOSABLE LESION IN A SPONTANEOUS DEATH ANIMAL OF A			
Note: CHRONIC STUDY.			
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: SKIN LESION.			
Note: INFLAMMATION TGLs = 1-12			
Note: TGL 1 IS PREPUCE LESION, NOT PENIS THEREFORE RECORDED AS			
Thymus		Necrosis	Moderate
Urinary Bladder		Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 397
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15112

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Mild

Note: DUE TO OBSTRUCTION CAUSED BY PREPUTIAL LESION.
Note: DILATATION TGLs = 3-11
Note: PMN'S IN WALL OF BLADDER (EPITHELIUM). DILATATION PROBABLY

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Esophagus	Mammary Gland	Prostate	
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Degeneration	Fatty, Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 403	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Liver	Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hemorrhage	Minimal
Note: [ALV BRON CARC] TGLs = 1-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
Mesentery	Fat	Angiectasis	Mild
	Fat	Inflammation	Chronic, Minimal
Note: [ANGIECTASIS] TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 632
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Brain		Mineralization	Minimal
Kidney		Hydronephrosis	Moderate
Note: [HYDRONEPHROSIS] TGLs = 3-5			
Liver		Hepatocellular Carcinoma	Multiple
Note: [HEPATOCLR CARC] TGLs = 1,2-4+10+12			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 4-11			
Testes		Atrophy	Minimal
		Mineralization	Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 540
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Mammary Gland	Prostate

INSUFFICIENT TISSUE

Intestine Small - Duodenum	Lymph Node - Mediastinal

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Centrilobular	Degeneration	Fatty, Mild
		Hepatocellular Adenoma	Multiple
		Necrosis	Minimal
Note: [HEPATOCLR ADEN] TGLs = 1,2-10+11			
Stomach	Glandular	Inflammation	Suppurative, Mild
	Glandular	Pigmentation	Hemosiderin, Minimal
Note: PIGMENT TGLs = 3-8			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 406	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 1-3			
Pituitary Gland	Pars Distalis	Cyst	
Stomach	Forestomach	Cyst Epithelial Inclusion	Mild
Tooth		Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 517
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Ileum	Intestine Small - Jejunum

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Liver		Hepatocellular Carcinoma	Multiple
		Lymphoma Malignant Lymphocytic	
		Necrosis	Minimal
Note: HEPATOCLR CARC TGLs = 5,6-11+12			
Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant Lymphocytic	
Note: ALV BRON ADEN TGLs = 7-3			
Note: LYMPH MAL LYMP TGLs = 4-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-10			
Note: LYMPH MAL LYMP TGLs = 3-3			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 517
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15118

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 604
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Harderian Gland	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Penis

AUTO PRECLUDES DIAG.

Adrenal Gland - Medulla	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Brain		Mineralization	Minimal
Heart		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-4			
Liver		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Histiocytic Sarcoma	
Note: ALV BRON ADEN TGLs = 11-3			
Note: IT IS AT LEAST AN AB ADENOMA.			
Note: LUNG- MASS IS PRESENT. AUTOLYSIS PREVENTS CHARACTERIZATION			
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
Preputial Gland	Duct	Dilatation	Marked
Note: DILATATION TGLs = 2-12			
Prostate		Inflammation	Suppurative, Minimal
Skin	Prepuce	Inflammation	Suppurative, Moderate
Note: SKIN- INFLAMMATION AND ULCERATION OF PREPUCE (SKIN) NOT			
Note: INFLAMMATION TGLs = 1-12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 604
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15119

ORGAN AND ACCOUNTABLE SITE STATUS

Note: OF PENIS.		
Spleen	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 3-4		
Thymus	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-10		
Urinary Bladder	Dilatation	Mild
Note: DILATATION TGLs = 8-11		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus

OBSERVATIONS

Liver		Hepatocellular Adenoma	Multiple
		Infarct	Moderate
Note: [HEPATOCLR ADEN] TGLs = 2,3,4-4+11			
Note: [INFARCT] TGLs = 2-11			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 1-10			
Lymph Node	Mesenteric	Congestion	Moderate
	Bronchial	Hyperplasia	Mild
	Mediastinal	Hyperplasia	Moderate
Note: [CONGESTION] TGLs = 5-6			
Nose		Inflammation	Suppurative, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal
Urin Bladder			
Note: URINARY BLADDER - RED BLOOD CELLS ARE ON THE SEROSA			
Note: AND APPEARS TO BE ARTIFACTUAL.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 410	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Mesenteric	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Eye			
Note: WERE NEGATIVE IN THEIR ABILITY TO HELP DEFINE THE EYE MASS.			
Note: SPECIAL STAINS TO EYE MASS (PAS, PTAH, AND FONTANA MASON)			
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 7,8-4+10			
Lung	Mediastinum	Sarcoma	Metastatic (Skin)
		Sarcoma	Metastatic (Skin)
Note: [SARCOMA] TGLs = 4-3			
Lymph Node	Bronchial	Hematopoietic Cell Proliferation	Marked
	Mediastinal	Hematopoietic Cell Proliferation	Moderate
	Mandibular	Sarcoma	Metastatic (Skin)
Note: [HEMA CELL PROL] TGLs = 2-2			
Note: [HEMA CELL PROL] TGLs = 3-3			
Note: [SARCOMA] TGLs = 1-7			
Mesentery	Fat	Hemorrhage	Minimal
Note: [HEMORRHAGE] TGLs = 6-12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 410	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15121

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Pancreas	Acinus	Focal Cellular Change	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Skin	Head, Subcut Tiss	Sarcoma	
Note: [SARCOMA] TGLs = 5-9+11			
Note: FEMALES. THIS IS BIZARRE, PLEOMORPHIC, LARGE GRANULAR			
Note: CELLS AND MANY GIANT NUCLEI. TGL 5 CALLED SKIN SQ,			
Note: NOT EYE. POSSIBLY MALIGNANT FIBROUS HISTIOCYTOMA?			
Note: SKIN - TUMOR IS NOT LIKE THOSE SQ SKIN SARCOMAS IN			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Infiltration Cellular	Mixed Cell, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Seminal Vesicle	Skin
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Epididymis		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-3			
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-6			
Note: LYMPH MAL LYMP TGLs = 8-7			
Note: [LYMPH MAL LYMP] TGLs = 7-11			
Note: LYMPH MAL LYMP TGLs = 6-3			
Nose		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Focal Cellular Change	Minimal
	Acinus	Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15122

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Mild
Note: [HYPERPLASIA] TGLs = 9-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1,2-2+10			
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 412	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 585
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Lymph Node - Mediastinal	Mammary Gland		
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Small - Duodenum		

OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Epididymis		Inflammation	Chronic, Minimal
Harderian Gland		Adenoma	
Liver		Necrosis	Mild
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 4-10+11			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 1-4			
Testes		Spermatocele	Moderate
Note: SPERMATOCELE TGLs = 5-7			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 413	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver	Biliar Tract	Cyst	
Note: [CYST] TGLs = 3-4			
Lymph Node	Mesenteric	Hyperplasia	Mild
Mesentery	Fat	Angiectasis	Minimal
	Fat	Inflammation	Chronic, Mild
Note: [ANGIECTASIS] TGLs = 1-10			
Spleen		Hyperplasia	Histiocytic, Marked
Note: [HYPERPLASIA] TGLs = 2-4			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 414	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 618
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mediastinal	Mammary Gland	Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 1-11			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-5			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 4-3			
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 2-10			
Skin	Subcut Tiss	Inflammation	Pyogranulomat, Minimal
Tooth		Inflammation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 415	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-4			
Lymph Node	Mesenteric	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 416	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Harderian Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-12			
Heart		Cardiomyopathy	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Inflammation	Granulomatous, Focal, Mild
Note: [EOSIN FOCUS] TGLs = 4-4+11			
Note: [HEPATOCLR CARC] TGLs = 5,6-10			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 3-3			
Note: [ADENOCARC] TGLs = 3-3			
Lymph Node	Mesenteric	Angiectasis	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Bronchial	Hyperplasia	Mild
	Mandibular	Hyperplasia	Mild
Note: [ANGIECTASIS] TGLs = 7-6			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 416	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15127

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 2-7

Nose	Inflammation	Suppurative, Minimal
Spleen	Hematopoietic Cell Proliferation	Minimal
Tooth	Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 417	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 610
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mesenteric	Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-10			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON ADEN TGLs = 1-3			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Note: STOMACH- FOCAL DILATATION OF VESSELS IMMEDIATELY UNDER			
Note: THE EPITHELIUM OF THE FORESTOMACH.			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 418	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15129

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Harderian Gland	Heart	Liver	Stomach - Forestomach
Stomach - Glandular			
OBSERVATIONS			
Kidney		Nephropathy	Minimal
Lung	Pleura	Inflammation	Chronic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Heart	Lung	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Harderian Gland		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Centrilobular	Degeneration	Fatty, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 421	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Urinary Bladder			

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
	Cortex	Focal Cellular Change	Minimal
Heart		Cardiomyopathy	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 4-3			
Note: [ALV BRON CARC] TGLs = 3-3			
Lymph Node	Mesenteric	Angiectasis	Mild
Mesentery	Fat	Angiectasis	Mild
	Fat	Inflammation	Chronic, Minimal
Note: [ANGIECTASIS] TGLs = 2-10			
Nose		Inflammation	Suppurative, Mild
Penis		Hyperplasia	Moderate
		Inflammation	Suppurative, Mild
Note: [INFLAMMATION] TGLs = 1-11			
Note: [HYPERPLASIA] TGLs = 1-11			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 421	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15132

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Kidney		Cyst	
		Nephropathy	Minimal
Note: [CYST] TGLs = 2-5			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 1-10			
Mesentery	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 3-11			
Nose		Inflammation	Suppurative, Minimal
Thymus		Necrosis	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 423	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Harderian Gland	Heart	Lung	Skin
Stomach - Forestomach	Stomach - Glandular		
OBSERVATIONS			
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15135

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 425	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Harderian Gland	Heart	Lung	Stomach - Forestomach
Stomach - Glandular			
OBSERVATIONS			
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal
Spleen		Pigmentation	Melanin, Mild
Note: PIGMENT TGLs = 1-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 426	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Intestine Large - Cecum	Lymph Node - Mesenteric	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-12			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 2-11			
Note: [HEPATOCLR ADEN] TGLs = 3-10			
Prostate		Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 427	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Harderian Gland	Heart	Lung	Stomach - Forestomach
Stomach - Glandular			
MISSING			
Liver			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 428	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 658
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Penis

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Moderate
Kidney		Inflammation	Suppurative, Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infarct	Marked
Note: [HEPATOCLR ADEN] TGLs = 4-4			
Note: AND INFARCTED. IS NOT PANCREAS.			
Note: LIVER - TGL 5 IS LIVER THAT MAY HAVE UNDERGONE TORSION			
Note: [INFARCT] TGLs = 5-11			
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Penis			
Note: PENIS - GROSS DESCRIPTION REFERED TO PREPUTIAL LESION			
Note: NOT PENIS.			
Prostate		Inflammation	Suppurative, Moderate
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: SKIN - INFLAMMATION IS CHRONIC & SEVERE. A SEMINAL PLUG			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 428	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 658
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15139

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [INFLAMMATION] TGLs = 1-12		
Note: IS PRESENT AND FULL OF BACTERIA.		
Thymus	Necrosis	Minimal
Urethra	Inflammation	Suppurative, Mild
Urinary Bladder	Dilatation	Moderate
Note: [DILATATION] TGLs = 2-10		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 429	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 686
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 2-4			
Lung		Adenocarcinoma	Multiple
Note: [ADENOCARC] TGLs = 1,3-3			
Lymph Node	Bronchial	Adenocarcinoma	Metastatic (Lung)
	Mediastinal	Hyperplasia	Mild
Skin	Subcut Tiss	Angiectasis	Mild
	Subcut Tiss	Mast Cell Tumor Nos	
Note: DERMIS.			
Note: T-BLUE STAIN WAS POSITIVE FOR MAST CELLS.			
Note: SKIN - MAST CELL TUMOR IS ACTUALLY IN SUPERFICIAL			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 430	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15141

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

Tooth

OBSERVATIONS

Lung	Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 431	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland	Pituitary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 4-9			
Intestine Small	Jejunum	Carcinoma	
Note: [CARCINOMA] TGLs = 3-6			
Note: SMALL INTESTINE - THE CARCINOMA IS LOW GRADE BUT			
Note: INVOLVING MUSCULARIS.			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: DIAGNOSIS ISN'T CONSIDERED RELEVANT IN AN EARLY DEATH			
Note: ANIMAL FROM A CHRONIC STUDY.			
Note: LUNG - TGL 2 IS PROBABLY DUE TO THE CONGESTION. THAT			
Note: [ALV BRON CARC] TGLs = 1-3			
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Minimal
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 431	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15142

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 432	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 687
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone		Fracture	
Note: [FRACTURE] TGLs = 4-10			
Harderian Gland		Inflammation	Suppurative, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Inflammation	Suppurative, Mild
Lung		Adenocarcinoma	
		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON ADEN] TGLs = 1-3			
Note: [INFILTRAT CELL] TGLs = 1-3			
Note: [ADENOCARC] TGLs = 2-3			
Note: GOBLET-LIKE CELLS.			
Note: DIAGNOSIS OF A LUNG ADENOCARCINOMA THAT CONTAINS			
Note: PAS STAIN ON LUNG SECTION IS POSITIVE IN AIDING THE			
Note: LUNG - TGL 1 APPEARS TO BE A HEAVY FOCAL INFILTRATE			
Note: OF HISTIOCYTES, HOWEVER ON PAS RECUT THERE IS AN A/B			
Note: ADENOMA AS WELL.			
Lymph Node	Mesenteric	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 432	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 687
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15143

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Minimal
Skin	Subcut Tiss	Angiectasis	Marked
Note: SKIN - TGL 3 IS NOT A LYMPH NODE BUT RATHER THE FOCAL			
Note: SQ ANGIECTASIS.			
Note: [ANGIECTASIS] TGLs = 3-2			
Spleen		Hematopoietic Cell Proliferation	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Lymph Node - Bronchial	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 434	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Thymus

OBSERVATIONS

Brain		Histiocytic Sarcoma	
Kidney		Histiocytic Sarcoma	
		Nephropathy	Mild
Liver		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
		Infarct	Marked
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 3-4			
Note: [HEPATOCLR ADEN] TGLs = 2-10			
Lung		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 435	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Testes
Thyroid Gland	Urinary Bladder		
MISSING			
Lymph Node - Mandibular	Mammary Gland		
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Harderian Gland		Hyperplasia	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic, Diffuse, Moderate
Note: [ALV BRON CARC] TGLs = 2-3			
Lymph Node	Bronchial	Hyperplasia	Mild
	Mediastinal	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Cyst	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular	Inflammation	Suppurative, Minimal
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 289
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Lymph Node	Bronchial	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Note: PREDOMINANT FEATURES OF HYPERPLASIA AS WELL.			
Note: LYMPHNODES HAVE SOME LYMPHOID NECROSIS BUT MORE			
Spleen		Necrosis	Minimal
Note: SPLEEN HAS LYMPHOID NECROSIS.			
Thymus		Necrosis	Mild
Note: THYMUS HAS LYMPHOID NECROSIS.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Harderian Gland	Heart	Lung	Stomach - Forestomach
Stomach - Glandular	Testes		
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15149

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

Tooth

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Brain		Mineralization	Minimal
Intestine Small	Jejunum	Cyst	
	Epithelium	Hyperplasia	Marked
Note: THE CYST LINING CELLS ATYPICAL.			
Note: CELLS BUT MUSCLE WALL INVASION IS NOT EVIDENT NOR ARE			
Note: SMALL INTESTINE - CYST IS LINED BY CUBOIDAL TO COLUMNAR			
Note: [CYST] TGLs = 1-6			
Kidney		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 2-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 440	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 573
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Testes	Thyroid Gland	Urinary Bladder

MISSING

Gallbladder	Mammary Gland	Skeletal Muscle	Thymus

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 2-5			
Liver		Hepatocellular Carcinoma	
		Necrosis	Minimal
Note: HEPATOCLR CARC TGLs = 1-10			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Congestion	Marked
Pancreas	Acinus	Focal Cellular Change	Minimal
Stomach	Glandular	Mineralization	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 441	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Liver		Hepatocellular Carcinoma	
		Infarct	Marked
Note: [HEPATOCLR CARC] TGLs = 2-10+11			
Note: [INFARCT] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 4-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
Mesentery	Fat	Angiectasis	Mild
	Fat	Inflammation	Chronic, Mild
	Fat	Necrosis	Mild
Note: [ANGIECTASIS] TGLs = 1-12			
Nose		Inflammation	Suppurative, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 442	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 586
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large - Colon	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Testes	Thyroid Gland	Trachea

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

INSUFFICIENT TISSUE

Adrenal Gland - Medulla	Parathyroid Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 5-4			
Kidney		Infarct	Mild
		Inflammation	Suppurative, Mild
Note: INFARCT TGLs = 4-5			
Larynx		Inflammation	Suppurative, Mild
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASMS TGLS 2,3-4+10			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Mild
Prostate		Inflammation	Suppurative, Moderate
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: PIGMENT TGLs = 6-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 442	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 586
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15153

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Necrosis	Mild
Urinary Bladder		Dilatation	Moderate
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Moderate
Note: DILATATION TGLs = 1-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 443	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Bone			
Note: POSSIBLY EMBEDDED WRONG & CUT THROUGH. WAS PROBABLY A			
Note: PIECE OF THE LARGE LUNG TUMOR. MELTED BLOCK AND SAW			
Note: NO MASS.			
Note: BONE - MASS ON STERNUM (TGL 3) NOT SEEN ON SLIDE.			
Epididymis		Hypospermia	Marked
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
Note: ALV BRON CARC TGLs = 1-3			
Lymph Node	Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Mediastinal	Hyperplasia	Mild
Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Minimal
Testes		Atrophy	Moderate
Note: TESTIS - ATROPHY AND HYPOSPERMIA ARE APPARENTLY UNILATERAL.			
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 443	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15154

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 444	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Harderian Gland	Heart	Lung	Stomach - Forestomach
Stomach - Glandular			
OBSERVATIONS			
Liver	Centrilobular	Degeneration	Fatty, Mild
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 1-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 445	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Urinary Bladder	

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	
Note: [CLEAR CL FOCUS] TGLs = 2,3-4+10			
Nose		Inflammation	Suppurative, Minimal
Preputial Gland	Duct	Dilatation	Moderate
Note: [DILATATION] TGLs = 1-11			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 446	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 3-1			
Heart		Hemangiosarcoma	
Kidney		Hemangiosarcoma	Metastatic (Heart)
Note: KIDNEY - NO LESION SEEN THAT WAS CLEARLY A CYST (TGL 4)			
Liver		Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-4			
Note: [DEGEN] TGLs = 2-4			
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Hemangiosarcoma	Metastatic (Heart)
Prostate		Hyperplasia	Minimal
Note: PROSTATE - FOCUS OF HYPERPLASIA IN COAGULATING PORTION.			
Thymus		Necrosis	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 447	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Harderian Gland		Hyperplasia	Mild
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: [EOSIN FOCUS] TGLs = 5-4			
Note: HEPATOCLR NEOPLASMS TGLS 1,2,3-10+11+12			
Lymph Node	Mesenteric	Congestion	Moderate
Note: [CONGESTION] TGLs = 4-6			
Nose		Inflammation	Suppurative, Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 448	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15159

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Bronchial	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Hyperplasia	Minimal
Nose		Inflammation	Suppurative, Minimal
Spleen		Hemangiosarcoma	
Note: SPLEEN - HEMANGIOSARCOMA IS SOLITARY.			
Note: [HEMANGIOSARC] TGLs = 1-4			
Tooth		Inflammation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 450	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large - Rectum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Mandibular	Lymph Node - Mediastinal
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Lymph Node - Bronchial	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 4-10			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Congestion	Marked
Note: [CONGESTION] TGLs = 6-6			
Nose		Inflammation	Suppurative, Minimal
Penis		Inflammation	Suppurative, Moderate
Note: SOME PMN'S (TGL 3)			
Note: PENIS - CORPUS CAVERNOSUM FILLED WITH BLOOD AND			
Note: [INFLAMMATION] TGLs = 3-11+12			
Preputial Gland		Inflammation	Suppurative, Mild
Skin	Prepuce	Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 1-12			
Thymus		Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 450	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15161

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder	Dilatation	Moderate
Note: [DILATATION] TGLs = 2-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15162

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

Tooth

OBSERVATIONS

Lung	Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 452	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Harderian Gland	Heart	Lung	Stomach - Forestomach
Stomach - Glandular			
OBSERVATIONS			
Liver	Centrilobular	Degeneration	Fatty, Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 453	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15164

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 454	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15165

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 455	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
Bone		Osteopetrosis	Moderate
Note: [OSTEOPETROSIS] TGLs = 1-10			
Note: BONE - IS MARKED THICKENING OF MATURE BONE.			
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal
Lymph Node	Mesenteric	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 456	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Kidney	Nephropathy	Minimal
Liver	Degeneration	Fatty, Minimal
	Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 1,2-4+10		
Nose	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 457	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Seminal Vesicle

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Mild
Liver		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HEPATOCLR CARC] TGLs = 6-4			
Note: [HISTIO SARC] TGLs = 5-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
		Histiocytic Sarcoma	
Note: [HEMORRHAGE] TGLs = 2-3			
Note: [HISTIO SARC] TGLs = 3-3			
Lymph Node	Mandibular	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 8-10			
Skin	Subcut Tiss	Edema	Mild
	Subcut Tiss	Hemorrhage	Moderate
Note: [HEMORRHAGE] TGLs = 7-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 457	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15168

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [EDEMA] TGLs = 1-2+12			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
Note: [PIGMENT] TGLs = 9-8			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 458	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15169

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 459	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mesenteric	Mammary Gland

OBSERVATIONS

Brain	Mineralization	Minimal
Harderian Gland	Adenoma	
Kidney	Nephropathy	Mild
Liver	Hepatocellular Carcinoma	Multiple
	Infarct	Marked
Note: [HEPATOCLR CARC] TGLs = 2,3,4,6-4+10+11+13+14		
Note: [INFARCT] TGLs = 5-12		
Spleen	Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 1-4		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 460	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Urinary Bladder

MISSING

Esophagus	Lymph Node - Mandibular

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Epididymis		Inflammation	Chronic, Moderate
Intestine Small	Duodenum	Inflammation	Chronic, Minimal
	Jejunum	Inflammation	Chronic, Minimal
	Duodenum	Pigmentation	Hemosiderin, Mild
	Jejunum	Pigmentation	Hemosiderin, Mild
Note: [PIGMENT] TGLs = 3-6			
Note: [PIGMENT] TGLs = 2-6			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-4			
Lung		Alveolar/Bronchiolar Carcinoma	
Lymph Node	Mesenteric	Inflammation	Mild
Nose		Inflammation	Suppurative, Minimal
Testes		Atrophy	Minimal
		Mineralization	Minimal
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 460	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15171

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 461	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mediastinal	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland	Thymus

INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 8-9			
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 6-13			
Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR NEOPLASM TGLS 2,3,4,5-4+10+11+12+14			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 7-6			
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 1-4			
Tooth		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 461	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15172

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 462	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 531
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

MISSING

Lymph Node - Bronchial	Mammary Gland	Penis	Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Harderian Gland		Hyperplasia	Moderate
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 4,7-4			
Lung		Histiocytic Sarcoma	
Lymph Node	Iliac	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-6			
Note: [HISTIO SARC] TGLs = 6-11			
Pituitary Gland	Pars Distalis	Cyst	
Prostate		Inflammation	Suppurative, Minimal
Skin	Prepuce	Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 1-11			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2,3-4+10			
Urinary Bladder		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 462	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 531
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15173

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 463	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15174

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

Tooth

OBSERVATIONS

Liver	Hepatocellular Adenoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 464	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 532
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pituitary Gland	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

MISSING

Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland	Penis

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Heart		Inflammation	Suppurative, Mild
Kidney		Inflammation	Suppurative, Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 5-4			
Lymph Node	Iliac	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4-10			
Pancreas	Acinus	Focal Cellular Change	Minimal
Prostate		Inflammation	Suppurative, Mild
Skin	Prepuce	Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 1-10			
Note: SKIN - PREPUTIAL LESION IS ALSO CHRONIC AND PROBABLY IS			
Note: TGL 1 INSTEAD OF PENIS.			
Thymus		Necrosis	Mild
Urinary Bladder		Dilatation	Moderate
Note: DILATATION TGLs = 2-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 465	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Harderian Gland	Heart	Lung	Stomach - Forestomach
Stomach - Glandular			
OBSERVATIONS			
Liver	Centrilobular	Degeneration	Fatty, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 466	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 536
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Kidney	Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Lymph Node - Bronchial	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Seminal Vesicle		

OBSERVATIONS

Harderian Gland		Adenoma	
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 4,5-10+11			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: LUNG - CONGESTION IS PROBABLY RESPONSIBLE FOR TGL 1 BUT			
Note: NOT CONSIDERED IMPORTANT IN AN EARLY DEATH.			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 7-12			
Penis		Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 2-12			
Skin	Prepuce	Inflammation	Suppurative, Moderate
Tissue NOS			
Note: BACTERIAL COLONIES IN SEVERAL ORGANS APPEARS TO BE AN			
Note: AGONAL OR POST MORTEM EVENT.			
Urinary Bladder		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 466	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 536
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15177

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Mild
Note: DILATATION TGLs = 3-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 467	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Heart	Lung	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Harderian Gland		Adenoma	
Liver		Basophilic Focus	
	Centrilobular	Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Heart		Hepatocellular Carcinoma	Metastatic (Liver)
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Minimal
Note: [HEPATOCLR CARC] TGLs = 1,2,3-4+10+11+12+14			
Note: LIVER - SLIDE 11 IS ANOTHER PIECE OF LIVER TUMOR NOT LUNG.			
Note: TGL 4 DOES CORRELATE WITH SOME HEMORRHAGE IN LEFT LUNG LOBE			
Note: ON SLIDE 3.			
Lung		Hemorrhage	Minimal
		Hepatocellular Carcinoma	Metastatic (Liver)
Note: [HEMORRHAGE] TGLs = 4-3			
Mesentery	Fat	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 5-13			
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes		Atrophy	Mild
Thymus		Necrosis	Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15179

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 469	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thyroid Gland
Urinary Bladder			

MISSING

Adrenal Gland - Medulla	Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR NEOPLASM TGLS 1,3,4,5-4+10+11			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Hemorrhage	Moderate
Note: [HEMORRHAGE] TGLs = 6-6			
Preputial Gland		Degeneration	Cystic, Mild
Note: [DEGEN] TGLs = 2-12			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Ulcer	Minimal
Thymus		Necrosis	Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 470	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node - Mediastinal	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 1,2-10+11+12			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hyperplasia	Minimal
Pancreas	Acinus	Focal Cellular Change	Minimal
Thymus		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Cyst	
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 601	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Islets, Pancreatic	Pancreas	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	
MISSING			
Eye			
OBSERVATIONS			
Harderian Gland		Adenoma	
Note: TGL 1 IS NOT EYE MASS BUT RATHER HARDERIAN GLAND.			
Note: ADENOMA TGLs = 1-10			
Heart		Necrosis	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-4			
Lung	Alveolar Epith	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 602	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
		Hyperplasia	Minimal
Note: FOR SURE.			
Note: [ADENOMA] TGLs = 1-9+10			
Note: HARDERIAN GLAND - IS PROBABLY BILATERAL BUT CAN'T TELL			
Note: FOR SURE. SLIDE 9 HAS SECTION OF TUMOR ON ONE SIDE AND			
Note: PORTION OF NORMAL ON THE OTHER. TUMOR PROBABLY CAME			
Note: FROM THE SIDE WITH SMALL PIECE OF NORMAL BUT CAN'T TELL			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 2-11			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 3,4-3			
Lymph Node	Mesenteric	Hyperplasia	Minimal
Pancreas	Acinus	Focal Cellular Change	Minimal
Skin	Subcut Tiss	Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 602	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14973

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 603	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Nose	Pancreas	Penis	Pituitary Gland
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Urethra

MISSING

Mammary Gland	Parathyroid Gland	Prostate

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Mild
Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Kidney		Hydronephrosis	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 3-4			
Note: LIVER - SMALL NODULE IN LEFT LOBE ALSO.			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 1-3			
Lymph Node	Mesenteric	Hyperplasia	Moderate
Skin	Prepuce	Inflammation	Suppurative, Mild
Thyroid Gland	Follicular Cel	Adenoma	
Trachea		Inflammation	Suppurative, Minimal
Urinary Bladder		Dilatation	Moderate
Note: [DILATATION] TGLs = 2-11			
Note: BLADDER - PENIS & URETHRA CUT IN TO POSSIBLY RELATE TGL 2.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 604	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 398
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 14975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Harderian Gland	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder

INSUFFICIENT TISSUE

Intestine Large - Cecum

OBSERVATIONS

Brain		Histiocytic Sarcoma	
Heart		Cardiomyopathy	Minimal
Note: IN THE FACE OF CARDIOMYOPATHY THIS CAN NOT BE ADEQUATELY			
Note: EVALUATED.			
Note: THERE IS A HINT OF ENDOTHELIAL HYPERPLASIA, HOWEVER			
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 1-4			
Lung		Hemorrhage	Marked
		Histiocytic Sarcoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: HEMORRHAGE TGLs = 3-3			
Note: [HISTIO SARC] TGLs = 3-3			
Lymph Node	Iliac	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 604	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 398
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 14975

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-10			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 2-4			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 605	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Harderian Gland	Bilateral	Adenoma	
Kidney	Renal Tubule	Adenoma	
		Nephropathy	Minimal
Note: [ADENOMA] TGLs = 5-5			
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 4-12			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: [ALV BRON ADEN] TGLs = 3-3			
Mesentery	Fat	Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 2-11			
Skin	Subcut Tiss	Inflammation	Granulomatous, Moderate
Note: [INFLAMMATION] TGLs = 1-10			
Note: SKIN - TGL 1 CONSIDERED SQ NOT EAR FOR SITE UNIFORMITY.			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 606	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
Lung

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 607	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 635
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 14978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Heart	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
Thymus			

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Epididymis		Degeneration	Mild
Note: FORMATION.			
Note: EPIDIDYMIS - FOCAL EPITHELIAL NECROSIS PLUS GIANT CELL			
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-14			
Intestine Large	Rectum	Hemorrhage	Mild
Intestine Small	Duodenum	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 9-12			
Kidney		Histiocytic Sarcoma	
Liver		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 8-4			
Lung		Histiocytic Sarcoma	
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7-11			
Mesentery	Fat	Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 607	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 635
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 14978

ORGAN AND ACCOUNTABLE SITE STATUS

	Fat	Histiocytic Sarcoma	
Note: [HEMORRHAGE] TGLs = 10-13			
Preputial Gland		Degeneration	Cystic, Marked
Note: [DEGEN] TGLs = 2-15			
Skin	Subcut Tiss	Edema	Mild
Note: [EDEMA] TGLs = 5-2			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [NECROSIS] TGLs = 4-4+10			
Note: [HEMA CELL PROL] TGLs = 3-4+10			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: [PIGMENT] TGLs = 11-8			
Testes		Degeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 608	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 481
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 14979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland
Thymus			

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Jejunum	Seminal Vesicle

OBSERVATIONS

Liver	Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 2,3-4		
Lung	Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 1-3		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 609	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Heart			
Note: HEART - NO LESION SEEN TO ACCOUNT FOR TGL 2.			
Kidney		Nephropathy	Minimal
Liver		Angiectasis	Minimal
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: WITH TGL 3.			
Note: LUNG - A LESION WAS NOT SEEN ON RECUT TO CORRELATE			
Note: [ALV BRON ADEN] TGLs = 4,5-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Bronchial	Hyperplasia	Mild
Mesentery	Fat	Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 1-10			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 610	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Harderian Gland	Heart	Islets, Pancreatic
Lung	Lymph Node - Bronchial	Lymph Node - Mediastinal	Pancreas
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Mild
Lymph Node	Mesenteric	Congestion	Moderate
Note: CONGESTION TGLs = 1-6			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 611	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 574
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 14982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Histiocytic Sarcoma	
Harderian Gland		Hyperplasia	Minimal
Heart		Mineralization	Minimal
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
	Centrilobular	Necrosis	Moderate
Note: [HISTIO SARC] TGLs = 4-4			
Lung		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-6			
Mesentery	Fat	Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 3-10			
Nose		Inflammation	Suppurative, Minimal
Salivary Glands		Histiocytic Sarcoma	
Skin			
Note: SKIN- SQ FLUID PROBABLY EDEMA & NOT APPRECIATED ON THE SLIDE			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 611	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 574
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 14982

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PIGMENT	TGLs = 6-8		
Testes		Degeneration	Mild
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 612	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Larynx	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Esophagus	Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Eye	Lens	Degeneration	Minimal
Note: [DEGEN] TGLs = 1-11			
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 2-11			
Intestine Small	Jejunum, Peyers Patch	Hyperplasia	Moderate
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 3-4+10			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON ADEN] TGLs = 4-3			
Lymph Node	Mesenteric	Congestion	Mild
	Mandibular	Hyperplasia	Mild
Note: [CONGESTION] TGLs = 5-6			
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 612	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14983

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 613	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 696
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 14984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Epididymis		Degeneration	Minimal
		Inflammation	Chronic, Moderate
Note: EPIDIDYMIS - A GRANULOMA IS PRESENT ON THE SEROSAL ASPECT.			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1-4			
Kidney	Renal Tubule	Hyperplasia	Minimal
Note: IT IS PROBABLY DUE TO ANEMIA.			
Note: KIDNEY - NO LESIONS TO ACCOUNT FOR PALENESS (TGL 5).			
Liver		Hemangiosarcoma	Metastatic (Heart)
	Centrilobular	Necrosis	Moderate
Note: [NECROSIS] TGLs = 4-4+10			
Note: [HEMANGIOSARC] TGLs = 2,3-4+10			
Lung		Hemangiosarcoma	Metastatic (Heart)
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
	Glandular	Ulcer	Minimal
Note: [ULCER] TGLs = 6-8			
Testes		Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 613	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 696
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 14984

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Necrosis	Mild
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 614	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Esophagus	Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
Harderian Gland		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Angiectasis	Marked
		Hepatocellular Carcinoma	
		Necrosis	Minimal
Note: [ANGIECTASIS] TGLs = 2-4			
Note: [HEPATOCLR CARC] TGLs = 3-10			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
Note: [ALV BRON ADEN] TGLs = 1-3			
Pancreas	Acinus	Focal Cellular Change	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Testes		Hemangioma	
Note: [HEMANGIOMA] TGLs = 4-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 615	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Eye	Heart	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Pancreas	Spleen	Stomach - Glandular	Thymus

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 1-11			
Liver	Centrilobular	Degeneration	Fatty, Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Mild
Note: [HYPERPLASIA] TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 616	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL	
Liver	Lung
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 617	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 546
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 14988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lung	Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Mammary Gland

INSUFFICIENT TISSUE

Lymph Node - Bronchial

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Liver		Hepatocellular Carcinoma	Multiple
		Infarct	Marked
		Necrosis	Minimal
Note: [HEPATOCLR CARC] TGLs = 3,5-4			
Note: LIVER - TGL 2 MAY BE A LIVER TUMOR ALSO BUT NECROSIS			
Note: & HEMORRHAGE DOES NOT ALLOW DETERMINATION.			
Note: [INFARCT] TGLs = 1,2-10			
Lymph Node	Mesenteric	Congestion	Moderate
Note: [CONGESTION] TGLs = 4-6			
Pituitary Gland	Pars Distalis	Cyst	
Thymus		Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 617	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 546
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 14988

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 618	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 619	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Harderian Gland	Islets, Pancreatic	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Pancreas	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	

MISSING

Eye

OBSERVATIONS

Heart		Inflammation	Suppurative, Minimal
Liver	Centrilobular	Degeneration	Fatty, Mild
Lung		Thrombosis	Mild
Note: METAPLASIA. IT RESEMBLED A METASTATIC CHORDOMA,			
Note: HOWEVER, THERE IS NO OTHER EVIDENCE TO SUPPORT THIS.			
Note: POSITIVE PAS AND ALCIAN BLUE STAINS SHOW CARTILAGE-LIKE			
Note: ONE THROMBUS HAS APPARENTLY UNDERGONE CARTILAGINOUS-LIKE			
Note: MATERIAL IN ONE THROMBUS.			
Lymph Node	Mesenteric	Congestion	Moderate
Note: CONGESTION TGLs = 2-6			

PRIMARY CAUSE OF DEATH -

Animal Note: RECHECK OF WET TISSUE SHOWS NO MASS ALONG SPINAL CORD THAT
Animal Note: RESEMBLES A CHORDOMA OR ANY OTHER MASS.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 620	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 607
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 14991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex	Histiocytic Sarcoma	
Bone Marrow		Histiocytic Sarcoma	
Brain		Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 2-1			
Harderian Gland		Adenoma	
Heart		Histiocytic Sarcoma	
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 4,5-4+10			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Moderate
		Histiocytic Sarcoma	
Note: ALV BRON ADEN TGLs = 7-3			
Note: HEMORRHAGE TGLs = 1-3			
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Nose		Inflammation	Suppurative, Minimal
Spleen		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 620	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 607
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 14991

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HISTIO SARC] TGLs = 3-4

Thymus	Necrosis	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 621	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 525
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 14992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Epididymis		Inflammation	Chronic, Mild
Liver		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 1-10+3			
Pharynx	Epithelium	Hyperplasia	Mild
Testes		Atrophy	Minimal
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 622	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

INSUFFICIENT TISSUE

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
	Cortex	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Congestion	Mild
Note: [CONGESTION] TGLs = 2-6			
Mesentery	Fat	Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 1-10			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 623	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 14994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Penis
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urethra			

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Developmental Malformation	
Note: [DEVELOP MALFOR] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: [ALV BRON ADEN] TGLs = 1-3			
Lymph Node	Iliac	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 6-11			
Skin		Inflammation	Chronic, Moderate
Note: [INFLAMMATION] TGLs = 4-12			
Tooth		Inflammation	Minimal
Urinary Bladder		Dilatation	Mild
Note: [DILATATION] TGLs = 2-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 624	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Marked
Intestine Small	Jejunum, Peyers Patch	Hyperplasia	Mild
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASM TGLS 2,3-11+12			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 4-3			
Lymph Node	Mediastinal	Congestion	Moderate
	Mesenteric	Congestion	Moderate
	Mediastinal	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hyperplasia	Mild
Note: [CONGESTION] TGLs = 5-6			
Preputial Gland		Degeneration	Cystic, Mild
		Hemangiosarcoma	
		Inflammation	Suppurative, Moderate
Note: [HEMANGIOSARC] TGLs = 1-10			
Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 624	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14995

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Cyst
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 625	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 713
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 14996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenocarcinoma	
		Hyperplasia	Marked
		Leiomyosarcoma	Metastatic (Skin)
Note: [LEIOMYOSAR] TGLs = 1-9+11			
Note: [ADENOCARC] TGLs = 1-11			
Larynx		Inflammation	Suppurative, Minimal
Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Minimal
Note: [HEPATOCLR ADEN] TGLs = 2,3-4+10			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
		Leiomyosarcoma	Metastatic (Skin)
Note: [ALV BRON ADEN] TGLs = 4-3			
Note: [ADENOCARC] TGLs = 5-3			
Note: LUNG - HARDERIAN METASTASES ARE WELL DIFFERENTIATED.			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Leiomyosarcoma	Metastatic (Skin)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 625	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 713
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 14996

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Subcut Tiss	Leiomyosarcoma	
Note: SKIN - SARCOMA IS UNIFORM SPINDLE CELL SIMILAR TO			
Note: LEIOMYOSARCOMA.			
Note: [LEIOMYOSAR] TGLs = 1-11			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 626	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 352
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 14997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Note: HYPERPLASIA IS GRANULOCYTIC.			
Liver		Hematopoietic Cell Proliferation	Mild
Skin	Subcut Tiss	Inflammation	Chronic, Marked
	Subcut Tiss	Mixed Tumor Malignant	
Note: SPINDLE CELLS. AREAS LOOK ANGIOMATOUS BUT THERE IS CHRONIC			
Note: INFLAMMATION AND GRANULATION.			
Note: TGL 1 HAS ADIPOSE TISSUE, MYLOID CELLS, ROUND CELLS AND			
Note: INFLAMMATION TGLs = 2-12			
Note: MIXD TUMOR MAL TGLs = 1-10			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-4+11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 627	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Urinary Bladder			

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Intestine Small	Jejunum	Carcinoma	
Note: NEGATIVE FOR MAST CELLS.			
Note: [CARCINOMA] TGLs = 6-14			
Note: SMALL INTESTINE, JEJUNUM: SPECIAL STAIN T-BLUE WAS			
Kidney	Renal Tubule	Adenocarcinoma	
Liver		Hepatocellular Carcinoma	
		Mixed Cell Focus	
		Necrosis	Moderate
Note: [NECROSIS] TGLs = 4-4			
Note: [HEPATOCLR CARC] TGLs = 5-10+13			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 2,3-3			
Note: [HYPERPLASIA] TGLs = 3-3			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 627	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14998

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mandibular	Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Tooth		Inflammation	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 628	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
Lung

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 629	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Harderian Gland	Islets, Pancreatic	Lung
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	
MISSING			
Lymph Node - Bronchial			
INSUFFICIENT TISSUE			
Lymph Node - Mandibular			
OBSERVATIONS			
Heart		Necrosis	Minimal
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Mild
		Focal Cellular Change	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 630	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 464
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Liver
Lung	Lymph Node - Mediastinal	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland

OBSERVATIONS

Brain		Carcinoma	Metastatic (Pituitary Gland)
Harderian Gland		Adenoma	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Minimal
Note: NOSE- OLFACTORY AREA HAS SOME METAPLASIA TO RESPIRATORY			
Note: EPITHELIAL CELL TYPE. AFFECTS MIDDLE NASAL SECTION.			
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA TGLs = 1-8			
Note: MAY BE PARS INTERMEDIA.			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-8			
Tooth		Developmental Malformation	
Note: WAS ALMOST TOTALLY LOST BY FRACTURING OR WHATEVER!			
Note: TOOTH- 1 INCISOR PRESENT OTHER IS APPARENTLY RUDIMENTARY OR			
Note: DEVELOP MALFOR TGLs = 2-10			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 630	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 464
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15001

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 631	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Harderian Gland	Heart	Islets, Pancreatic
Liver	Lung	Pancreas	Stomach - Forestomach
Stomach - Glandular	Thymus		
MISSING			
Lymph Node - Bronchial	Lymph Node - Mandibular		
INSUFFICIENT TISSUE			
Lymph Node - Mediastinal			
OBSERVATIONS			
Lymph Node	Mesenteric	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 1-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 632	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 546
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Urinary Bladder

MISSING

Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Bone Marrow			Hyperplasia	Mild
Heart			Lymphoma Malignant Lymphocytic	
Lung			Alveolar/Bronchiolar Carcinoma	
		Alveolar Epith	Hyperplasia	Minimal
		Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON CARC	TGLs = 3-3			
Lymph Node		Mandibular	Lymphoma Malignant Lymphocytic	
		Mediastinal	Lymphoma Malignant Lymphocytic	
		Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 1-7			
Note: LYMPH MAL LYMP	TGLs = 4-11			
Thymus			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 2-10+2+3			
Trachea			Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 633	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
Bone Marrow		Angiectasis	Mild
		Hyperplasia	Mild
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 4-4			
Kidney		Hemangiosarcoma	Metastatic (Heart)
		Nephropathy	Minimal
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	
		Necrosis	Minimal
Note: [HEPATOCLR ADEN] TGLs = 3-10			
Note: [HEMANGIOSARC] TGLs = 2-4+10+11			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON CARC] TGLs = 1-3			
Lymph Node	Mesenteric	Congestion	Minimal
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: [CONGESTION] TGLs = 5-6			
Nose		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 633	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15004

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Hematopoietic Cell Proliferation	Mild
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 634	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 200
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15005

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Harderian Gland	Mammary Gland
Parathyroid Gland			

AUTO PRECLUDES DIAG.

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Lung — Lymphoma Malignant
Lymph Node
Note: BRONCHIAL LYMPH NODE=NOTE=TGL 2 OBSCURED BY AUTOLYSIS
Stomach
Note: FORESTOMACH VAGUELY SUGGESTIVE OF HYPERPLASIA OF EPITHELIUM
Thymus
Note: THYMUS-NOTE=TGL 1 OBSCURED BY AUTOLYSIS.

PRIMARY CAUSE OF DEATH -

Animal Note: LESIONS ARE COMPATIBLE WITH LYMPH MAL ALTHOUGH CELL TYPE
Animal Note: IS NOT APPARENT. LUNGS ARE ADEQUATE FOR THIS DIAGNOSIS
Animal Note: OF MALIGNANT LYMPHOMA, NOS.
Animal Note: SEVERELY AUTOLYZED BUT GROSS & MICRSCOPIC DISTRIBUTION OF
Animal Note: AUTOLYSIS OBSCURES TGL-1 AND TGL-2.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 635	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Bronchial
Lymph Node - Mesenteric	Pituitary Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland
Thymus			

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Inflammation	Suppurative, Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Hepatocellular Carcinoma	Multiple
		Infarct	Marked
Note: IN A TORSION.			
Note: LIVER - PORTION OF MEDIAN LOBE APPEARS TO BE INVOLVED			
Note: INFARCT TGLs = 4-4			
Note: HEPATOCLR CARC TGLs = 5-10			
Lung	Alveolar Epith	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Focal Cellular Change	Minimal
Penis		Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 3-13+12			
Note: PENIS - BLOOD VESSELS IN PENIS DILATED.			
Prostate		Inflammation	Suppurative, Mild
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-13			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 635	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15006

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder	Dilatation	Moderate
	Inflammation	Minimal
Note: DILATATION TGLs = 2-11		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 636	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Mesenteric
Nose	Pancreas	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
Parathyroid Gland			

OBSERVATIONS

Kidney		Cyst	
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
Note: [CYST] TGLs = 3-5			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
Note: [ALV BRON CARC] TGLs = 1-3			
Mesentery	Fat	Angiectasis	Mild
	Fat	Inflammation	Chronic, Minimal
Note: [ANGIECTASIS] TGLs = 4-11			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Squamous Cell Papilloma	
Note: [HYPERPLASIA] TGLs = 5-8			
Note: [SQ CL PAPILLOM] TGLs = 5-8			
Tissue NOS			
Note: TISSUE NOS - TISSUE IN CASSETTE IS NORMAL SALIVARY GLAND.			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 636	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15007

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 637	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
Lung

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 638	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Bone Marrow	Harderian Gland	Heart
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Pancreas
Spleen	Stomach - Glandular	Thymus	
MISSING			
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	
OBSERVATIONS			
Liver	Centrilobular	Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 639	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Liver		Basophilic Focus	
		Lymphoma Malignant Lymphocytic	
Note: [BASOPH FOCUS] TGLs = 6-4			
Lung		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 5-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-11			
Note: [LYMPH MAL LYMP] TGLs = 4-3			
Note: [LYMPH MAL LYMP] TGLs = 1-2+10			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Prostate		Hyperplasia	Minimal
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-4			
Testes	Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 7-7			
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 639	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15010

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 640	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
Lung

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 641	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung
Stomach - Forestomach

OBSERVATIONS

Skin		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 1-10			
Stomach	Glandular	Ulcer	Minimal
Note: HAVE THE SAME APPEARANCE AS IN TGL 2 & 5.			
Note: IF FOOD MATERIAL ADHERED TO ULCER, PERHAPS IT COULD			
Note: ULCER TGLs = 2,5-8			
Thymus		Necrosis	Minimal
Note: STRESS OF SKIN INFLAMMATION SEEMS ENOUGH TO RESULT IN			
Note: THYMIC LESION?			
[Necrosis TGLS = 3-2]			
Urinary Bladder		Calculus Micro Observation Only	
Note: CALCUS MIC OBS TGLs = 4-8			
Note: MINERAL IN BLADDER, NOT SEMINAL VESCULAR FLUID.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 642	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Liver		Angiectasis	Mild
Note: ANGIECTASIS TGLs = 3-4			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1,2-6+10+12			
Skin		Cyst Epithelial Inclusion	
Note: CYST EPITH INC TGLs = 4-11			
Thymus		Necrosis	Moderate
Thyroid Gland		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 643	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 658
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Urethra	

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 5-11			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 6-12			
Lung		Hemorrhage	Minimal
Note: LUNG - RECUT SHOWS NO LESION THAT COULD ACCOUNT FOR TGL 7.			
Penis		Inflammation	Suppurative, Mild
Skin	Sebaceous Gl	Adenoma	
	Prepuce	Inflammation	Suppurative, Marked
Note: SEBACEOUS ADENOMA IS INFLAMMED AND NOT OBVIOUS.			
Note: [INFLAMMATION] TGLs = 2-14			
Note: URINARY OBSTRUCTION. URETHRA & PREPUTIAL GLAND ARE			
Note: SKIN - CHRONIC PREPUTIAL INFLAMMATION LIKELY LEAD TO			
Note: [ADENOMA] TGLs = 1-10			
Note: NORMAL.			
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 643	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 658
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15014

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Necrosis	Mild
Trachea	Inflammation	Suppurative, Minimal
Urinary Bladder	Dilatation	Moderate
Note: [DILATATION] TGLs = 4-13		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 644	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Urinary Bladder			
MISSING			
Intestine Small - Duodenum	Mammary Gland		
AUTO PRECLUDES DIAG.			
Gallbladder	Larynx	Lymph Node - Mesenteric	Nose
Trachea			

OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 1-3			
Mesentery	Fat	Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 3-10			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 645	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 537
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large - Rectum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Penis
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland

MISSING

Lymph Node - Mediastinal	Mammary Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Medulla	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Seminal Vesicle	Thymus	Trachea	

OBSERVATIONS

Lung			
Note: CONSIDERED IMPORTANT IN A NATURAL DEATH IN A CHRONIC STUDY.			
Note: LUNG - CONGESTION PROBABLY ACCOUNTS FOR TGL 1 BUT NOT			
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: ITSELF LOOKS RELATIVELY NORMAL.			
Note: INFLAMMATION TGLs = 2-10			
Note: SKIN - PREPUCE LESION IS RESPONSIBLE FOR TGL 2. PENIS			
Urinary Bladder		Dilatation	Mild
Note: DILATATION TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 646	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Gallbladder	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
Note: [HEPATOCLR CARC] TGLs = 3,4-10+12+13			
Note: [HEPATOCLR ADEN] TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Minimal
Note: [ALV BRON ADEN] TGLs = 5-3			
Lymph Node	Mesenteric	Congestion	Mild
	Mesenteric	Hyperplasia	Mild
Note: [CONGESTION] TGLs = 6-6			
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 647	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenocarcinoma	
		Adenoma	
Note: [ADENOMA] TGLs = 1-9+11			
Kidney		Cyst	
		Nephropathy	Mild
Note: [CYST] TGLs = 8-15			
Liver		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
Note: [HEPATOCLR CARC] TGLs = 2,3-4+14			
Note: [MIXED CL FOCUS] TGLs = 7-13			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
	Alveolar Epith	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 4-3			
Lymph Node	Mandibular	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 9-7			
Mesentery	Fat	Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 647	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15018

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ANGIECTASIS] TGLs = 10-16			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland	Duct	Dilatation	Mild
Note: [DILATATION] TGLs = 6-12			
Skin		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 5-10			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 648	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mediastinal	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 5-12			
Intestine Small	Ileum, Peyers Patch	Hyperplasia	Marked
Note: ILEUM (SMALL INTESTINE) RATHER THAN COLON.			
Note: [HYPERPLASIA] TGLs = 11-6			
Note: SMALL INTESTINE = TGL 11 APPEARS ASSOCIATED WITH			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
Note: [HEPATOCLR CARC] TGLs = 3,4,8,9-4+10+11			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: [HEPATOCLR CARC] TGLs = 1,2-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 648	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15019

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Degeneration	Cystic, Mild
Note: [DEGEN] TGLs = 6-13			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: [ULCER] TGLs = 10-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 649	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
Lung

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 650	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 540
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Eye			
Note: EYE- SECTION OF RUPTURED EYE MAY BE ON SLIDE 9. RETINAL			
Note: PIGMENT MAYBE PRESENT BUT CAN'T INTERPRET THE REST.			
Heart		Adenocarcinoma	Metastatic (Lung)
Kidney		Adenocarcinoma	Metastatic (Lung)
	Capsule	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 7-5			
Note: ADENOCARC TGLs = 6-5			
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 5-4			
Lung	Mediastinum	Adenocarcinoma	Metastatic (Lung)
		Adenocarcinoma	
		Alveolar/Bronchiolar Adenoma	
Note: TUMOR BUT SECTIONS TAKEN SO AS THEY DO NOT SHOW ON SLIDE.			
Note: TGL 3- THORACIC CAVITY MASSES ARE PROBABLY METASTATIC LUNG			
Note: ALV BRON ADEN TGLs = 2-3			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 650	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 540
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15021

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOCARC TGLs = 2-3			
Lymph Node	Bronchial	Adenocarcinoma	Metastatic (Lung)
	Mediastinal	Adenocarcinoma	Metastatic (Lung)
	Mesenteric	Congestion	Mild
Note: LYMPHNODE- MESENTERIC ALSO HAS HEMOSIDERIN.			
Note: CONGESTION TGLs = 8-6			
Skeletal Muscle	Diaphragm	Adenocarcinoma	Metastatic (Lung)
Note: ADENOCARC TGLs = 1-10			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: OF LUNG.
Animal Note: MASS WERE POSITIVE & AIDED IN DIAGNOSIS OF ADENOCARCINOMA
Animal Note: PAS SPECIAL STAINS APPLIED TO LUNG MASS AND KIDNEY

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 651	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Hypertrophy	Mild
Bone Marrow		Hyperplasia	Mild
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 2-9+10			
Heart	Endothelium	Hyperplasia	Mild
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 3,4,5,6-4+12+13+14			
Lymph Node	Mesenteric	Angiectasis	Minimal
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Inflammation	Chronic, Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Moderate
Note: [HYPERPLASIA] TGLs = 7-8			
Thymus		Necrosis	Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 652	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Mammary Gland

OBSERVATIONS

Adrenal Gl			
Note: ADRENALS - APPARENTLY LOST IN RENAL LYMPH NODE MASSES			
Gallbladder		Lymphoma Malignant Lymphocytic	
Larynx		Inflammation	Suppurative, Mild
Liver		Lymphoma Malignant Lymphocytic	
		Necrosis	Moderate
Note: [LYMPH MAL LYMP] TGLs = 5-4+10			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Lymphoma Malignant Lymphocytic	
Note: [ALV BRON ADEN] TGLs = 8-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-3			
Note: [LYMPH MAL LYMP] TGLs = 6-11			
Note: [LYMPH MAL LYMP] TGLs = 1-7			
Note: [LYMPH MAL LYMP] TGLs = 4-12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 652	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15023

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL LYMP] TGLs = 7-13			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
	Glandular	Ulcer	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 653	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Harderian Gland	Heart	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Pancreas	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus			

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 654	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Penis
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urethra	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 7-9			
Kidney		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASM TGLS 3,4-4+13			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 6,8-3			
Mesentery	Fat	Hemangioma	
Note: [HEMANGIOMA] TGLs = 2-12			
Nose		Inflammation	Suppurative, Minimal
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: LESION.			
Note: [INFLAMMATION] TGLs = 1-10+11			
Note: SKIN - PENIS & URETHRA CUT IN RELATIVE TO PREPUTIAL			
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 654	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15025

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 5-8			
Thymus		Necrosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 655	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Penis	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Urethra		

MISSING

Esophagus	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Intestine Small	Ileum, Peyers Patch	Hyperplasia	Mild
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
Note: HEPATOCLR NEOPLASM TGLS 2,3,5-4+10+11			
Spleen		Hyperplasia	Lymphoid, Moderate
Note: [HYPERPLASIA] TGLs = 4-4			
Thymus		Necrosis	Minimal
Thyroid Gland		Cyst	
Trachea		Inflammation	Suppurative, Minimal
Urinary Bladder		Dilatation	Mild
Note: URINARY BLADDER - PENIS & URETHRA CUT IN RELATIVE TO			
Note: URINARY BLADDER.			
Note: [DILATATION] TGLs = 1-13			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 656	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Islets, Pancreatic	Lung
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	
MISSING			
Lymph Node - Bronchial			
INSUFFICIENT TISSUE			
Lymph Node - Mandibular			
OBSERVATIONS			
Harderian Gland		Adenoma	
Liver	Centrilobular	Degeneration	Fatty, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 657	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mediastinal
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder
MISSING			
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Thymus
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	Multiple
Note: [HEPATOCLR CARC] TGLs = 3,4,5-4+11+12+13			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Minimal
Note: [ALV BRON CARC] TGLs = 2-3			
Note: [HEPATOCLR CARC] TGLs = 2-3			
Lymph Node	Mesenteric	Angiectasis	Minimal
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 658	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
[Adenoma TGLS = 3-7]			
Brain		Mineralization	Minimal
Harderian Gland		Adenocarcinoma	
		Adenoma	
Note: [ADENOMA] TGLs = 4-10			
Heart		Adenocarcinoma	Metastatic (Lung)
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Adenocarcinoma	Metastatic (Lung)
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
Note: [ADENOCARC] TGLs = 2-5			
Liver		Basophilic Focus	
Lung	Mediastinum	Adenocarcinoma	Metastatic (Lung)
		Adenocarcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ADENOCARC] TGLs = 6-3			
Lymph Node	Bronchial	Adenocarcinoma	Metastatic (Lung)
	Mediastinal	Adenocarcinoma	Metastatic (Lung)
	Mesenteric	Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 658	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15029

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOCARC] TGLs = 5-2			
Note: [CONGESTION] TGLs = 7-6			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Ulcer	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 659	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
	Cortex	Hypertrophy	Minimal
Intestine Small	Jejunum, Peyers Patch	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 3-13			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-12			
Note: [HEPATOCLR ADEN] TGLs = 2-11			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON ADEN] TGLs = 4-3			
Note: [ALV BRON CARC] TGLs = 4-3			
Lymph Node	Mesenteric	Congestion	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 5-10			
Note: [CONGESTION] TGLs = 5-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 659	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15030

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Mild
Note: [HYPERPLASIA] TGLs = 6-8			
Thymus		Hyperplasia	Lymphoid, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 660	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 12
	DOSE: 62.5 PPM	**DISP:** Missing	**HISTO:** 15031

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

Animal Note: NO NECROPSY.
Animal Note: ANIMAL MISSING FROM CAGE 2-3-86, NOT FOUND, THEREFORE

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 661	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
Lung

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 662	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung	Stomach - Forestomach	Stomach - Glandular

OBSERVATIONS

Stomach

Note: NO SIGNIFICANT LESION IN TGL-1, MAY HAVE REFFERED TO SOME
Note: GLANDULAR STOMACH JUNCTION.
Note: EXTRA FOLDING OF SQUAMOUS EPITHELIUM AT THE FORESTOMACH

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 663	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Islets, Pancreatic	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
OBSERVATIONS			
Harderian Gland		Adenoma	
Liver	Centrilobular	Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-4			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: ALV BRON CARC TGLs = 2-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 664	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 434
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Harderian Gland	Lymph Node - Mediastinal	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Jejunum

INSUFFICIENT TISSUE

Intestine Small - Ileum

OBSERVATIONS

Brain		Mineralization	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Mild
Note: HEPATOCLR ADEN	TGLs = 2-10		
Note: HEPATOCLR CARC	TGLs = 1-11		
Lung		Alveolar/Bronchiolar Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 665	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mediastinal	Nose	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Gallbladder	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Intestine Small	Duodenum, Peyers Patch	Hyperplasia	Mild
	Ileum	Lymphoma Malignant Histiocytic	
Note: [HYPERPLASIA] TGLs = 3-11			
Note: [LYMPH MAL HIST] TGLs = 4-6+10			
Liver		Hemangioma	
		Hepatocellular Carcinoma	
Note: [HEMANGIOMA] TGLs = 5,6-12+13			
Note: [HEPATOCLR CARC] TGLs = 1-14			
Lymph Node	Mesenteric	Lymphoma Malignant Histiocytic	
Note: [LYMPH MAL HIST] TGLs = 2-15			
Pancreas	Acinus	Focal Cellular Change	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Minimal
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 666	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Harderian Gland	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Jejunum

INSUFFICIENT TISSUE

Esophagus

OBSERVATIONS

Liver		Necrosis	Minimal
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemangiosarcoma	Metastatic (Skeletal Muscle)
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [HEMANGIOSARC] TGLs = 1,3,5-3			
Note: [ALV BRON ADEN] TGLs = 4-3			
Lymph Node	Mesenteric	Angiectasis	Moderate
	Mediastinal	Congestion	Moderate
Note: [ANGIECTASIS] TGLs = 7-6			
Note: [CONGESTION] TGLs = 2-2			
Mesentery	Fat	Angiectasis	Mild
	Fat	Necrosis	Mild
Note: [ANGIECTASIS] TGLs = 8-10			
Note: [NECROSIS] TGLs = 6-10			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 666	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15037

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Hemangiosarcoma	
Note: ORIGINATED IN SKELETAL MUSCLE & INFILTRATED THORACIC			
Note: SKELETAL MUSCLE - HEMANGIOSARCOMA APPEARS TO HAVE			
Note: CAVITY (PLEURA) AND LUNG.			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Mild
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 667	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Trachea	Urethra	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Heart	Endothelium	Hyperplasia	Moderate
Kidney	Renal Tubule	Adenoma	
Note: [ADENOMA] TGLs = 10-5			
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7-4+11			
Note: [BASOPH FOCUS] TGLs = 6-11			
Note: [HEMA CELL PROL] TGLs = 7-4+11			
Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Focal, Moderate
Note: [INFLAMMATION] TGLs = 9,11-3			
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 667	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15038

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Inflammation	Granulomatous, Mild
Note: [HYPERPLASIA] TGLs = 13-12			
Note: [HISTIO SARC] TGLs = 12-2			
Mesentery	Fat	Inflammation	Chronic, Mild
	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 8-14			
Skin	Prepuce	Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 3-10			
Note: [INFLAMMATION] TGLs = 1-13			
Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4,5-4			
Note: [HEMA CELL PROL] TGLs = 4-4			
Thymus		Necrosis	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Marked
Urethra			
Note: URETHRA - TGL 14 IS A SEMINAL PLUG NOT CALCULUS,			
Note: THEREFORE CONSIDERED NORMAL.			
Urinary Bladder		Dilatation	Moderate
Note: [DILATATION] TGLs = 2-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 668	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Mesentery	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Urinary Bladder	

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Prostate

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
		Hyperplasia	Mild
Note: [ADENOMA] TGLs = 1-10			
Heart		Hemangiosarcoma	
Liver		Infarct	Marked
Note: LIVER - TGL 2 IS APPARENT LIVER INFARCT AFTER TORSION,			
Note: [INFARCT] TGLs = 2-11			
Note: NOT MESENTERIC FAT.			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
Note: [ALV BRON CARC] TGLs = 3,4-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 668	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15039

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 669	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thymus
Urinary Bladder			

MISSING

Mammary Gland	Prostate

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Harderian Gland		Hyperplasia	Mild
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 3-4			
Liver		Basophilic Focus	
		Hemangiosarcoma	Metastatic (Heart)
Note: [BASOPH FOCUS] TGLs = 5-4			
Note: [HEMANGIOSARC] TGLs = 6,8,9-10+11+12			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: [ALV BRON ADEN] TGLs = 4-3			
Mesentery	Fat	Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 7-13			
Nose		Inflammation	Suppurative, Minimal
Skin	Hair Follicle	Atrophy	Minimal
Note: [ATROPHY] TGLs = 1-2			
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes		Atrophy	Minimal
Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 669	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15040

ORGAN AND ACCOUNTABLE SITE STATUS

Trachea	Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 670	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus			

MISSING

Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR LESION TGLS 1,2,8-4+10+11+12			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Congestion	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 7-6			
Note: [CONGESTION] TGLs = 7-6			
Mesentery	Fat	Hemangioma	
Note: [HEMANGIOMA] TGLs = 6-14			
Nose		Inflammation	Suppurative, Minimal
Preputial Gland		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 670	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15041

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [INFLAMMATION] TGLs = 3-13			
Prostate		Inflammation	Suppurative, Mild
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 4-13			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal
Urinary Bladder		Dilatation	Mild
Note: [DILATATION] TGLs = 5-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 801	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland	
INSUFFICIENT TISSUE			
Harderian Gland	Lymph Node - Mandibular		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 802	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	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 - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Glandular
Testes	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Heart		Adenocarcinoma	Metastatic (Lung)
		Hemangiosarcoma	
Note: [ADENOCARC] TGLs = 5-4			
Larynx		Inflammation	Suppurative, Minimal
Liver		Adenocarcinoma	Metastatic (Lung)
		Basophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
Note: [HEPATOCLR CARC] TGLs = 6,9-4+10+11			
Lung	Mediastinum	Adenocarcinoma	Metastatic (Lung)
		Adenocarcinoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ADENOCARC] TGLs = 2,3-3+14+15			
Note: [ADENOCARC] TGLs = 4-3			
Lymph Node	Bronchial	Adenocarcinoma	Metastatic (Lung)
	Mediastinal	Adenocarcinoma	Metastatic (Lung)
Mesentery	Fat	Adenocarcinoma	Metastatic (Lung)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 802	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14833

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOCARC] TGLs = 7-16			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Skeletal Muscle		Adenocarcinoma	Metastatic (Lung)
Note: [ADENOCARC] TGLs = 8-13			
Skin	Subcut Tiss	Adenocarcinoma	Metastatic (Lung)
	Subcut Tiss	Angiectasis	Moderate
Note: [ADENOCARC] TGLs = 1-12			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thymus		Adenocarcinoma	Metastatic (Lung)
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: MOST METASTATIC LESIONS ARE ROUND CARCINOMA CELLS IN
Animal Note: PACKETS & CORDS WITH RARE ACINUS FORMATION. HIGHLY
Animal Note: ANAPLASTIC. LUNG TUMOR IS PAPILLARY WITH SOME SOLID
Animal Note: CARCINOMA FOCI.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 803	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 382
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Brain		Hemorrhage	Minimal
		Histiocytic Sarcoma	
Harderian Gland		Adenoma	
Heart		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 3-4			
Kidney		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-5			
Liver		Histiocytic Sarcoma	
		Necrosis	Minimal
Note: [HISTIO SARC] TGLs = 4-4			
Lung		Histiocytic Sarcoma	
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6-3			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
Note: PIGMENT TGLs = 8-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 803	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 382
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14834

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Histiocytic Sarcoma
Note: [HISTIO SARC] TGLs = 1,2-10	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 804	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Harderian Gland		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1,2-11+10+4			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON ADEN TGLs = 3-3			
Note: LUNG - WHILE LUNG IS CONGESTED IT IS NOT CONSIDERED			
Note: IMPORTANT IN A CHRONIC STUDY MORIBUND ANIMAL.			
Lymph Node	Mesenteric	Congestion	Moderate
Note: CONGESTION TGLs = 6-6			
Skin	Hair Follicle	Atrophy	Moderate
		Inflammation	Chronic, Moderate
Note: ATROPHY TGLs = 5-12			
Note: INFLAMMATION TGLs = 5-12			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 804	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14835

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 805	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: [ALV BRON ADEN] TGLs = 3-3			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
Preputial Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 1-10			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Squamous Cell Papilloma	
Testes		Atrophy	Mild
Thymus		Necrosis	Mild
Urinary Bladder		Dilatation	Moderate
Note: [DILATATION] TGLs = 2-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 806	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 2-11			
Heart		Cardiomyopathy	Minimal
		Hemangiosarcoma	
Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
Note: [EOSIN FOCUS] TGLs = 5-4			
Note: HEPATOCLR CARC TGLs = 1-10			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Lymph Node	Mesenteric	Angiectasis	Moderate
Preputial Gland		Carcinoma	
Note: CARCINOMA TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Dilatation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 807	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 495
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Epididymis		Inflammation	Chronic, Mild
Kidney		Infarct	Mild
Note: KIDNEY- DISCRETE FOCAL AREA RENAL TUBULAR NECROSIS IN CORTEX			
Note: INFARCT TGLs = 2-5			
Lung	Mediastinum	Adenocarcinoma	Metastatic (Lung)
		Adenocarcinoma	
		Alveolar/Bronchiolar Carcinoma	
Note: SUBSTANCES.			
Note: LUNG ADENOCARCINOMA AS IT WAS POSITIVE FOR MUCOUS			
Note: A SPECIAL STAIN (PAS) HELPED AID THE DIAGNOSIS OF			
Note: LOBE			
Note: ADENOCARC TGLs = 1-3+10			
Note: LUNG- A MASS IS PRESENT IN LUNG SECTION THAT MAY BE CARDIAC			
Lymph Node	Bronchial	Hyperplasia	Mild
	Mandibular	Hyperplasia	Mild
Salivary Glands		Inflammation	Chronic, Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 807	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 495
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14838

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 808	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 673
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Harderian Gland		Adenoma	
Heart		Mineralization	Minimal
Kidney		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-5			
Liver		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HEPATOCLR CARC] TGLs = 6-4			
Note: [HISTIO SARC] TGLs = 3-4+10			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
		Hemorrhage	Marked
		Histiocytic Sarcoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 1,5-3			
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Mesentery	Fat	Angiectasis	Moderate
	Fat	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 808	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 673
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14839

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ANGIECTASIS] TGLs = 8-11			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: [PIGMENT] TGLs = 9-8			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 809	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Mild
Heart		Mineralization	Minimal
Intestine Large	Cecum	Angiectasis	Mild
Kidney	Renal Tubule	Hyperplasia	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASM TGLS 3,4-10+11			
Lung		Adenocarcinoma	
		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 1-3			
Note: [ADENOCARC] TGLs = 2-3			
Lymph Node	Mesenteric	Angiectasis	Moderate
	Mediastinal	Hyperplasia	Mild
Note: [ANGIECTASIS] TGLs = 5-12			
Mesentery	Fat	Inflammation	Chronic, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 809	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14840

ORGAN AND ACCOUNTABLE SITE STATUS

	Forestomach	Squamous Cell Papilloma	
	Forestomach	Ulcer	Mild
	Glandular	Ulcer	Mild
Note: [SQ CL PAPILLOM] TGLs = 7-8			
Note: [ULCER] TGLs = 7-8			
Note: [ULCER] TGLs = 6-8			
Testes		Degeneration	Mild
Tooth		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 810	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Lung	Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 811	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 171
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Larynx	Pancreas	Prostate
Salivary Glands	Skin	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Parathyroid Gland	Seminal Vesicle

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic
Brain		Lymphoma Malignant Lymphocytic
Heart		Lymphoma Malignant Lymphocytic
Intest Small		
Note: TGL 11. NOT CONSIDERED SIGNIFICANT.		
Note: PORTION OF PANCREAS NEXT TO DUODENUM THAT MAY ACCOUNT FOR		
Note: THERE APPEARS TO BE SOME HEMORRHAGE IN AN AUTOLYZED		
Kidney		Lymphoma Malignant Lymphocytic
Liver		Lymphoma Malignant Lymphocytic
Note: TGL-5 MAY BE DUE TO CONGESTION WHICH IS NOT CONSIDERED		
Note: SIGNIFICANT. DO NOT THINK LYMPHOMA ACCOUNTS FOR TGL-5		
Lung		Lymphoma Malignant Lymphocytic
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic
	Bronchial	Lymphoma Malignant Lymphocytic
	Inguinal	Lymphoma Malignant Lymphocytic
	Mandibular	Lymphoma Malignant Lymphocytic
	Mediastinal	Lymphoma Malignant Lymphocytic
	Mesenteric	Lymphoma Malignant Lymphocytic
	Renal	Lymphoma Malignant Lymphocytic

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 811	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 171
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14842

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 3-3			
[Lymphoma Malignant Lymphocytic TGLS = 2-10]			
[Lymphoma Malignant Lymphocytic TGLS = 10-6]			
[Lymphoma Malignant Lymphocytic TGLS = 1-7]			
[Lymphoma Malignant Lymphocytic TGLS = 8-12]			
[Lymphoma Malignant Lymphocytic TGLS = 9-13]			
[Lymphoma Malignant Lymphocytic TGLS = 7-5]			
Nose		Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Lymphoma Malignant Lymphocytic	
	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA TGLs = 12-8			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 812	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 217
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Larynx	Liver	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Harderian Gland	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Mammary Gland	Thymus	

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

INSUFFICIENT TISSUE

Lymph Node - Mesenteric

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: HYPERPLASIA SEEMS GRANULOCYTIC.			
Kidney		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 3-5			
Note: ALL ARE CENTERED AROUND BACTERIAL COLONIES.			
Note: LESIONS IN PELVIS EXTENDS TO 1/3 OF KIDNEY MEDULLA & CORTEX			
Lung		Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 2-3			
Note: LESIONS ARE MULTIFOCAL & DISCRETELY PERIBRONCHIOLAR			
Nose		Inflammation	Pyogranulomat, Moderate
Note: PYOGRANULOMAS UNILATERAL AND AROUND HAIR FOREIGN BODIES.			
Note: SUB-CUTT PYOGRANULOMAS AROUND NASAL BONES. NASAL			
Skin	Subcut Tiss	Inflammation	Pyogranulomat, Moderate
Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 812	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 217
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14843

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
	Glandular	Ulcer	Mild
Note: ULCER TGLs = 1-8			
Testes		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 813	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Liver	Centrilobular	Degeneration	Fatty, Mild
Note: DEGEN TGLs = 1-4			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 814	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
		Hyperplasia	Moderate
Note: ADENOMA TGLs = 7-12			
Heart		Hemangiosarcoma	
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 2-4			
Note: HEPATOCLR CARC TGLs = 1-10			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
Note: ALV BRON ADEN TGLs = 3-3			
Lymph Node	Mesenteric	Angiectasis	Marked
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: ANGIECTASIS TGLs = 8-6			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Preputial Gland		Carcinoma	
Note: CARCINOMA TGLs = 4-11			
Skin	Prepuce	Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 814	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14845

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 5-11		
Spleen	Hematopoietic Cell Proliferation	Minimal
Urinary Bladder	Dilatation	Moderate
Note: DILATATION TGLs = 6-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 815	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum

OBSERVATIONS

Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 2-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Necrosis	Mild
Note: [HEMANGIOSARC] TGLs = 3-4+10			
Lung		Hemangiosarcoma	Metastatic (Heart)
	Alveolar Epith	Hyperplasia	Moderate
Note: [HEMANGIOSARC] TGLs = 1,5-3			
Note: [HYPERPLASIA] TGLs = 1-3			
Mesentery	Fat	Angiectasis	Mild
	Fat	Inflammation	Chronic, Mild
Note: MESENTERY - TGL 6 IS IN FAT NOT LYMPH NODE.			
Note: [INFLAMMATION] TGLs = 6-11			
Note: [ANGIECTASIS] TGLs = 6-11			
Preputial Gland		Degeneration	Cystic, Mild
Note: [DEGEN] TGLs = 4-12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 815	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14846

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Hematopoietic Cell Proliferation	Mild
Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 816	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Harderian Gland	Heart	Islets, Pancreatic
Kidney	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Spleen	Stomach - Glandular	Testes	Thymus

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Minimal
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	

Note: ALV BRON ADEN TGLs = 4-3
Note: 1 A/B ADENOMA IS IN DIAGPHRAGMATIC LOBE, OTHER IS ON
Note: PRODUCTIVENESS QUESTIONABLE.
Note: CARDIAC INSTEAD OF APICAL. CHECKED BLOCK-RECUT
[Alveolar/Bronchiolar Carcinoma TGLS = 1-3]

Lymph Node	Mesenteric	Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate

Note: NECROSIS TGLs = 2-10

Stomach	Epithelium, Forestomach	Hyperplasia	Moderate

Note: [HYPERPLASIA] TGLs = 3,5-8

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 817	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 537
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Trachea		

MISSING

Intestine Small - Duodenum	Mammary Gland	Thymus

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum

OBSERVATIONS

Bone	Cranium	Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 4-10			
Brain		Mineralization	Mild
Eye		Degeneration	Moderate
Note: DEGEN TGLs = 8-13			
Harderian Gland		Adenoma	
		Hyperplasia	Minimal
Note: ADENOMA TGLs = 3-9+12			
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-4			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
Note: HEPATOCLR CARC TGLs = 5-4+11			
Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 2-3			
Thyroid Gland		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 817	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 537
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14848

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder	Dilatation	Moderate
Note: DILATATION TGLs = 7-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 818	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland

OBSERVATIONS

Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Marked

Note: HEMORRHAGIC FOCUS IN LEFT LOBE.
[Hemorrhage TGLS = 1-3]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 819	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 697
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Testes	Thyroid Gland	Urinary Bladder

MISSING

Lymph Node - Bronchial

AUTO PRECLUDES DIAG.

Adrenal Gland - Medulla	Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

OBSERVATIONS

Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-13			
Heart		Hemangiosarcoma	
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Carcinoma	Multiple
Note: [HEPATOCLR CARC] TGLs = 4,5,6-4+10+11+12			
Note: [HEMANGIOSARC] TGLs = 4,5,6-4+10+11+12			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [HEPATOCLR CARC] TGLs = 2-3			
Note: [ALV BRON CARC] TGLs = 2-3			
Lymph Node	Mandibular	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 1-7			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 819	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 697
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14850

ORGAN AND ACCOUNTABLE SITE STATUS

Pharynx	Epithelium	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
Note: [PIGMENT] TGLs = 7-8			
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 820	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 629
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
		Hyperplasia	Minimal
Note: ADENOMA TGLs = 2-10			
Heart	Endothelium	Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver		Hepatocholangiocarcinoma	
Note: HYPERPLASIA AT PERIPHERY. A DIFFERENTIAL COULD BE			
Note: METASTATIC AB CARCINOMA BUT NOT AS LIKELY.			
Note: LIVER-LESION SEEMS TO BE BILIARY WITH HEPATOCELLULAR			
Note: [HEPATOCHOLCARC] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: ALV BRON CARC TGLs = 1-3			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Mandibular	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 820	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 629
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14851

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Atrophy	Minimal
Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 821	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Islets, Pancreatic	Kidney	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus			
INSUFFICIENT TISSUE			
Lymph Node - Mediastinal			
OBSERVATIONS			
Harderian Gland		Hyperplasia	Mild
Heart		Inflammation	Suppurative, Minimal
Liver	Centrilobular	Degeneration	Fatty, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 822	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Harderian Gland		Hyperplasia	Moderate
Heart		Cardiomyopathy	Minimal
		Hemangiosarcoma	
Kidney		Nephropathy	Minimal
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
Note: [HEPATOCLR CARC] TGLs = 6,7-10+11			
Note: [HEMANGIOSARC] TGLs = 5-4+10			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Mediastinum	Hemangiosarcoma	Metastatic (Heart)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 2,4-3			
Note: [ALV BRON ADEN] TGLs = 3-3			
Preputial Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 1-12			
Skin	Subcut Tiss	Angiectasis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 822	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14853

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 823	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Urinary Bladder	

MISSING

Mammary Gland	Thymus

OBSERVATIONS

Heart	Endothelium	Hyperplasia	Minimal
Kidney		Nephropathy	Mild
Note: KIDNEY-LESION MAY BE RESULT OF OLD INFARCT, SIMILAR TO			
Note: PREVIOUS CORTICAL LESIONS VERY NEAR TO CAPSULE OR ON CAPSULE			
Note: BUT THIS ONE IS LARGER & DEEPER INTO CORTEX & MULTIFOCAL			
Note: SMALLER ONES ARE PRESENT.			
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Biliar Tract	Hyperplasia	Mild
		Necrosis	Moderate
Note: HEPATOCLR ADEN TGLs = 5-11+4			
Note: HEPATOCLR CARC TGLs = 3,4-4+10			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON CARC TGLs = 1,2-3			
Note: PAS SPECIAL STAIN ON LUNG MASS WAS NONCONTRIBUTORY.			
Lymph Node	Mediastinal	Hyperplasia	Mild
Pancreas	Duct	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 823	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14854

ORGAN AND ACCOUNTABLE SITE STATUS

	Acinus	Atrophy	Moderate
Stomach			
Note: STOMACH-SOME RBC'S ON FORESTOMACH SEROSA APPEAR TO BE			
Note: ARTIFACT.			
Testes		Atrophy	Minimal
Thyroid Gland	Follicular Cel	Adenoma	
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 824	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 598
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum

OBSERVATIONS

Heart	Endothelium	Hyperplasia	Minimal
Intest Large			
Note: ULCER IN THE CECUM OR ILEUM IS NOT KNOWN, BUT ON SLIDE 12			
Note: PRIMARY LESION IS IN MESENTERY. WHETHER IT STARTED AS AN			
Note: IS BASICALLY A MESENTERIC ABSCESS.			
Note: CECUM - CAN'T IDENTIFY CECUM DUE TO AUTOLYSIS BUT			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASM TGLS 4,5-4+10			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Minimal
Note: ALV BRON CARC TGLs = 1-3			
Lymph Node	Mesenteric	Angiectasis	Marked
Mesentery	Fat	Hemorrhage	Mild
	Fat	Inflammation	Chronic, Moderate
Note: HEMORRHAGE TGLs = 2-11+12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 824	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 598
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14855

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 3-11+12			
Nose		Inflammation	Suppurative, Minimal
Stomach	Forestomach	Squamous Cell Papilloma	
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 825	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Brain	Epididymis	Esophagus
Harderian Gland	Kidney	Lymph Node - Mandibular	Parathyroid Gland
Salivary Glands	Skin	Thyroid Gland	
MISSING			
Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland	Thymus
AUTO PRECLUDES DIAG.			
Adrenal Gland - Medulla	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mesenteric	Pancreas	Pituitary Gland	Prostate
Seminal Vesicle	Spleen	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Moderate
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 2-3			
Nose		Inflammation	Suppurative, Minimal
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 1-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 826	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 610
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Intestine Large - Rectum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mediastinal	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Mammary Gland	Pituitary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Trachea

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Brain		Histiocytic Sarcoma	
Harderian Gland		Adenoma	
Heart		Mineralization	Minimal
Kidney		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7-5			
Liver		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
		Necrosis	Moderate
Note: HEPATOCLR CARC TGLs = 5,6-4+10			
Note: [HISTIO SARC] TGLs = 4-4+10			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hemorrhage	Minimal
		Histiocytic Sarcoma	
Note: HEMORRHAGE TGLs = 2-3			
Note: ALV BRON CARC TGLs = 1-3			
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Spleen		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 826	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 610
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14857

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HISTIO SARC] TGLs = 3-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
Note: PIGMENT TGLs = 8-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 827	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mediastinal	Pancreas	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
MISSING			
Lymph Node - Bronchial			
OBSERVATIONS			
Harderian Gland		Hyperplasia	Marked
Liver	Centrilobular	Degeneration	Fatty, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mesenteric	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 828	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Eye	Cornea	Inflammation	Chronic, Moderate
Note: INVOLVED AND WAS A PREVIOUS DIAGNOSIS.			
Note: INFLAMMATION TGLs = 1-10			
Note: EYE-SEVERE PANOPHTHALMITIS, USED CORNEA TOO SINCE IT IS			
Harderian Gland	Bilateral	Adenoma	
Note: ADENOMA TGLs = 2-10			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mandibular	Hyperplasia	Moderate
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 829	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Moderate
Note: HEMORRHAGE TGLs = 1-3			
Parathyroid Gland		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 830	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thyroid Gland	Urinary Bladder	

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1,4-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 5-4+10			
Lung		Alveolar/Bronchiolar Carcinoma	
	Mediastinum	Hemangiosarcoma	Metastatic (Heart)
		Hemangiosarcoma	Metastatic (Heart)
Note: ALV BRON CARC TGLs = 3-3			
Note: HEMANGIOSARC TGLs = 2-3			
Lymph Node	Mesenteric	Congestion	Mild
Note: CONGESTION TGLs = 7-6			
Pancreas	Acinus	Focal Cellular Change	Minimal
Stomach	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 6-8			
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 830	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14861

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 831	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 474
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mediastinal	Mammary Gland	Pituitary Gland

OBSERVATIONS

Brain		Glioma Malignant	
Note: A PITUITARY TUMOR. CANNOT IDENTIFY PITUITARY TISSUE. TUMOR			
Note: GLIOMA MAL TGLs = 4-1+8			
Note: BRAIN- TUMOR IS IN AREA OF PITUITARY BUT NOT COMPATIBLE WITH			
Note: PALISADES & GIANT NUCLEI AND ENDOTHELIAL PROMINENCES THAT			
Note: ORIGIN MAY BE NERVE OR PARS NERVOSA BUT CANNOT TELL. HAS			
Note: SOME GLIOBLASTOMA MULTIFORM CHARACTERISTICS OF NECROSIS,			
Note: DIAGNOSIS ISN'T AVAILABLE. SOME OLIGO CHARACTERISTICS.			
Eye	Cornea	Hyperplasia	Moderate
	Cornea	Inflammation	Chronic, Moderate
Note: EYE- SMALL CORNEAL ULCER PLUS PMN'S IN THE CHRONIC LESION			
Note: INFLAMMATION TGLs = 1-11			
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 2-11			
Islets, Pancreatic		Hyperplasia	Mild
Liver		Degeneration	Fatty, Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Granulomatous, Focal, Mild
Note: HEPATOCLR ADEN TGLs = 6,7-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 831	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 474
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14862

ORGAN AND ACCOUNTABLE SITE STATUS

Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: ALV BRON ADEN TGLs = 5-3			
Stomach	Forestomach	Ulcer	Minimal
	Glandular	Ulcer	Mild
Note: ULCER TGLs = 8-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 832	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
MISSING			
Lymph Node - Bronchial	Lymph Node - Mediastinal		
OBSERVATIONS			
Harderian Gland		Hyperplasia	Mild
Liver	Centrilobular	Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR LESION TGLS 1,2-4+10+11			
Note: MASS IN MESENTERY (TGL 1) IS LIVER MASS.			
Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 833	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland

INSUFFICIENT TISSUE

Harderian Gland

OBSERVATIONS

Liver	Centrilobular	Degeneration	Fatty, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 834	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Heart	Islets, Pancreatic	Kidney
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus			

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Harderian Gland		Hyperplasia	Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal
Pancreas	Acinus	Focal Cellular Change	Minimal
Stomach			

Note: RECUT AND CHECKED BLOCK, LESION NOT SEEN. RECHECKED WET
Note: TISSUE AND FOUND NO LESION.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 835	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mediastinal
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1,2-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	
Note: HEMANGIOSARC TGLs = 6-4+10			
Note: HEPATOCLR ADEN TGLs = 5-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Minimal
Note: ALV BRON CARC TGLs = 3,4-3			
Lymph Node	Mesenteric	Congestion	Mild
	Bronchial	Hyperplasia	Mild
	Mandibular	Hyperplasia	Mild
Note: CONGESTION TGLs = 7-6			
Nose		Inflammation	Suppurative, Minimal
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 835	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14866

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 836	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 288
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Lymph Node - Bronchial
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Testes		

MISSING

Harderian Gland	Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Pancreas	Prostate	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

OBSERVATIONS

Brain		Hemorrhage	Minimal
		Mineralization	Minimal
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6-4			
Lung		Hemorrhage	Moderate
		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Mild
Note: HEMORRHAGE TGLs = 1-3			
Lymph Node	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-2+3			
Note: [HISTIO SARC] TGLs = 4-10			
Spleen			
Note: SPLEEN IS TOO AUTOLYTIC TO INTERPERT.			
Thymus		Necrosis	Moderate
Urinary Bladder		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 836	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 288
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14867

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH -

Animal Note: AUTOLYSIS INHIBITS SOME EVALUATION, BUT OVERALL GROSS AND
Animal Note: DIAGNOSIS.
Animal Note: MICROSCOPIC LESION DISTRIBUTION AND CHARACTER ALLOWS SOME

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 837	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 251
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Eye	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Harderian Gland	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 7-4			
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-5			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-6			
[Lymphoma Malignant Lymphocytic TGLS = 2-7]			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	
Seminal Vesicle		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 837	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 251
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14868

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 4-4		
Thymus		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 6-10		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 838	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Larynx	Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Eye	Cornea	Hyperplasia	Minimal
	Cornea	Inflammation	Chronic, Mild
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 1,2-13			
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN & EOSIN FOCUS TGL 3,4,5-4+10			
Note: [HEPATOCLR CARC] TGLs = 6-11			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 8,9-3			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 7-6			
Mesentery	Fat	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 838	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14869

ORGAN AND ACCOUNTABLE SITE STATUS

	Fat	Inflammation	Chronic, Mild
Note: [ANGIECTASIS] TGLs = 10-12			
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Squamous Cell Papilloma	
Note: [SQ CL PAPILLOM] TGLs = 11-8			
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 839	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 470
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Skin	Testes

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Brain	Mineralization	Minimal
Harderian Gland	Adenoma	
Kidney	Inflammation	Suppurative, Mild
Lung	Alveolar/Bronchiolar Adenoma	

Note: ALTHOUGH SEVERELY AUTOLYZED SOME DIAGNOSIS CAN BE MADE ON
Note: ALV BRON ADEN TGLs = 3-3
Note: CELL PATTERNS AND SCATTERED CELLS THAT ARE SOMEWHAT INTACT.
Note: LUNG-TGL'DUE PROBABLY TO CONGESTION BUT I'M NOT CONSIDERING
Note: ESPECIALLY ONE SO AUTOLYZED. ONLY ONE WAS SEEN IN
Note: IT DIAGNOSABLY IMPORTANT IN A CHRONIC STUDY EARLY DEATH,
Note: DIAPHRAGMATIC LOBE.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 840	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Brain		Histiocytic Sarcoma	
Eye	Cornea	Inflammation	Chronic, Minimal
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 4-10			
Heart		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-4			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Moderate
Note: [HISTIO SARC] TGLs = 7,8-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Histiocytic Sarcoma	
Note: LOBE NOT LEFT LOBE.			
Note: ALV BRON CARC TGLs = 3-3			
Note: LUNG - LUNG MASS (TGL 3) APPEAR TO BE ON DIAPHRAGMATIC			
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 840	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14871

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6-6			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Skin		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-11			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal
	Glandular	Ulcer	Minimal
Note: ULCER TGLs = 9-8			
Thymus		Histiocytic Sarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 841	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 474
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Larynx	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 3-11			
Islets, Pancreatic		Hyperplasia	Mild
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Moderate
Note: HEPATOCLR CARC TGLs = 5-4			
Note: HEPATOCLR ADEN TGLs = 4,6-10+4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: LUNG BORDERLINE CARCINOMAS			
Note: ALV BRON CARC TGLs = 7-3			
Skin	Sebaceous Gl	Adenoma	
Note: ADENOMA TGLs = 1-12			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 842	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland	Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 7-9			
Heart		Hemangiosarcoma	
Intestine Small	Jejunum	Carcinoma	
Note: [CARCINOMA] TGLs = 8-13			
Kidney		Nephropathy	Minimal
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASMS TGLS 3,4,5,6-4+10+11+12			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hemangiosarcoma	Metastatic (Heart)
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [HYPERPLASIA] TGLs = 2-3			
Note: [ALV BRON CARC] TGLs = 1-3			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 842	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 14873

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mesenteric	Congestion	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Moderate
Note: [CONGESTION] TGLs = 9-6			
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 843	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 573
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Histiocytic Sarcoma	
Bone Marrow		Histiocytic Sarcoma	
Brain		Histiocytic Sarcoma	
Harderian Gland	Bilateral	Adenoma	
Note: ADENOMA TGLs = 4-11			
Heart		Histiocytic Sarcoma	
Kidney	Renal Tubule	Adenoma	
		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Moderate
Note: [HISTIO SARC] TGLs = 1,6-4			
Lung		Hemorrhage	Minimal
		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Minimal
Note: HEMORRHAGE TGLs = 2-3			
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 843	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 573
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14874

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 3,7-3+2+7+10			
Mesentery	Fat	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-12			
Nose		Histiocytic Sarcoma	
Spleen		Histiocytic Sarcoma	
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
	Glandular	Ulcer	Minimal
Note: PIGMENT TGLs = 8-8			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 844	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Mammary Gland

INSUFFICIENT TISSUE

Harderian Gland

OBSERVATIONS

Brain	Mineralization	Minimal
Kidney	Nephropathy	Minimal
Liver	Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-10		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 845	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 582
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Hypertrophy	Minimal
Eye	Lens	Degeneration	Moderate
	Cornea	Inflammation	Chronic, Marked
Harderian Gland		Adenocarcinoma	
		Adenoma	
Note: [ADENOCARC] TGLs = 3-10			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 2-4			
Kidney		Hemangiosarcoma	Metastatic (Heart)
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 5-4			
Note: [HEMANGIOSARC] TGLs = 4-4			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
		Hemangiosarcoma	Metastatic (Heart)
	Alveolar Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 845	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 582
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14876

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMANGIOSARC] TGLs = 1,6-3			
Lymph Node	Mesenteric	Congestion	Marked
	Mandibular	Hyperplasia	Mild
Note: [CONGESTION] TGLs = 7-6			
Nose		Inflammation	Suppurative, Minimal
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 846	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14877

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 847	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 639
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mediastinal	Mammary Gland	Thymus

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Jejunum	Larynx

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 3-9+12			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 7-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: [HEMANGIOSARC] TGLs = 4-4+10+11			
Note: [HEPATOCLR ADEN] TGLs = 5,8-4+11			
Note: [HEPATOCLR CARC] TGLs = 8-11			
Lung		Alveolar/Bronchiolar Carcinoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: [ALV BRON CARC] TGLs = 1-3			
Note: [HEMANGIOSARC] TGLs = 2-3			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Note: METASTATIC HEMANGIOSARCOMA			
Note: NOSE - HEMORRHAGE IS FROM LUNG HEMORRHAGE DUE TO			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 847	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 639
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14878

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 6-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 848	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 371
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Adrenal Gland - Medulla	Lymph Node - Bronchial	Mammary Gland	Thymus

OBSERVATIONS

Brain			
Note: TGL 2 & 4 ARE THE RESULT OF THE PITUITARY TUMOR AS IS			
Note: PROBABLY THE SKULL BONE (TGL 1).			
Lung		Alveolar/Bronchiolar Adenoma	
Nose	Olfactory Epi	Atrophy	Mild
Pituitary Gland	Pars Intermed	Adenoma	
Note: ADENOMA TGLs = 1,2,3,4-1+8			
Spleen		Depletion Lymphoid	Mild
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Minimal
Note: [PIGMENT] TGLs = 5-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 849	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Mild
Eye	Cornea	Hyperplasia	Moderate
	Cornea	Inflammation	Chronic, Moderate
Note: [INFLAMMATION] TGLs = 7-13			
Gallbladder		Hyperplasia	Marked
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 8-13			
Intestine Small	Jejunum	Carcinoma	
Note: SMALL INTESTINE - RECUTS SHOW MUSCULAR INVASION.			
Note: [CARCINOMA] TGLs = 9-6			
Islets, Pancreatic		Hyperplasia	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-10			
Note: [HEPATOCLR ADEN] TGLs = 2,3-11			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 4-3			
Lymph Node	Mesenteric	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 849	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14880

ORGAN AND ACCOUNTABLE SITE STATUS

	Mandibular	Hyperplasia	Mild
Skin		Inflammation	Chronic, Marked
Note: [INFLAMMATION] TGLs = 6-12			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 850	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mediastinal	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Bone	Osteopetrosis	Minimal
Note: OSTEOPETROSIS TGLs = 10-10		
Harderian Gland	Hyperplasia	Mild
Liver	Eosinophilic Focus	
	Hematopoietic Cell Proliferation	Mild
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 5-11+4		
Note: HEPATOCLR ADEN TGLs = 5-11		
Note: LIVER - SL. 4 ALSO HAS MEDIAN LOBE MASS WHICH LOOKS LIKE		
Note: THAT ON SLIDE 11. NO IDENTIFIABLE LEFT LOBE MASS IS		
Note: PRESENT OR CAN BE POSITIVELY IDENTIFIED. SHOULDN'T BE		
Note: ON SLIDE 11 BECAUSE IANR SAYS THOSE ARE TGL 5 ON		
Note: MEDIAN LOBE. CAN'T IDENTIFY LEFT LOBE IN WET TISSUE.		
Lung	Alveolar/Bronchiolar Adenoma	Multiple
Note: LUNG - COULDN'T FIND TGL 9 ON RECUT OF LUNG.		
Note: ALV BRON ADEN TGLs = 7,8-3		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 850	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14881

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mesenteric	Congestion	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: CONGESTION TGLs = 11-12			
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-13			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 3-4			
Thymus		Necrosis	Mild
Thyroid Gland	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 851	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland

INSUFFICIENT TISSUE

Lymph Node - Mandibular

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-4			
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1,2-10			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 852	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 652
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Urinary Bladder			

MISSING

Parathyroid Gland	Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 3-9+10			
Heart		Adenocarcinoma	Metastatic (Lung)
		Hemangiosarcoma	
Note: ALCIAN BLUE/PAS WAS POSITIVE THEREFORE HEART TUMOR			
Note: WAS PROBABLY METASTATIC LUNG TUMOR.			
Kidney		Adenocarcinoma	Metastatic (Lung)
		Nephropathy	Minimal
Note: KIDNEY - TINY METASTATIC FOCI IN KIDNEY MOST LIKELY ARE			
Note: FROM LUNG BASED ON LUNG TUMORS BEHAVIOR ELSEWHERE.			
Liver		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 4-4			
Lung	Mediastinum	Adenocarcinoma	Metastatic (Lung)
		Adenocarcinoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 2-3			
Note: MASS. MORPHOLOGY & BEHAVIOR IS SIMILAR TO OTHER			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 852	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 652
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14883

ORGAN AND ACCOUNTABLE SITE STATUS

Note: "ADENOCARCINOMAS"			
Note: [ADENOCARC] TGLs = 1-3			
Note: ALCIAN BLUE/PAS WAS POSITIVE ESPECIALLY IN MEDIASTINAL			
Lymph Node	Bronchial	Adenocarcinoma	Metastatic (Lung)
	Mediastinal	Hyperplasia	Mild
Prostate		Hyperplasia	Marked
Skeletal Muscle		Adenocarcinoma	Metastatic (Lung)
Note: ALCIAN BLUE/PAS WAS POSITIVE (AND PTAH STAIN WAS			
Note: NEGATIVE FOR SKELETAL MUSCLE STRIATIONS) THEREFORE			
Note: PROBABLY A METASTATIC LUNG TUMOR.			
Note: [ADENOCARC] TGLs = 5-11			
Spleen		Hematopoietic Cell Proliferation	Minimal
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 853	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 530
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum

OBSERVATIONS

Harderian Gland		Hyperplasia	Mild
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-4			
Note: LIVER- ONE PARTIAL SECTION OF AN ADENOMA BY MEDIAN LOBE HAD			
Note: DILATED VASCULAR SPACES AND MAY HAVE BEEN DARK. RE-EXAMINED			
Note: BLOCK AND RECUT DIDN'T SEEM TO BE PRODUCTIVE.			
Lung	Alveolar Epith	Hyperplasia	Marked
Note: LUNG- LESION IS CLOSE TO BEING AN ADENOMA.			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Nose		Inflammation	Suppurative, Minimal
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-10			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-4			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 4-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 853	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 530
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14884

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Necrosis	Mild
Thyroid Gland	Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 854	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 583
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1,2,3-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Mild
Note: HEPATOCLR CARC TGLs = 5-11			
Note: HEMANGIOSARC TGLs = 6-4+10+11			
Note: HEPATOCLR ADEN TGLs = 4-4+11			
Lung	Mediastinum	Hemangiosarcoma	Metastatic (Heart)
	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 855	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 495
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Mammary Gland	Thymus		
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Stomach - Glandular			

OBSERVATIONS			
Harderian Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 2-9+10			
Heart	Endothelium	Hyperplasia	Minimal
Kidney		Adenocarcinoma	Metastatic (Harderian Gland)
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-4			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
Note: ADENOCARC TGLs = 1-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 856	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 519
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Heart		Hemangiosarcoma	
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
Note: HEPATOCLR CARC TGLs = 1,2-4+10+11			
Lung	Alveolar Epith	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 857	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urethra	Urinary Bladder	

MISSING

Lymph Node - Mediastinal	Mammary Gland	Thymus

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Ileum	Intestine Small - Jejunum

OBSERVATIONS

Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 3-10			
Kidney		Hemangiosarcoma	Metastatic (Heart)
Liver		Developmental Malformation	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: [DEVELOP MALFOR] TGLs = 6-11			
Note: [HEPATOCLR CARC] TGLs = 5-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON ADEN] TGLs = 1,2-3			
Spleen		Hematopoietic Cell Proliferation	Mild
Urethra			
Note: URETHRA - A "NORMAL" SEMINAL PLUG IS PRESENT IN			
Note: URETHRA WHICH IS OTHERWISE ALSO NORMAL.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 857	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14888

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 858	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Mammary Gland	Thymus

OBSERVATIONS

Bone			
Note: MISSED.			
Note: BONE-RECHECKED WET TISSUE & BLOCK AND SAW NO LESION THAT WAS			
Brain		Histiocytic Sarcoma	
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Kidney		Cyst	
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-11			
Mesentery	Fat	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6-12			
Pancreas	Acinus	Histiocytic Sarcoma	
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 858	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14889

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Atrophy	Minimal
	Hemorrhage	Mild

Note: HEMORRHAGE TGLs = 5-7

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 859	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 481
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR ADEN TGLs = 3-4		
Note: HEPATOCLR CARC TGLs = 1,2-10+4		
Lung	Alveolar/Bronchiolar Adenoma	
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 860	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 692
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Salivary Glands	Spleen	Stomach - Glandular
Testes	Thyroid Gland		

MISSING

Mammary Gland	Parathyroid Gland	Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Brain		Mineralization	Mild
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Kidney		Inflammation	Suppurative, Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASMS TGLS 4,5-4+11			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 1,6-3			
Penis		Inflammation	Suppurative, Mild
Preputial Gland		Carcinoma	
Prostate		Inflammation	Suppurative, Mild
Seminal Vesicle		Inflammation	Suppurative, Mild
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 2-10			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: IS AN OUTPOUCHING OF GLANDULAR MUCOSA NEAR THE GLANDULAR			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 860	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 692
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14891

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SQUAMOUS JUNCTION AND SQUAMOUS EPITHELIUM ON BOTH SIDES.		
Note: NOT CONSIDERED A LESION.		
Note: STOMACH CUT OR A DEVELOPMENTAL MALFORMATION WHERE THERE		
Note: GLANDULAR STOMACH - THERE MAY BE AN ODD GLANDULAR		
Note: [SQ CL PAPILLOM] TGLs = 7-8		
Trachea	Inflammation	Suppurative, Minimal
Urethra	Inflammation	Suppurative, Mild
Urinary Bladder	Dilatation	Moderate
Note: [DILATATION] TGLs = 3-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 861	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Heart	Islets, Pancreatic	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Pancreas	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	

MISSING

Eye	Lymph Node - Bronchial

OBSERVATIONS

Harderian Gland	Bilateral	Adenoma	
Note: TGL 1 IS GLAND, NOT EYE. ASSUMING THE RIGHT HARDERIAN			
Note: ADENOMA TGLs = 1-9+11			
Note: WAS REMOVED "IN TOTO" THEN THERE IS ALSO AN ADENOMA IN			
Note: SIDE (SLIDE 9) AND IS PROBABALY THE ONE ON SLIDE 11.			
Note: THE LEFT GLAND SINCE THERE IS ABSENCE OF A GLAND ON ONE			
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Mild
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 2-10			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mandibular	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 862	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Islets, Pancreatic	Kidney
Lymph Node - Bronchial	Lymph Node - Mesenteric	Spleen	Stomach - Glandular
Testes	Thymus		
MISSING			
Lymph Node - Mandibular	Lymph Node - Mediastinal		
OBSERVATIONS			
Harderian Gland		Adenoma	
Liver	Centrilobular	Degeneration	Fatty, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-3]			
Pancreas	Acinus	Focal Cellular Change	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 863	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 351
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Heart	Lymph Node - Mandibular
Lymph Node - Mediastinal	Nose	Pituitary Gland	Skin
Stomach - Forestomach	Testes	Thymus	

MISSING

Gallbladder	Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mesenteric
Pancreas	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
Note: TUMOR HAS LARGE AREAS OF HEMORRHAGE.		
Note: HEPATOCLR NEOPLASMS TGLS 1,2,3,4-4+10		
Lung	Alveolar/Bronchiolar Adenoma	
Note: STRUCTURE IS PRESENT TO CALL A PRIMARY LUNG TUMOR.		
Note: SEVERE AUTOLYSIS COMPROMISES EVALUATION, HOWEVER, ENOUGH		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 864	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Bone Marrow	Hyperplasia	Mild
Note: HYPERPLASIA APPEARS GRANULOCYTIC.		
Brain	Mineralization	Minimal
Thyroid Gland	Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 865	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mediastinal	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Epididymis			
Note: EPIDIDYMIS - TGL 9 IS IN MESENTERIC FAT.			
Harderian Gland	Bilateral	Adenoma	
Note: ADENOMA TGLs = 6-17			
Intest Large			
Note: LARGE INTESTINE - TGL 7 IS IN SKIN AROUND ANUS.			
Intestine Small	Jejunum, Peyers Patch	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 12-16			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 2,3-11+13+4			
Note: HEPATOCLR ADEN TGLs = 4-12			
Lung	Alveolar Epith	Hyperplasia	Mild
Note: MAY BE LIVER CELLS CAN'T TELL FOR SURE.			
Note: HYPERPLASIA TGLs = 5-3			
Note: LUNG - APICAL LOBE HAS ONE TINY EMBOLUS OF TUMOR CELLS,			
Lymph Node	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 865	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14896

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 11-6			
Mesentery	Fat	Hemangiosarcoma	Metastatic (Spleen)
	Fat	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 9-15			
Note: HEMANGIOSARC TGLs = 10-18			
Skin		Acanthosis	Mild
	Sebaceous Gl	Hyperplasia	Mild
Note: ACANTHOSIS TGLs = 7-14			
Spleen		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-4+10			
Testes		Angiectasis	Mild
		Atrophy	Minimal
Note: ANGIECTASIS TGLs = 8-7			
Thymus		Necrosis	Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 866	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 529
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Colon	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Medulla	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Seminal Vesicle	

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
		Hyperplasia	Mild
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-4			
Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Moderate
Note: HEPATOCLR CARC TGLs = 1,5-10+11+4			
Lung		Alveolar/Bronchiolar Carcinoma	
		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Carcinoma	Metastatic (Liver)
Note: ALV BRON CARC TGLs = 4-3			
Note: HEMANGIOSARC TGLs = 3-3			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 866	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 529
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14897

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 867	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart	Islets, Pancreatic	Kidney	Lymph Node - Mesenteric
Pancreas	Spleen	Testes	Thymus

MISSING

Eye	Lymph Node - Mandibular	Lymph Node - Mediastinal

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW APPEARS GRANULOCYTIC.			
Harderian Gland		Adenoma	
		Hyperplasia	Minimal
Note: ADENOMA TGLs = 4-13			
Liver	Centrilobular	Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 2,3-11			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 1-3			
Lymph Node	Bronchial	Hyperplasia	Mild
		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 5-10			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Forestomach	Squamous Cell Carcinoma	
	Glandular	Ulcer	Mild
Note: SQUAM CEL CARC TGLs = 6-12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 868	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lymph Node - Bronchial	Lymph Node - Mediastinal	Pancreas
Stomach - Glandular	Testes		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Mast Cell Tumor Nos	
Note: SKULL BONES AND AROUND TEETH.			
Note: MAST CELL INFILTRTAE IS MORE PROMINENT IN MARROW OF			
Harderian Gland		Hyperplasia	Mild
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-4			
Kidney		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Liver	Centrilobular	Degeneration	Fatty, Mild
		Hepatocellular Adenoma	
		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: HEPATOCLR ADEN TGLs = 1-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 3-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
Spleen		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Stomach	Forestomach	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Thymus		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: T-BLUE SPECIAL STAIN POSITIVE THEREFORE HAVE			
Note: THYMIC MAST CELL TUMOR.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 869	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Harderian Gland	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mediastinal	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mesenteric

OBSERVATIONS

Heart	Endothelium	Hyperplasia	Mild
Liver		Mineralization	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node			
Note: SUB-Q LYMPHNODE HAS SOME HEMOSIDERIN BUT IS CONSIDERED			
Note: WITHIN NORMAL LIMITS.			
Pancreas	Acinus	Focal Cellular Change	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 870	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Harderian Gland	Lymph Node - Mediastinal	Mammary Gland	
OBSERVATIONS			
Islets, Pancreatic		Hyperplasia	Minimal
Liver	Centrilobular	Degeneration	Fatty, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1001	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Blood	Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Bone Marrow		Atrophy	Marked
Note: ATROPHY TGLs = 5-9			
Note: ATROPHY CONSISTENT WITH ANEMIA, COD COULD BE COMBINATION			
Note: OF MYOCARDIAL NECROSIS AND ANEMIA. MAY ACCOUNT FOR TGL 5			
Heart		Mineralization	Mild
	Atrium	Thrombosis	Mild
Note: MINERALIZATION TGLs = 1-4			
Liver	Centrilobular	Necrosis	Mild
Note: NECROSIS TGLs = 2-4			
Lymph Node	Mandibular	Hyperplasia	Histiocytic, Marked
	Mesenteric	Hyperplasia	Histiocytic, Marked
Note: HYPERPLASIA TGLs = 7-6			
Note: HYPERPLASIA TGLs = 6-7			
Spleen		Hyperplasia	Histiocytic, Mild
Testes		Atrophy	Mild
Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1002	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 395
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lung	Lymph Node - Mandibular	Nose
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

MISSING

Intestine Small - Duodenum	Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland
Parathyroid Gland			

OBSERVATIONS

Blood Vessel		Mineralization	Moderate
Note: BLOOD VESSELS = PULMONARY, AORTA, RENAL			
Bone Marrow		Atrophy	Moderate
Coagulating Gland		Inflammation	Suppurative, Mild
Harderian Gland	Bilateral	Adenoma	
Note: ONE ADENOMA HAS SOME MITOTIC FIGURES AND AREAS OF			
Note: ANAPLASIA, BUT NOT ENOUGH FOR CARCINOMA YET.			
Note: ADENOMA TGLs = 6-13			
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Necrosis	Marked
Note: NECROSIS TGLs = 2-11			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Mild
Note: MINERALIZATION TGLs = 5-5			
Liver		Hepatocellular Adenoma	
		Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 4-10			
Lymph Node	Mesenteric	Inflammation	Moderate
Note: [INFLAMMATION] TGLs = 1-6			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1002	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 395
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14653

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION IS SUBACUTE TO CHRONIC, NECROTIC DEBRIS AND			
Note: MIXED INFLAMMATORY CELLS.			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 3-12			
Pancreas	Acinus	Focal Cellular Change	Mild
	Acinus	Inflammation	Chronic, Minimal
Spleen		Depletion Lymphoid	Moderate
		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Squamous Cell Papilloma	
	Forestomach	Ulcer	Minimal
Note: SQ CL PAPILLOM TGLs = 7-8			
Thymus		Necrosis	Mild
Urinary Bladder		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1003	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Harderian Gland	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
INSUFFICIENT TISSUE			
Mammary Gland			
OBSERVATIONS			
Bone Marrow		Atrophy	Mild
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
Stomach	Forestomach	Squamous Cell Papilloma	
	Glandular	Ulcer	Minimal
Note: SQ CL PAPILLOM TGLs = 1-8			
Testes		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1004	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: BONE MARRROW APPEARS GRANULOCYTIC.			
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Heart	Endothelium	Hyperplasia	Minimal
Liver	Centrilobular	Degeneration	Fatty, Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1-10			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: EPITHELIA HYPERPLASTIC FOCI IN AZYGOUS LOBE, CARDIAC LOBE,			
Note: HYPERPLASIA TGLs = 2-3			
Note: QUESTIONABLE.			
Note: SMALL A\B ADENOMA ON LEFT LOBE AND AZYGOUS LOBE. ALVEOLAR			
Note: LEFT LOBE. RECUTS SHOW NEW TINY FOCUS OF HYPERPLASIA IN			
Note: APICAL LOBE THAT MAY HAVE BEEN VISIBLE GROSSLY BUT			
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1004	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14655

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1005	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW APPEARS GRANULOCYTIC.			
Kidney		Adenoma	
		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATCLR LESION TGLS 3-4+12			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
Note: ALV BRON ADEN TGLs = 4-3			
Note: ALV BRON CARC TGLs = 1-3			
Note: TENDENCY TO SPINDLE.			
Note: LUNG CARCINOMA HAS VERY ANAPLASTIC HUGE CELLS AND A			
Lymph Node	Mediastinal	Hematopoietic Cell Proliferation	Minimal
Mesentery	Fat	Inflammation	Chronic, Moderate
	Fat	Squamous Cell Carcinoma	Metastatic (Stomach)
Pituitary Gland	Pars Distalis	Cyst	
Skeletal Muscle	Diaphragm	Squamous Cell Carcinoma	Metastatic (Stomach)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1005	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14656

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Squamous Cell Carcinoma	
	Glandular	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: SQUAM CEL CARC TGLs = 5-8			
Testes		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1006	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 352
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Atrophy	Minimal
		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Epididymis		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-5			
Liver	Centrilobular	Degeneration	Fatty, Minimal
		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant Lymphocytic	
Note: DEGEN TGLs = 4-4			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-10			
Note: LYMPH MAL LYMP TGLs = 2-2			
Nose		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1006	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 352
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14657

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 3-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 6-8			
Testes		Atrophy	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1007	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 212
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Larynx	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Testes	Urinary Bladder		

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Ileum	Intestine Small - Jejunum

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow			Lymphoma Malignant Lymphocytic	
Heart			Lymphoma Malignant Lymphocytic	
Note: HEART HAS APPARENT TERMINAL BACTEREMIA (GRAM POSITIVE COCI				
Note: IN COLONIES.				
Kidney			Lymphoma Malignant Lymphocytic	
Liver			Lymphoma Malignant Lymphocytic	
Lung			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 7-3			
Lymph Node		Bronchial	Lymphoma Malignant Lymphocytic	
		Mandibular	Lymphoma Malignant Lymphocytic	
		Mediastinal	Lymphoma Malignant Lymphocytic	
		Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 6-2			
Spleen			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 1-4			
Stomach		Forestomach	Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1007	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 212
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14658

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular	Lymphoma Malignant Lymphocytic	
Note: HEMORRHAGE TGLs = 2-8			
Note: LYMPH MAL LYMP TGLs = 3-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4,5-2			
Thyroid Gland		Lymphoma Malignant Lymphocytic	
Trachea		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1008	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 174
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Larynx	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Bone Marrow		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
Note: MARROW IS DEPLETED BUT RESIDUAL CELLS ARE UNIFORM AND			
Note: LYMPHOMA CELLS ARE IN TISSUES AROUND STERNUM.			
Brain		Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 8-1			
Harderian Gland		Hyperplasia	Mild
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-5			
Liver	Centrilobular	Degeneration	Fatty, Moderate
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-4			
Note: LESION IS PRIMARILY CENTRILOBULAR.			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6-6			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1008	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 174
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14659

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CAN'T SEE SEPARATE TISSUES MICROSCOPICALLY,			
Note: ASSUMED IT WAS PRESENT.			
Note: LYMPH MAL LYMP TGLs = 5-2			
Note: MEDIASTINAL LYMPHNODE MAY BE IN WITH THYMIC LESION -			
Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Squamous, Minimal
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 9-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1009	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 297
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum

INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Bone Marrow		Atrophy	Mild
Heart		Mineralization	Minimal
Mesentery	Fat	Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 2-10			
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 3,4-8			
Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1010	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 236
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland

AUTO PRECLUDES DIAG.

Epididymis	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Prostate	Salivary Glands	Trachea	

INSUFFICIENT TISSUE

Harderian Gland

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
Heart		Mineralization	Mild
Note: HEART HAS BACTERIAL COLONIES GRAM POS COCCI.			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-6			
Note: LYMPH MAL LYMP TGLs = 1-7			
Seminal Vesicle		Lymphoma Malignant Lymphocytic	
Testes		Atrophy	Mild
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1011	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 239
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Harderian Gland	Mammary Gland	Seminal Vesicle

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
		Lymphoma Malignant Lymphocytic	
Note: ATROPHY TGLs = 1-9			
Note: BONE MARROW ATROPHY MAY ACCOUNT FOR TGL 1.			
Heart		Mineralization	Minimal
Kidney	Pelvis	Hyperplasia	Mild
	Pelvis	Mineralization	Minimal
Note: NEITHER DIAGNOSIS PROBABLY ACCONTS FOR TGL 6.			
Liver		Mineralization	Minimal
		Necrosis	Mild
Note: NECROSIS TGLs = 2-4			
Note: MINERAL IN NECROTIC FOCI.			
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Mandibular	Mineralization	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1011	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 239
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14662

ORGAN AND ACCOUNTABLE SITE STATUS

	Mandibular	Necrosis	Moderate
Note: LYMPH MAL LYMP TGLs = 9-2			
Note: LYMPH MAL LYMP TGLs = 5-6			
Note: LYMPH MAL LYMP TGLs = 8-10			
Note: LYMPH MAL LYMP TGLs = 7-7			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Histiocytic, Moderate
		Mineralization	Mild
		Necrosis	Mild
Note: HEMA CELL PROL TGLs = 4-4			
Note: NECROSIS TGLs = 3-4			
Note: MINERAL IN NECROTIC FOCI.			
Note: HYPERPLASIA TGLs = 4-4			
Thymus		Lymphoma Malignant Lymphocytic	
Note: THYMUS IS SMALL.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1012	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW APPEARS GRANULOCYTIC.			
Heart		Hemangiosarcoma	
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL TGLs = 3-3			
Note: HYPERPLASIA TGLs = 4-3			
Note: RECUTS DONE TO GET POSSIBLE TGL CORRELATIONS.			
Mesentery	Fat	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 1-10			
Stomach	Forestomach	Squamous Cell Carcinoma	
	Forestomach	Ulcer	Mild
Note: SQUAM CEL CARC TGLs = 2-8			
Testes		Atrophy	Mild
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1013	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 286
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Larynx	Nose
Pancreas	Prostate	Salivary Glands	Seminal Vesicle
Skin	Testes	Trachea	Urinary Bladder

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Ileum

INSUFFICIENT TISSUE

Intestine Small - Jejunum	Stomach - Glandular

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic
Brain		Lymphoma Malignant Lymphocytic
Heart		Lymphoma Malignant Lymphocytic
Kidney		Lymphoma Malignant Lymphocytic
Liver		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 7-4		
Lung		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 8-3		
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic
	Mandibular	Lymphoma Malignant Lymphocytic
	Mediastinal	Lymphoma Malignant Lymphocytic
	Mesenteric	Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 2-3		
Note: LYMPH MAL LYMP TGLs = 3-10		
Parathyroid Gland		Lymphoma Malignant Lymphocytic
Pituitary Gland		Lymphoma Malignant Lymphocytic
Spleen		Lymphoma Malignant Lymphocytic

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1013	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 286
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14664

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 6-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 5-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1,4-10			
Thyroid Gland		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1014	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 188
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Harderian Gland	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: THORACIC MASS.			
Note: ASSUMED BRONCHIAL AND MESENTERIC LYMPH NODE ARE IN			
Note: LYMPH MAL LYMP TGLs = 5-7			
Note: LYMPH MAL LYMP TGLs = 1-6			
Note: LYMPH MAL LYMP TGLs = 4-3			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 6-8			
Testes		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1014	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 188
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14665

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 2-3+10	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1015	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 291
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Mesenteric	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Harderian Gland	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Note: NO SECOND SECTION OF HEART IN WET TISSUE.			
Liver			
Note: GREY FOCUS (TGL 2) MAY BE A RIM OF AUTOLYTIC TISSUE.			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Nose	Olfactory Epi	Atrophy	Moderate
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Minimal
Note: PRESENT IN MIDDLESECTION OF OLFACTORY REGION: MEDIAL			
Note: INFLAMMATION IS IN POSTERIOR SECTION: DEGENERATION			
Note: (ATROPHY) IS MIDDLE AND POSTERIOR SECTION. EPITHELIUM			
Note: SURFACE OF ETHMOID TURBINATES INVOLVED NERVE ATROPHY.			
Note: REDUCED TO 1-2 LAYERS OF CELLS AND SQUAMOUS METAPLASIA IS			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1015	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 291
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14666

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-8			
Testes		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1016	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 243
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Harderian Gland	Mammary Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow			Lymphoma Malignant Lymphocytic	
Gallbladder			Lymphoma Malignant Lymphocytic	
Kidney			Lymphoma Malignant Lymphocytic	
		Renal Tubule	Mineralization	Minimal
Note: LYMPH MAL LYMP	TGLs = 3-5			
Liver			Lymphoma Malignant Lymphocytic	
Lung			Lymphoma Malignant Lymphocytic	
Lymph Node		Axillary	Lymphoma Malignant Lymphocytic	
		Bronchial	Lymphoma Malignant Lymphocytic	
		Mandibular	Lymphoma Malignant Lymphocytic	
		Mediastinal	Lymphoma Malignant Lymphocytic	
		Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 5-6			
Note: LYMPH MAL LYMP	TGLs = 1-7			
Note: LYMPH MAL LYMP	TGLs = 4-10			
Prostate			Lymphoma Malignant Lymphocytic	
Seminal Vesicle			Lymphoma Malignant Lymphocytic	
Spleen			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 2-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1016	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 243
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14667

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Lymphoma Malignant Lymphocytic	
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1017	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 243
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Note: BONE MARROW TGL1 MAY BE RELATED TO CROWDING OF BONE MARROW			
Note: LYMPH MAL LYMP TGLs = 1-9			
Note: BY LYMPHOMA CELLS.			
Brain		Lymphoma Malignant Lymphocytic	
Heart		Mineralization	Mild
Note: MINERALIZATION TGLs = 5-4			
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 8-5			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Mandibular	Mineralization	Mild
	Mandibular	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1017	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 243
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14668

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP	TGLs = 3-7			
Note: LYMPH MAL LYMP	TGLs = 7-10			
Note: LYMPH MAL LYMP	TGLs = 10-12			
Note: LYMPH MAL LYMP	TGLs = 9-11			
Note: LYMPH MAL LYMP	TGLs = 4-2			
Pancreas		Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands			Lymphoma Malignant Lymphocytic	
Seminal Vesicle			Lymphoma Malignant Lymphocytic	
Spleen			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 6-4			
Stomach		Forestomach	Lymphoma Malignant Lymphocytic	
Testes			Atrophy	Minimal
Thymus			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 2-2			
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1018	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 251
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Eye	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Nose	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Harderian Gland		Hyperplasia	Marked
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Lymphoma Malignant Lymphocytic	
Note: ALV BRON CARC TGLs = 5-3			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-2			
Note: LYMPH MAL LYMP TGLs = 6-6			
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spinal Cord		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1018	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 251
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14669

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 7-8

Thymus	Lymphoma Malignant Lymphocytic
Urinary Bladder	Lymphoma Malignant Lymphocytic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1019	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 268
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Parathyroid Gland	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Lymph Node - Mandibular	Mammary Gland	Prostate

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone		
Note: MARROW.		
Note: WHILE THERE MAY BE SOME INCIDENTAL BONE CHANGE, THE PRIMARY		
Note: REACTION CAUSING TGL 4 IS LYMPHOMA IN AND AROUND THE BONE		
Bone Marrow		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 4-9		
Brain		Lymphoma Malignant Lymphocytic
Kidney		Lymphoma Malignant Lymphocytic
Note: LYMPHOMA IS NOT SEVERE ENOUGH TO ACCOUNT FOR TGL 3		
Note: OF PALE.		
Liver		Lymphoma Malignant Lymphocytic
Lung		Lymphoma Malignant Lymphocytic
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic
	Mediastinal	Lymphoma Malignant Lymphocytic
	Mesenteric	Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 2-11		
Note: LYMPH MAL LYMP TGLs = 5-2		
Nose		Lymphoma Malignant Lymphocytic
Pancreas	Acinus	Lymphoma Malignant Lymphocytic

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1019	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 268
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14670

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Lymphoma Malignant Lymphocytic
Spinal Cord	Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 6-10	
Spleen	Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 1-4	
Thymus	Lymphoma Malignant Lymphocytic
Urinary Bladder	Lymphoma Malignant Lymphocytic
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1020	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 280
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Harderian Gland	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
Heart		Mineralization	Mild
Kidney	Renal Tubule	Hyperplasia	Moderate
Note: CAN SEE NO REASON FOR TGL 5-PALE			
Note: [HYPERPLASIA] TGLs = 4-5			
Liver		Necrosis	Mild
Note: BACTERIA IN NECROTIC FOCI.			
Note: FOCI OF NECROSIS SCATTERED WITH NO PARTICULAR ORIENTATION.			
Note: NECROSIS TGLs = 3-4			
Lymph Node	Mandibular	Necrosis	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Glandular	Pigmentation	Hemosiderin, Mild
	Forestomach	Ulcer	Minimal
	Glandular	Ulcer	Mild
Note: ULCER TGLs = 2-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1020	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 280
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14671

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1021	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 327
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Thyroid Gland	Trachea		
MISSING			
Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland	Thymus
AUTO PRECLUDES DIAG.			
Gallbladder			
OBSERVATIONS			
Bone Marrow		Atrophy	Marked
Harderian Gland		Hyperplasia	Moderate
Heart		Mineralization	Minimal
Liver		Necrosis	Mild
Note: NECROSIS TGLs = 2-4			
Note: BACTERIA IN FOCI OF NECROSIS.			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mandibular	Necrosis	Mild
Pharynx	Palate	Inflammation	Chronic, Moderate
Prostate		Inflammation	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Note: MANY MEGAKARYOCYTES.			
Note: HEMA CELL PROL TGLs = 3-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Testes		Atrophy	Minimal
Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1021	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 327
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14672

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: BACTERIA IN WALL OF URINARY BLADDER AND AROUND PROSTATE.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1022	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 352
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Atrophy	Mild
		Infiltration Cellular	Megakaryocyte, Mild
Harderian Gland		Adenoma	
Heart	Endothelium	Hyperplasia	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 2-3			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: [HYPERPLASIA] TGLs = 1-7			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA TGLs = 4-8			
Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1023	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 232
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Seminal Vesicle	Skin
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mediastinal	Mammary Gland

INSUFFICIENT TISSUE

Intestine Large - Rectum	Islets, Pancreatic

OBSERVATIONS

Bone Marrow		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
Note: LYMPHOMA CELLS PRIMARILY AROUND STERNAL SECTION.			
Brain		Hemorrhage	Minimal
Kidney	Pelvis	Hyperplasia	Minimal
		Lymphoma Malignant Lymphocytic	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Note: LYMPH MAL LYMP TGLs = 2-5			
Note: THERE MAY BE SOME QUESTION WHETHER THE LYMPHOMA OR			
Note: MINERALIZATION WOULD CAUSE THE PALE KIDNEYS GROSSLY.			
Note: LYMPHOMA IN MESENTERIC FAT AROUND ADRENALS.			
Liver		Necrosis	Minimal
Note: NECROSIS TGLs = 1-4			
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1023	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 232
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14674

ORGAN AND ACCOUNTABLE SITE STATUS

	Renal	Mineralization	Minimal
Note: LYMPH MAL LYMP TGLs = 3-5			
Prostate		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Mild
Note: PREVAILING PROMINENCE OF MEGAKARYOCYTES AND HISTIOCYTES.			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4-8			
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1024	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 161
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Nose	Pituitary Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Harderian Gland	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone		Lymphoma Malignant Lymphocytic	
Note: AS WELL AS THE VERTEBRAE FROM AROUND THE SPINAL CORD.			
Note: CORTICAL STERNAL BONE HAS BEEN ERODED BY MALIGNANT LYMPHOMA			
Bone Marrow		Atrophy	Moderate
		Lymphoma Malignant Lymphocytic	
Brain		Hemorrhage	Minimal
Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-6			
Note: LYMPH MAL LYMP TGLs = 3-12			
Note: LYMPH MAL LYMP TGLs = 1-7			
Note: LYMPH MAL LYMP TGLs = 5-2			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Seminal Vesicle		Lymphoma Malignant Lymphocytic	
Spinal Cord		Hemorrhage	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1024	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 161
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14675

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Lymphoma Malignant Lymphocytic	
Testes	Atrophy	Mild
Thymus	Lymphoma Malignant Lymphocytic	
Urinary Bladder	Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 2-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1025	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 310
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Eye	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Stomach - Glandular

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
		Necrosis	Moderate
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Minimal
Heart	Endothelium	Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-4			
Lung	Alveolar Epith	Hyperplasia	Marked
		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-8			
Testes		Atrophy	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-2			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1025	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 310
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14676

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1026	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 228
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Harderian Gland	Heart	Kidney	Nose
Parathyroid Gland	Penis	Pituitary Gland	Skin

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Medulla	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Pancreas
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow		Atrophy	Mild
Brain		Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 13-1			
Liver		Necrosis	Minimal
Note: NECROSIS DOESN'T APPEAR TO ACCOUNT FOR TGL 9.			
Lung		Hemorrhage	Mild
Lymph Node	Axillary	Lymphoma Malignant	
	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Note: LYMPH MAL TGLs = 14-6			
Note: LYMPH MAL TGLs = 11-12			
Note: LYMPH MAL TGLs = 4,10-2			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA TGLs = 7-8			
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1026	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 228
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14677

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH -

Animal Note: AUTOLYSIS PRECLUDED EVALUATION OF SEVERAL ORGANS WHERE
Animal Note: COLOR BUT TISSUES WERE SALVAGEABLE. AUTOLYSIS PRECLUDED
Animal Note: THERE IS ADEQUATE CELL DETAIL AND TYPICAL LESION
Animal Note: DISTRIBUTION ON A GROSS AND MICROSCPIC EVALUATION TO ALLOW
Animal Note: DIAGNOSIS OF LYMPHOMA.
Animal Note: TGL'S WERE NOTED. IN OTHERS, AUTOLYSIS COULD HAVE ALTERED
Animal Note: CLASSIFYING TYPE OF LYMPHOMA. ALTHOUGH AUTOLYSIS IS PRESENT

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1027	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 227
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14678

ORGAN AND ACCOUNTABLE SITE STATUS

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

OBSERVATIONS		
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic
	Mediastinal	Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 3-10		
Thymus		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 1-10		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1028	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Epididymis	Lymph Node - Bronchial	Mammary Gland

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Moderate
Heart		Mineralization	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: PERHAPS TGL-1 IS A FOCAL AREA OF POSSIBLE FORESTOMACH			
Note: HYPERPLASIA AT THE GLANDULAR/SQUAMOUS JUNCTION .			
Note: BLOCK LOOKS ALRIGHT.			
Note: HYPERPLASIA TGLs = 2-8			
Testes		Atrophy	Mild
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1029	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 370
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Harderian Gland	Heart	Islets, Pancreatic
Larynx	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Thyroid Gland
Trachea			

MISSING

Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Medulla	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Seminal Vesicle			

OBSERVATIONS

Brain			Mineralization	Minimal
Kidney			Squamous Cell Carcinoma	Metastatic (Stomach)
Liver			Necrosis	Mild
			Squamous Cell Carcinoma	Metastatic (Stomach)
Note: SQUAM CEL CARC	TGLs = 5-4			
Lung			Squamous Cell Carcinoma	Metastatic (Stomach)
Lymph Node		Bronchial	Squamous Cell Carcinoma	Metastatic (Stomach)
		Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach)
		Mesenteric	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: SQUAM CEL CARC	TGLs = 1-2			
Note: SQUAM CEL CARC	TGLs = 2-3			
Note: SQUAM CEL CARC	TGLs = 7-6			
Mesentery			Squamous Cell Carcinoma	Metastatic (Stomach)
Note: SQUAM CEL CARC	TGLs = 4-10			
Pancreas		Acinus	Squamous Cell Carcinoma	Metastatic (Stomach)
Spleen			Hematopoietic Cell Proliferation	Mild
Stomach		Forestomach	Squamous Cell Carcinoma	
		Glandular	Squamous Cell Carcinoma	Metastatic (Stomach)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1029	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 370
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14680

ORGAN AND ACCOUNTABLE SITE STATUS

Note: OTHER MIXED CELLS.		
Note: (SPINDLE) AND INFLAMMATORY REACTION, MANY GIANT CELLS AND		
Note: SQUAMOUS CELLCARCINOMA HAS INDUCED A HIGHLY SCIRRHOUS		
Note: SQUAM CEL CARC TGLs = 6-11		
Testes	Atrophy	Minimal
Thymus	Necrosis	Mild
Urinary Bladder	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: SQUAM CEL CARC TGLs = 3-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1030	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 163
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea		

MISSING

Harderian Gland	Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland
Parathyroid Gland			

OBSERVATIONS

Bone Marrow		Atrophy	Mild
		Histiocytic Sarcoma	
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Mineralization	Mild
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 2-4+10			
Note: NECROSIS TGLs = 2-10			
Lymph Node	Mandibular	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Seminal Vesicle		Histiocytic Sarcoma	
Skin	Subcut Tiss	Histiocytic Sarcoma	
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-4+10			
Testes		Atrophy	Minimal
Thymus		Necrosis	Mild
Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Mild
Note: CELL INFILTRATE COULD BE LYMPHOMA RELATED BUT NOT			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1030	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 163
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14681

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CONVINCINGLY SO.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1031	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 216
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Islets, Pancreatic	Larynx	Parathyroid Gland	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Pituitary Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
	Medulla	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Epididymis		Lymphoma Malignant Lymphocytic	
Heart		Hemorrhage	Minimal
		Lymphoma Malignant Lymphocytic	
Note: HEMORRHAGE TGLs = 10-4			
Intestine Small	Duodenum	Lymphoma Malignant Lymphocytic	
	Jejunum	Lymphoma Malignant Lymphocytic	
Note: CORRELATION SINCE LYMPHOMA IS USUALLY WHITE AND I SAW			
Note: HAD LYMPHOMA. TGL 5 & 6 CALLED RED THEREFORE NO			
Note: NO INDICATION OF HEMORRHAGE.			
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 7-5			
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4			
Lung		Hemorrhage	Mild
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 12-3			
Note: HEMORRHAGE TGLs = 8-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1031	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 216
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14682

ORGAN AND ACCOUNTABLE SITE STATUS

	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 11-3			
Note: LYMPH MAL LYMP TGLs = 9-2			
Note: LYMPH MAL LYMP TGLs = 3-6			
Nose		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Seminal Vesicle		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4			
Stomach	Glandular	Lymphoma Malignant Lymphocytic	
	Glandular	Ulcer	Marked
Note: ULCER TGLs = 4-8			
Testes		Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

Animal Note: BACTERIAL COLONIES THROUGHOUT ANIMAL.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1032	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mediastinal	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland	Thymus
Thyroid Gland			

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4			
Lung	Alveolar Epith	Hyperplasia	Mild
Note: NO APICAL LOBE FOCUS FOUND ON RECUT TO ACCOUNT FOR TGL-3			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4+10			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 4-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1033	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 258
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Thyroid Gland
Trachea			

MISSING

Harderian Gland	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder

INSUFFICIENT TISSUE

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Medulla	Histiocytic Sarcoma	
Bone			
Note: BONE EXAMINED IN NOSE SECTIONS.			
Bone Marrow		Histiocytic Sarcoma	
Note: BONE MARROW EXMANIED IN NOSE SECTIONS.			
Brain		Histiocytic Sarcoma	
Heart		Cardiomyopathy	Minimal
		Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 3-5			
Liver		Histiocytic Sarcoma	
		Necrosis	Moderate
Note: [HISTIO SARC] TGLs = 1-4			
Lung		Hemorrhage	Mild
		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1033	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 258
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14684

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Pigmentation	Hemosiderin, Moderate
Note: [HISTIO SARC] TGLs = 2-3			
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Skin	Subcut Tiss	Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 4-10			
Spleen		Histiocytic Sarcoma	
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
Note: STOMACH PIGMENT BARELY DESCERNABLE AS IS EVIDENCE OF			
Note: SUPERFICIAL EPITHELIAL CELL ABSENCE (EROSION) NOT ULCER.			
Note: PIGMENT TGLs = 5-8			
Testes		Atrophy	Mild
Thymus		Necrosis	Mild
Note: DIAGNOSIS OF ATROPHIC/NECROTIC THYMUSES.			
Note: ATROPHY USED "NECROSIS" FOR CONSISTENCY WITH OTHER			
Urinary Bladder		Histiocytic Sarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1034	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 222
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Islets, Pancreatic	Larynx
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Thyroid Gland	Trachea	

MISSING

Harderian Gland	Mammary Gland	Thymus

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Ileum	Intestine Small - Jejunum

INSUFFICIENT TISSUE

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic
Bone Marrow		Lymphoma Malignant Lymphocytic
Epididymis		Lymphoma Malignant Lymphocytic
Heart		Lymphoma Malignant Lymphocytic
Intestine Small	Duodenum	Lymphoma Malignant Lymphocytic
Kidney		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 1-5		
Liver		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 2-4		
Lung		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 5-3		
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic
	Mandibular	Lymphoma Malignant Lymphocytic
	Mediastinal	Lymphoma Malignant Lymphocytic
	Mesenteric	Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 4-3		
Note: LYMPH MAL LYMP TGLs = 7-10		
Nose		Lymphoma Malignant Lymphocytic

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1034	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 222
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14685

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Skin	Subcut Tiss	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3,6-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Glandular	Lymphoma Malignant Lymphocytic	
	Glandular	Ulcer	Mild
Note: HYPERPLASIA TGLs = 9-8			
Note: ULCER TGLs = 8-8			
Testes		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1035	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW HYPERPLASIA APPEARS GRANULOCYTIC.			
Harderian Gland	Bilateral	Adenoma	
Heart		Hemangiosarcoma	
Liver		Degeneration	Fatty, Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1-4			
Lung	Alveolar Epith	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 3-3			
Note: SMALL FOCI OF ALVEOLAR EPITHELIAL HYPERPLASIA ON AZYGOUS			
Note: AND LEFT LUNG LOBES.			
Note: RECUT OF BLOCK 3 SHOWED NO DIAGPHRAGMATIC LOBE LESION.			
Note: POSSIBLY MISLABELED LOBE GROSSLY.			
Stomach	Forestomach	Squamous Cell Papilloma	
	Forestomach	Ulcer	Minimal
Note: SQ CL PAPILLOM TGLs = 2-8			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1036	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 438
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose	Pancreas
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Glandular
Thyroid Gland	Trachea		

MISSING

Lymph Node - Bronchial	Lymph Node - Mesenteric	Mammary Gland	Penis
Pituitary Gland	Thymus		

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Jejunum

OBSERVATIONS

Coagulating Gland		Inflammation	Suppurative, Marked
Harderian Gland		Adenoma	
Kidney		Inflammation	Suppurative, Mild
	Papilla	Necrosis	Mild
Note: INFLAMMATION IN RIGHT KIDNEY PELVIS AND RENAL PAPILLA			
Note: NECROTIC.			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 4-11			
Lung			
Note: DEATH.			
Note: CONGESTED, BUT NOT CONSIDERED SIGNIFICANT IN A NATURAL			
Parathyroid Gland		Cyst	
Penis			
Note: TGL 1 IS PREPUTIAL SKIN NOT PENIS. PENIS NOT PRESENT ON			
Note: SLIDE.			
Preputial Gland		Inflammation	Suppurative, Marked
Prostate		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1036	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 438
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14687

ORGAN AND ACCOUNTABLE SITE STATUS

Skin		Acanthosis	Moderate
	Hair Follicle	Inflammation	Suppurative, Minimal
	Prepuce	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-12			
Note: ACANTHOSIS TGLs = 6-10			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-8			
Testes		Atrophy	Minimal
Urinary Bladder		Dilatation	Moderate
	Transit Epithe	Hyperplasia	Minimal
Note: DILATATION TGLs = 2-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1037	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 414
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Larynx	Parathyroid Gland	Pituitary Gland
Testes	Thyroid Gland	Trachea	

MISSING

Intestine Large - Cecum	Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-9+11			
Brain		Lymphoma Malignant Lymphocytic	
Epididymis		Angiectasis	Mild
		Lymphoma Malignant Lymphocytic	
Note: ANGIECTASIS TGLs = 15-7			
Gallbladder		Lymphoma Malignant Lymphocytic	
Heart	Endothelium	Hyperplasia	Mild
Intestine Small	Ileum	Lymphoma Malignant Lymphocytic	
	Jejunum	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 14-6			
Note: LYMPH MAL LYMP TGLs = 13-6			
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Note: [NECROSIS] TGLs = 12-4			
Note: HEPATOCLR ADEN TGLs = 8-4			
Lung	Alveolar Epith	Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1037	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 414
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14688

ORGAN AND ACCOUNTABLE SITE STATUS

	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 7-10+12			
Note: GLAND & MUSCLE). NOT IDENTIFIABLE IN WET TISSUE.			
Note: ILIAC LN (TGL 9) NOT PRESENT ON SLIDE 13 (HAS SALIVARY			
Note: LYMPH MAL LYMP TGLs = 2-7			
Note: LYMPH MAL LYMP TGLs = 10-3			
Note: LYMPH MAL LYMP TGLs = 3,4-2			
Note: LYMPH MAL LYMP TGLs = 6-14			
Nose		Inflammation	Suppurative, Minimal
		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Prostate		Hyperplasia	Minimal
Salivary Glands		Lymphoma Malignant Lymphocytic	
Seminal Vesicle		Lymphoma Malignant Lymphocytic	
Skin	Subcut Tiss	Inflammation	Granulomatous, Moderate
Note: PHAGES ON SLIDE 2 (SKIN SECTION).			
Note: GRANULOMATOUS INFLAMMATION AROUND NOSE BONES & MACRO-			
Spinal Cord		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 11-11			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-4			
Note: MEGAKARYOCYTES.			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
	Forestomach	Ulcer	Mild
	Glandular	Ulcer	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1037	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 414
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14688

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ULCER TGLs = 17-8		
Note: HYPERPLASIA TGLs = 17-8		
Note: ULCER TGLs = 16-8		
Thymus		Lymphoma Malignant Lymphocytic
Urinary Bladder		Lymphoma Malignant Lymphocytic
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1038	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Thyroid Gland	Trachea

MISSING

Gallbladder	Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Degeneration	Fatty, Minimal
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	Multiple
		Lymphoma Malignant Lymphocytic	
Note: HEPATOCLR CARC TGLs = 1-4+10			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Moderate
		Lymphoma Malignant Lymphocytic	
Note: ALV BRON ADEN TGLs = 4-3			
Note: HYPERPLASIA TGLs = 4-3			
Lymph Node	Iliac	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-7			
Note: LYMPH MAL LYMP TGLs = 2-6			
Note: [LYMPH MAL LYMP] TGLs = 3-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1038	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14689

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Focal Cellular Change
	Acinus	Lymphoma Malignant Lymphocytic
Salivary Glands		Lymphoma Malignant Lymphocytic
Spleen		Lymphoma Malignant Lymphocytic
Stomach	Forestomach	Lymphoma Malignant Lymphocytic
	Glandular	Lymphoma Malignant Lymphocytic
Testes		Lymphoma Malignant Lymphocytic
Thymus		Lymphoma Malignant Lymphocytic
Urinary Bladder		Lymphoma Malignant Lymphocytic
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1039	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 182
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Urinary Bladder	

MISSING

Harderian Gland	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Nose
Thyroid Gland	Trachea		

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Lung			
Note: TGL 3 PROBABLY REFERS TO HYPOSTATIC CONGESTION. NOT			
Note: CONSIDERED A SIGNIFICANT LESION.			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1,2-10			
Nose			
Note: RESP. EPITHELIUM IS OK, BUT OLFACTORY EPITHELIUM HAS			
Note: SLOUGHED.			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal
Note: STOMACH HAS FORESTOMACH LESION. BLOCK DOSEN'T APPEAR TO			
Note: RESIDUAL FORESTOMACH LESION WITH DARK CENTER. TGL WAS			
Note: PROBABLY IN FORESTOMACH.			
Note: HAVE GLANDULAR STOMACH LESION. REVIEW OF WET TISSUE SHOWS			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1039	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 182
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14690

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Atrophy	Mild
Thymus	Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1040	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 273
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Colon	Lymph Node - Bronchial	Mammary Gland	Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
		Lymphoma Malignant Mixed	
Note: ATROPHY TGLs = 1-9			
Note: HYPOCELLULARITY IN GENERAL AND LYMPHOMA CAN COMBINE TO			
Note: CAUSE ANEMIC CONDITION INDICATED BY TGL 1.			
Brain		Hemorrhage	Minimal
Heart		Mineralization	Mild
Note: MINERALIZATION TGLs = 4-4			
Liver		Lymphoma Malignant Mixed	
Note: DIFFUSE, SCATTERED CELLS MAY BE ENOUGH TO CAUSE PALENESS,			
Note: BUT THE INFILTRATE IS MARGINAL.			
Note: LYMPH MAL MIXD TGLs = 5-4			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-7			
Note: LYMPH MAL MIXD TGLs = 2-6			
Nose	Olfactory Epi	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1040	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 273
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14691

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 7-8			
Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1041	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 277
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Larynx	Pituitary Gland	Skin	Stomach - Forestomach

MISSING

Harderian Gland	Mammary Gland	Prostate	Seminal Vesicle
Testes	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Jejunum

INSUFFICIENT TISSUE

Parathyroid Gland	Trachea

OBSERVATIONS

Adrenal Gland		Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow			Lymphoma Malignant Lymphocytic	
Brain			Hemorrhage	Minimal
Note: HEMORRHAGE	TGLs = 15,16-1			
Gallbladder			Lymphoma Malignant Lymphocytic	
Heart		Endothelium	Hyperplasia	Minimal
			Lymphoma Malignant Lymphocytic	
Note: TGL 12 MAY BE DUE TO THE RIGHT VENTRICLE BEING FILLED				
Note: LEFT VENTRICLE.				
Note: FOR TGL 12. ENDOTHELIAL HYPERPLASIA IS PRESENT IN				
Note: LESION PRESENT IN RIGHT VENTRICULAR WALL TO ACCOUNT				
Note: WITH BLOOD AND VISIBLE TO OUTSIDE AS DARKENED. NO				
Intestine Small		Duodenum	Hemorrhage	Minimal
		Duodenum	Lymphoma Malignant Lymphocytic	
Note: HEMORRHAGE	TGLs = 6-6			
Kidney			Hemorrhage	Minimal
			Lymphoma Malignant Lymphocytic	
Note: HEMORRHAGE	TGLs = 14-5			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1041	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 277
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14692

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 13-5			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Hemorrhage	Mild
		Lymphoma Malignant Lymphocytic	
		Thrombosis	Moderate
Note: HEMORRHAGE TGLs = 11-3			
Lymph Node	Mesenteric	Hemorrhage	Minimal
	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: HEMORRHAGE TGLs = 8-11			
Note: TGL 2 IN MANDIBULAR LYMPH NODE NOT SEEN WITHIN SECTION BUT			
Note: LYMPH MAL LYMP TGLs = 1,2-7			
Note: LYMPH MAL LYMP TGLs = 7-11			
Note: LYMPH MAL LYMP TGLs = 10-2			
Note: UNDDOUBTBLY RELATED TO LYMPHOMA.			
Nose		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spinal Cord		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Note: NECROSIS TGLs = 4-10			
Note: LYMPH MAL LYMP TGLs = 3-10			
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
Note: WHICH IS PROBABLY WHAT WAS SEEN GROSSLY AS TGL 5.			
Note: PIGMENT POSSIBLY NEXT TO A SMALL ULCER (NOT ON SECTION)			
Note: GLANDULAR STOMACH HAS FOCAL DEPOSIT OF HEMOSIDERIN-LIKE			
Note: PIGMENT TGLs = 5-8			
Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1041	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 277
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14692

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP	TGLs = 9-2	
Thyroid Gland		Lymphoma Malignant Lymphocytic
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1042	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 223
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Ileum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Harderian Gland	Mammary Gland	Parathyroid Gland	Stomach - Glandular
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Rectum	Intestine Small - Jejunum	
INSUFFICIENT TISSUE			
Intestine Small - Duodenum			

OBSERVATIONS				
Bone Marrow			Lymphoma Malignant Lymphocytic	
Heart			Lymphoma Malignant Lymphocytic	
Kidney			Lymphoma Malignant Lymphocytic	
Lung			Lymphoma Malignant Lymphocytic	
Lymph Node		Bronchial	Lymphoma Malignant Lymphocytic	
		Mediastinal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 1,2-10			
Spleen			Lymphoma Malignant Lymphocytic	
Stomach		Epithelium, Forestomach	Hyperplasia	Mild
Testes			Atrophy	Mild
Thymus			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1043	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 257
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Harderian Gland

INSUFFICIENT TISSUE

Lymph Node - Mediastinal Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Atrophy	Mild
Note: ATROPHY TGLs = 1-9			
Note: TGL 1 MAY BE RELATED TO BONE MARROW ATROPHY AND LYMPHOMA.			
Heart	Atrium	Thrombosis	Mild
Note: THROMBUS TGLs = 4-4			
Liver	Centrilobular	Necrosis	Minimal
Note: DOESN'T APPEAR TO BE GLYCOGEN.			
Note: NUMEROUS TINY DISCRETE VACUOLES CAUSING SOME CYTOMEGALY.			
Note: FATTY VACUOLES ARE NOT THE TYPICAL LARGER VACUOLES BUT			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mandibular	Necrosis	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 5-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1043	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 257
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14694

ORGAN AND ACCOUNTABLE SITE STATUS

Testes		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1044	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Harderian Gland	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Histiocytic, Marked
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 1-3			
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
Note: PRODUCTIVE.			
Note: HYPERPLASIA TGLs = 2-8			
Note: RECHECK OF STOMACH BLOCK INDICATES A RECUT MAY NOT BE			
Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1045	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 167
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Nose	Seminal Vesicle	Skin	Stomach - Forestomach
Thyroid Gland	Trachea		

MISSING

Harderian Gland	Mammary Gland	Parathyroid Gland	Pituitary Gland

OBSERVATIONS

Adrenal Gl			
Note: LYMPHOMA AROUND BUT NOT IN ADRENALS.			
Bone Marrow		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
	Pelvis	Mineralization	Minimal
Note: LYMPH MAL LYMP TGLs = 10-5			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Lumbar	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-2			
Note: LYMPH MAL LYMP TGLs = 1-7			
Note: LYMPH MAL LYMP TGLs = 2-10			
Note: [LYMPH MAL LYMP] TGLs = 9-13			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1045	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 167
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14696

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL LYMP] TGLs = 4-3			
Note: AVAILABLE AS SITE ON TDMS.			
Note: LYMPH MAL LYMPH, NOS IS TGL 9. BRACHIAL NOT			
Note: LYMPH MAL LYMP TGLs = 8-12			
Note: LYMPH MAL LYMP TGLs = 5-6			
Note: LYMPH MAL LYMP TGLs = 7-11			
Note: LYMPH MAL LYMP TGLs = 6-5			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Glandular	Lymphoma Malignant Lymphocytic	
	Glandular	Mineralization	Minimal
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1046	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow	Atrophy	Minimal
Lung		
Note: NO RED FOCUS FOUND ON RECUT.		
Lymph Node		
Note: HEART ATRIUM, NOT LYMPHNODE.		
Note: TBLN NOTED IN TGL-2 AT TRIM APPEARS TO BE A CONGESTED		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1047	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 306
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lung	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Mineralization	Minimal
Heart		Mineralization	Mild
Liver		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-11			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1,4-4+10			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Note: [HYPERPLASIA] TGLs = 5-8			
Testes		Atrophy	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-2+3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1048	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 218
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Gland - Medulla	Harderian Gland	Intestine Small - Duodenum	Lymph Node - Mandibular
Mammary Gland			

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Hemorrhage	Mild
Note: HEMORRHAGE IS CAPSULAR.			
Note: HEMORRHAGE TGLs = 6-5			
Liver		Lymphoma Malignant Lymphocytic	
Note: I DON'T THINK LYMPHOMA ACCOUNTS FOR TGL 5. MAY			
Note: REPRESENT AUTOLYTIC ZONE OF LIVER AROUND GALL BLADDER.			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-2]			
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Mild
Note: HYPERPLASIA TGLs = 1-8			
Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2,4-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1048	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 218
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14699

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1049	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 180
	DOSE: 625 PPM	**DISP:** Accident	**HISTO:** 14700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spinal Cord	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mediastinal	Mammary Gland	Stomach - Forestomach	Stomach - Glandular

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung	Alveolar Epith	Hyperplasia	Moderate
		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-10			
Note: LYMPH MAL LYMP TGLs = 3-6			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4			
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	
Urin Bladder			
Note: SIGNIFICANT.			
Note: TGL 4 IS SEMINAL VESICLE FLUID PLUG, NOT CONSIDERED			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1050	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 297
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Thyroid Gland	Trachea		

MISSING

Gallbladder	Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland
Thymus			

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Epididymis		Histiocytic Sarcoma	
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: NECROSIS TGLs = 2-4+10			
Lung		Hemorrhage	Minimal
		Histiocytic Sarcoma	
Lymph Node	Mandibular	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
		Histiocytic Sarcoma	
	Mandibular	Necrosis	Mild
		Necrosis	Mild
Note: SUBCUT LYMPNODE, NO SITE.			
Nose		Histiocytic Sarcoma	
Pancreas	Acinus	Histiocytic Sarcoma	
Salivary Glands		Histiocytic Sarcoma	
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-4			
Stomach	Forestomach	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1050	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 297
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14701

ORGAN AND ACCOUNTABLE SITE STATUS

	Glandular	Histiocytic Sarcoma	
	Epithelium, Forestomach	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 3-8			
Testes		Atrophy	Mild
Urinary Bladder		Histiocytic Sarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1051	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 412
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Larynx	Nose	Pituitary Gland
Prostate	Skin	Trachea	

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Parathyroid Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
	Medulla	Lymphoma Malignant Lymphocytic	
Bone			
Note: RE-CHECKED WET TISSUE, NO LESION SEEN.			
Bone Marrow		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6-9			
Brain		Hemorrhage	Minimal
		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Epididymis		Lymphoma Malignant Lymphocytic	
Heart		Hemangiosarcoma	
		Lymphoma Malignant Lymphocytic	
		Mineralization	Mild
Intestine Small	Ileum	Lymphoma Malignant Lymphocytic	
	Jejunum	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-12			
Note: LYMPH MAL LYMP TGLs = 3-6			
Kidney		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1051	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 412
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14702

ORGAN AND ACCOUNTABLE SITE STATUS

Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-4			
Lung	Alveolar Epith	Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-2			
Note: LYMPH MAL LYMP TGLs = 2-6+11			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Seminal Vesicle		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4+10			
Stomach	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
	Forestomach	Squamous Cell Papilloma	
	Glandular	Ulcer	Minimal
Note: SQ CL PAPILLOM TGLs = 9-8			
Testes		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 8-7			
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1052	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 319
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Thyroid Gland	Trachea

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow			Lymphoma Malignant Lymphocytic	
Brain			Lymphoma Malignant Lymphocytic	
Kidney			Lymphoma Malignant Lymphocytic	
Liver			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 6-4			
Lung			Lymphoma Malignant Lymphocytic	
Lymph Node		Axillary	Lymphoma Malignant Lymphocytic	
		Bronchial	Lymphoma Malignant Lymphocytic	
		Mandibular	Lymphoma Malignant Lymphocytic	
		Mediastinal	Lymphoma Malignant Lymphocytic	
		Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 4-2			
Note: LYMPH MAL LYMP	TGLs = 5-6			
Note: LYMPH MAL LYMP	TGLs = 3-7			
Note: LYMPH MAL LYMP	TGLs = 2-11			
Pancreas		Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands			Lymphoma Malignant Lymphocytic	
Spleen			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 1-4+10			
Stomach		Epithelium, Forestomach	Hyperplasia	Minimal
		Glandular	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1052	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 319
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14703

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Atrophy	Minimal
Thymus	Lymphoma Malignant Lymphocytic	
Urinary Bladder	Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1053	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 243
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Nose	Parathyroid Gland	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Harderian Gland	Mammary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: NOTHING WAS SEEN. RESIDUAL WET TISSUE IS NORMAL GROSSLY.			
Note: DON'T THINK LYMPHOMA ACCOUNTS FOR TGL 3. CHECKED BLOCK AND			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-6			
Note: LYMPH MAL LYMP TGLs = 4-5			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4			
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1053	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 243
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14704

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 1-2		
Urinary Bladder		Lymphoma Malignant Lymphocytic
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1054	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 250
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Rectum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Gallbladder	Harderian Gland	Lymph Node - Bronchial	Lymph Node - Mediastinal
Mammary Gland	Parathyroid Gland		
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS			
Liver	Centrilobular	Degeneration	Fatty, Mild
	Centrilobular	Necrosis	Minimal
Note: DEGEN TGLs = 3-4			
Lung		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 2-3			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 4-8			
Testes		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: BACTEREMIC			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1055	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mediastinal	Mammary Gland	Thymus

OBSERVATIONS

Bone Marrow		Atrophy	Minimal
Brain		Mineralization	Minimal
Lung	Alveolar Epith	Hyperplasia	Marked
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Note: THE GLANDULAR/SQUAMOUS JUNCTION.			
Note: HYPERPLASIA TGLs = 2-8			
Note: TGL 1 IS APPARENTLY A FOCUS OF FORESTOMACH HYPERPLASIA AT			
Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1056	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Harderian Gland	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Lung		Hemorrhage	Minimal
Note: SOME HEMORRHAGE IN FOCUS IN LEFT POSTERIOR LOBE.			
Note: TINY FOCUS OF HEMORRHAGE NEXT TO HYPERPLASTIC FOCUS IN			
Note: HEMORRHAGE TGLs = 1-3			
Note: APICAL LOBE. NO DIAPHRAGMATIC LOBE HEMORRHAGE SEEN.			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 2-8			
Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1057	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 249
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Harderian Gland	Larynx	Lymph Node - Bronchial	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Jejunum

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
Liver		Necrosis	Mild
Note: NECROSIS TGLs = 2-4			
Lymph Node	Mediastinal	Congestion	Mild
	Mandibular	Hyperplasia	Plasma Cell, Marked
	Mesenteric	Hyperplasia	Histiocytic, Mild
Note: CONGESTION TGLs = 3-2			
Note: HYPERPLASIA TGLs = 5-6			
Note: [HYPERPLASIA] TGLs = 1-7			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: BACTEREMIC.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1058	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 422
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Atrophy	Moderate
Brain		Mineralization	Minimal
Heart	Endothelium	Hyperplasia	Moderate
		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Note: HEPATOCLR NEOPLASMS TGLS 2,7-4+10			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Moderate
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-3			
Note: 3 LARGER FOCI OF ALVEOLAR EPITHELIAL HYPERPLASIA SEEN -			
Note: ALV BRON CARC TGLs = 3-3			
Note: MAY PARTIALLY ACCOUNT FOR TGL 4, BUT NONE SEEN IN LEFT LUNG.			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1058	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 422
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14709

ORGAN AND ACCOUNTABLE SITE STATUS

	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-11			
Note: LYMPH MAL LYMP TGLs = 1-7			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Skin	Subcut Tiss	Inflammation	Granulomatous, Moderate
		Necrosis	Moderate
Note: CONTAINS BACTERIA.			
Note: SKIN BY MIDDLE NOSE SECTION (S.Q.) HAS GRANULOMATOUS			
Note: INFLAMMATION.			
Note: T=BLUE USED AS STAIN BUT NOT AVAILABLE ON LIST SO GIEMSA			
Note: ENTERED.			
Note: SPECIAL STAINS OF GRAM, ACID FAST AND T-BLUE WERE			
Note: APPLIED TO SKIN SECTION ON SLIDE 9 BY NOSE AND WERE			
Note: THE LESION.			
Note: NONCONTRIBUTORY AS TOWARDS DETERMINING A CAUSE FOR			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant Lymphocytic	
Note: MEGAKARYOCYTES.			
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 8-8			
Testes		Atrophy	Minimal
Thymus		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

Animal Note: INFILTRATES ARE SOMEWHAT HISTIOCYTIC.
Animal Note: ALTHOUGH PREDOMINANT PATTERN IS LYMPHOCYTIC
Animal Note: THE ILIAC & MESENTERIC LYMPHNODE LYMPHOMA

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1059	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 243
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Lymph Node - Mesenteric

OBSERVATIONS

Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
Preputial Gland		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-10			
Spinal Cord		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-8			
Note: TINY EROSION IN HYPOPLASTIC FOCUS.			
Thymus		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1060	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 259
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Harderian Gland	Lymph Node - Bronchial	Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum

INSUFFICIENT TISSUE

Pituitary Gland	Trachea

OBSERVATIONS

Kidney			
Note: NO KIDNEY CHANGES PRESENT TO ACCOUNT FOR TGL 2 -			
Note: PALENESS.			
Liver		Hematopoietic Cell Proliferation	Minimal
Lung			
Note: AGONAL AND NOT CONSIDERED A SIGNIFICANT CHANGE IN A CHRONIC			
Note: STUDY.			
Note: TGL 4 IS PROBABLY DUE TO CONGESTION WHICH WAS PROBABLY			
Lymph Node	Mandibular	Hematopoietic Cell Proliferation	Mild
	Mediastinal	Hematopoietic Cell Proliferation	Minimal
Note: [HEMA CELL PROL] TGLs = 3-2			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 1-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 5-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1060	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 259
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14711

ORGAN AND ACCOUNTABLE SITE STATUS

Testes		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1061	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Bone Marrow		Atrophy	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-8			
Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1062	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Eye
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland	Pituitary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 1-10			
Heart		Hemangiosarcoma	
Liver	Centrilobular	Degeneration	Fatty, Minimal
		Eosinophilic Focus	
	Centrilobular	Necrosis	Minimal
Note: [EOSIN FOCUS] TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
	Pleura	Inflammation	Chronic, Mild
Pancreas	Acinus	Focal Cellular Change	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Mild
Note: [HYPERPLASIA] TGLs = 3-8			
Testes		Atrophy	Mild
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1063	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 302
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Rectum	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum

INSUFFICIENT TISSUE

Intestine Small - Ileum	Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-3			
Note: LUNG CONGESTION DUE TO LYMPHOMA.			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-3			
Note: LYMPH MAL LYMP TGLs = 3-2			
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 6-8			
Testes		Atrophy	Moderate
Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1063	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 302
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14714

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 1,2-2

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1064	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 289
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Prostate
Seminal Vesicle	Urinary Bladder		

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-4+10			
Kidney			
Note: MEDULLA IS SOMEWHAT CONGESTED BUT NOT CONSIDERED A			
Note: HISTOLOGIC SIGNIFICANT DIAGNOSIS.			
Liver		Hemangiosarcoma	Metastatic (Heart)
	Centrilobular	Necrosis	Moderate
Note: HEMANGIOSARC TGLs = 3-4			
Lung			
Note: HISTOLOGIC DIAGNOSIS.			
Note: LUNG IS CONGESTED BUT NOT CONSIDERED AN IMPORTANT			
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
Note: PIGMENT TGLs = 5-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1064	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 289
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14715

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1065	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 295
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Mammary Gland	Prostate

OBSERVATIONS

Harderian Gland		Adenoma	
Intestine Large	Anus	Inflammation	Suppurative, Moderate
Note: ANUS INFLAMMATION IS ACCPMPANIED BY HEMORRHAGE.			
Note: INFLAMMATION TGLs = 4-10			
Kidney		Hydronephrosis	Mild
Note: HYDRONEPHROSIS TGLs = 1-5			
Lung	Alveolar Epith	Hyperplasia	Minimal
Note: [HYPERPLASIA] TGLs = 5-3			
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
Note: PIGMENT TGLs = 6-8			
Testes		Atrophy	Mild
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1066	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 285
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mesenteric	Mammary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4			
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Testes		Atrophy	Minimal
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1067	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 199
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Kidney	Larynx
Lung	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Thyroid Gland	Trachea		

MISSING

Harderian Gland	Intestine Small - Duodenum	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
Stomach - Glandular	Urinary Bladder		

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic
Liver		Lymphoma Malignant Lymphocytic
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic
	Bronchial	Lymphoma Malignant Lymphocytic
	Inguinal	Lymphoma Malignant Lymphocytic
	Mandibular	Lymphoma Malignant Lymphocytic
	Mediastinal	Lymphoma Malignant Lymphocytic
	Mesenteric	Lymphoma Malignant Lymphocytic
	Renal	Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 2-2		
Note: LYMPH MAL LYMP TGLs = 7-3		
Note: LYMPH MAL LYMP TGLs = 8-6		
Note: LYMPH MAL LYMP TGLs = 4-10		
Note: LYMPH MAL LYMP TGLs = 5-11		
Note: LYMPH MAL LYMP TGLs = 6-5		
Note: LYMPH MAL LYMP TGLs = 1-7		
Spleen		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 3-4		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1067	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 199
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14718

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 9-8			
Testes		Atrophy	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1068	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Kidney	Larynx	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Note: BONE MARROW APPEARS GRANULOCYTIC WITH MORE IMMATURE CELLS			
Note: THAN OTHERS HAVE HAD. NUMEROUS MEGAKARYOCYTES.			
Heart	Endothelium	Hyperplasia	Mild
Intest Large			
Note: ILEUM CLOSE TO CECUM.			
Note: INDICATES SMALL INTESTINE MOST LIKELY SITE OF INVOLVEMENT			
Note: SLIDE 12 HAS IDENTIFIABLE SMALL INTESTINE. SLIDE 6			
Intestine Small	Ileum	Lymphoma Malignant Lymphocytic	
	Jejunum	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-6+12			
Note: LYMPH MAL LYMP TGLs = 3-6+12			
Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant Lymphocytic	
Note: HEPATOCLR CARC TGLs = 4-4+11			
Lung		Adenocarcinoma	
		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant Lymphocytic	
Note: PAS POSITIVE, THEREFORE GOBLET CELLS AND PRODUCTION			
Note: ADENOCARC TGLs = 5-3			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1068	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14719

ORGAN AND ACCOUNTABLE SITE STATUS

Note: GIEMSA ENTERED AS T-BLUE IS NOT AVAILABLE FOR TDMS ENTRY.			
Note: T-BLUE IS NEGATIVE.			
Note: PRODUCT PRESENT, THUS TUMOR MAY BE BRONCHUS ORIGIN.			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-6+10			
Pharynx		Squamous Cell Papilloma	
Note: POSTERIOR PHARNYX OVER LARYNX EQUALS SITE OF PAPILLOMA.			
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
	Forestomach	Ulcer	Mild
Note: HYPERPLASIA TGLs = 6-8			
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	
Note: T-BLUE IS NEGATIVE.			
Note: GIEMSA ENTERED AS T-BLUE IS NOT AVAILABLE FOR TDMS ENTRY.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1069	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 376
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Larynx	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Lymph Node - Bronchial	Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
	Medulla	Lymphoma Malignant Lymphocytic	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-4			
Kidney		Lymphoma Malignant Lymphocytic	
Note: POSSIBLE HEMANGIOSARCOMA EMBOLI IN GLOMERULI.			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hyperplasia	Focal, Moderate
		Lymphoma Malignant Lymphocytic	
		Necrosis	Minimal
Note: HEMANGIOSARC TGLs = 1,8-11			
Note: HYPERPLASIA TGLs = 9-4+11			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hemangiosarcoma	Metastatic (Heart)
	Alveolar Epith	Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1069	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 376
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14720

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMANGIOSARC TGLs = 3-3+10			
Note: ALV BRON CARC TGLs = 4-10			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-2			
Mesentery	Fat	Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 7-12			
Pancreas		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Lymphoma Malignant Lymphocytic	
	Forestomach	Ulcer	Minimal
Note: [HYPERPLASIA] TGLs = 10-8			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1070	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 215
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Intestine Large - Rectum	Islets, Pancreatic	Kidney
Larynx	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Epididymis	Gallbladder	Harderian Gland	Lymph Node - Bronchial
Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland	Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Mineralization	Mild
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
Note: GLANDULAR STOMACH.			
Note: SITE ON GROSS MUST BE WRONG, SHOULD PROBABLY BE			
Note: PIGMENT TGLs = 2-8			
Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1071	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 247
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Harderian Gland	Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-9			
Brain		Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 4-1			
Heart		Mineralization	Mild
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal
		Lymphoma Malignant Lymphocytic	
Note: DEGEN TGLs = 2-4			
Lung		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 6-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-10			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1071	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 247
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14722

ORGAN AND ACCOUNTABLE SITE STATUS

Note: IF IT IS LYMPHM NODE). RECUT IT IN.		
Note: WHITE SPOT ON SALIVARY GLAND LEFT IN WET TISSUE (CAN'T TELL		
Spleen	Lymphoma Malignant Lymphocytic	
Stomach		
Note: FORESTOMACH: RECHECKED BLOCKS AND WET TISSUE - NO GROSS		
Note: LESIONS EVIDENT TO ME.		
Testes	Atrophy	Mild
Thymus	Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1072	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 264
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Harderian Gland	Intestine Small - Jejunum	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Mammary Gland		

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
Brain		Hemorrhage	Minimal
Heart		Mineralization	Mild
Note: BACTERIAL COLONIES IN MYOCARDIUM.			
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Glandular	Pigmentation	Hemosiderin, Minimal
Note: HYPERPLASIA TGLs = 2-8			
Note: PIGMENT TGLs = 1-8			
Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1073	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 192
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Heart	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Bronchial	Nose
Pancreas	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Glandular	Testes	

MISSING

Harderian Gland	Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular
Lymph Node - Mesenteric	Salivary Glands	Spleen	Thymus
Thyroid Gland	Urinary Bladder		

INSUFFICIENT TISSUE

Trachea

OBSERVATIONS

Bone Marrow		Atrophy	Marked
Brain		Hemorrhage	Minimal
Liver		Necrosis	Mild
Note: TGL 4 MAY BE DUE TO EXCESS RBC'S IN THE NECROTIC LIVER BUT			
Note: IT ISN'T CONVINCING.			
Note: NECROSIS TGLs = 3-4+10			
Lung			
Note: SPONTANEOUS DEATH> (TGL 2).			
Note: MAY BE OVERLY CONGESTED BUT NOT CONSIDERED SIGNIFICANT IN A			
Lymph Node			
Note: MANDIBULAR LYMPH NODE TGL 1 OBSCURED BY AUTOLYSIS.			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 5-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1073	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 192
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14724

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: AUTOLYSIS AND BACTEREMIA. SOME
Animal Note: TISSUES STILL READABLE.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1074	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 228
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Urinary Bladder	

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder — Intestine Small - Duodenum

INSUFFICIENT TISSUE

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Eye		Degeneration	Marked
Note: DEGEN TGLs = 1-11			
Note: MINERALIZATION, LITTLE INFLAMMATION.			
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Basophilic Focus	
		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 7-6			
Note: LYMPH MAL LYMP TGLs = 2-7			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1074	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 228
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14725

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 8-3			
Nose	Olfactory Epi	Atrophy	Mild
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6-4			
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3,4,5-10			
Trachea		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1075	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 289
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Pituitary Gland	Seminal Vesicle
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 7-9			
Note: CHANGES OF LYMPHOMA ARE RELATED TO TGL 7.			
Brain		Lymphoma Malignant Lymphocytic	
Harderian Gland		Adenoma	
Heart		Hemorrhage	Moderate
		Lymphoma Malignant Lymphocytic	
		Mineralization	Mild
Note: MINERALIZATION TGLs = 3-4			
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-6			
Note: LYMPH MAL LYMP TGLs = 1-2			
Note: LYMPH MAL LYMP TGLs = 2-7			
Note: LYMPH MAL LYMP TGLs = 6-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1075	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 289
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14726

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Parathyroid Gland		Cyst	
Prostate		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spinal Cord		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Lymphoma Malignant Lymphocytic	
Testes		Atrophy	Moderate
Thymus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1076	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 260
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Liver		Necrosis	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Note: HYPERPLASTIC LESION IS VERY SMALL AND HARD TO CONSIDER			
Note: "PRENEOPLASTIC".			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-8			
Testes		Atrophy	Minimal
Thymus		Necrosis	Mild
Note: USING ATROPHY AND NECROSIS INTERCHANGEABLY.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1077	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 239
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Mineralization	Moderate
Note: MINERALIZATION TGLs = 2-4			
Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Spinal Cord		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4			
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1078	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 271
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Heart	Intestine Small - Jejunum	Kidney
Larynx	Nose	Parathyroid Gland	Pituitary Gland
Seminal Vesicle	Skin	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Harderian Gland	Lymph Node - Bronchial	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Urinary Bladder	

INSUFFICIENT TISSUE

Islets, Pancreatic

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Hemorrhage	Minimal
Liver		Lymphoma Malignant Lymphocytic	
		Necrosis	Minimal
Lung		Hemorrhage	Minimal
		Lymphoma Malignant Lymphocytic	
Note: BACTERIAL COLONIES AND RIGHT LUNG IS ATELECTATIC MAKING IT			
Note: LUNG IS ALSO CONGESTED. LUNG HAS HEAVY OVERGROWTH OF			
Note: APPEAR REDDER GROSSLY.			
Note: HEMORRHAGE TGLs = 5-3			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-2			
Note: LYMPH MAL LYMP TGLs = 2-10			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1078	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 271
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14729

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Mineralization	Mild
Note: MINERALIZATION IS IN AREAS OF BACTERIAL COLONY GROWTH.			
Salivary Glands		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 1-7			
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Lymphoma Malignant Lymphocytic	
Note: HYPERPLASIA TGLs = 6-8			
Testes		Atrophy	Mild
Thymus		Necrosis	Moderate
Note: NECROSIS AND ATROPHY ARE USED INTERCHANGEABLY.			

PRIMARY CAUSE OF DEATH -

Animal Note: BACTERIAL COLONIES IN SEVERAL ORGANS.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1079	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 310
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow		Atrophy	Marked
Brain		Hemorrhage	Moderate
Note: HEMANGIOSARCOMA CELLS NOT SEEN AS SUCH IN THE BRAIN.			
Note: [HEMORRHAGE] TGLs = 3-1			
Heart		Hemangiosarcoma	
Note: ENDOCARDIAL SURFACE OF LEFT VENTRICLE AND INTERVENTRICULAR			
Note: SEPTUM AND RT. VENTRICLE.			
Liver		Hemangiosarcoma	Metastatic (Heart)
	Centrilobular	Necrosis	Mild
Note: HEMANGIOSARC TGLs = 1-4			
Lung		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 4-3			
Lymph Node	Mandibular	Hyperplasia	Histiocytic, Mild
	Mesenteric	Hyperplasia	Histiocytic, Mild
Spinal Cord		Hemorrhage	Minimal
Spleen		Depletion Lymphoid	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 5-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1079	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 310
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14730

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Atrophy	Mild
Thymus	Hyperplasia	Neutrophil, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1080	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 187
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Nose	Parathyroid Gland
Pituitary Gland	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Harderian Gland	Mammary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-2			
Note: AXILLARY LYMPH NODE AND AXILLARY "SKIN" ARE ALL LYMPHOMA			
Note: LYMPH MAL LYMP TGLs = 3,4-10+11			
Note: LYMPH MAL LYMP TGLs = 2-12			
Note: UNDER SKIN. SKIN NOT PRESENT ON SLIDE!			
Note: LYMPH MAL LYMP TGLs = 6-5			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4			
Testes		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1080	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 187
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14731

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Lymphoma Malignant Lymphocytic
Urinary Bladder	Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 7-8	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1081	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 120
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Heart	Intestine Large - Rectum	Islets, Pancreatic	Larynx
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Adrenal Gland - Medulla	Harderian Gland	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Salivary Glands		
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		
OBSERVATIONS			
Bone Marrow		Histiocytic Sarcoma	
Brain		Histiocytic Sarcoma	
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 1-4+10			
Lung		Hemorrhage	Minimal
		Histiocytic Sarcoma	
Note: HEMORRHAGE TGLs = 2-3			
Lymph Node	Mediastinal	Histiocytic Sarcoma	
Pancreas	Acinus	Histiocytic Sarcoma	
Spleen		Histiocytic Sarcoma	
Thymus		Necrosis	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1082	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	Intestine Small - Duodenum	Lymph Node - Bronchial	Lymph Node - Mediastinal
Mammary Gland			

OBSERVATIONS

Brain		Mineralization	Minimal
Liver	Centrilobular	Degeneration	Fatty, Minimal
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Minimal
Note: ALV BRON ADEN TGLs = 1-3			
Lymph Node			
Note: RECUT, TBLN STILL MISSING, FOUND A 2ND A/B ADENOMA.			
Stomach			
Note: AT THE GLANDULAR/SQUAMOUS JUNCTION. NO LESION IS APPARENT			
Note: IN GLANDULAR STOMACH.			
Note: TGL-2 MAY HAVE REFERRED TO A POSSIBLE FOCUS OF HYPERPLASIA			
Thymus		Necrosis	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1083	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 281
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Bone Marrow		Atrophy	Minimal
Heart	Endothelium	Hyperplasia	Moderate
Note: HEART LESION AT APEX.			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-4			
Note: RECHECKED WET TISSUE COULD NOT SEE TGL 2.			
Lung		Hemorrhage	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1084	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 240
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Harderian Gland	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-10			
Thyroid Gland		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1085	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 222
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Eye	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Harderian Gland	Mammary Gland	Pituitary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
		Lymphoma Malignant Lymphocytic	
Note: GLAND.			
Note: LYMPH MAL LYMP TGLs = 3-2			
Note: LYMPH NODE TGL 3 IS AN UNSPECIFIED LYMPHNODE , NOT MAMMARY			
Spinal Cord		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-10			
Spleen		Lymphoma Malignant Lymphocytic	
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1086	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 254
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Harderian Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Ileum

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
Heart		Mineralization	Mild
	Atrium	Thrombosis	Mild
Liver	Centrilobular	Degeneration	Fatty, Mild
	Centrilobular	Necrosis	Mild
Note: DEGEN TGLs = 2-4			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Marked
Note: [HYPERPLASIA] TGLs = 1-7			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROLIF: MANY HISTIOCYTES FILL SPLEEN.			
Testes		Atrophy	Mild
Thymus		Necrosis	Moderate
Note: NECROSIS AND ATROPHY USED INTERCHANGEABLY HERE.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1087	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 236
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Seminal Vesicle	Skin	Stomach - Forestomach
Thyroid Gland			

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Epididymis		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
		Necrosis	Minimal
Intestine Small	Duodenum	Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Note: KIDNEY MAY BE AMYLOID.			
Note: LYMPH MAL LYMP TGLs = 2,3-5			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Hemorrhage	Minimal
		Lymphoma Malignant Lymphocytic	
Note: HEMORRHAGE TGLs = 4-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-6			
Nose		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1087	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 236
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14738

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4			
Stomach	Glandular	Lymphoma Malignant Lymphocytic	
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	
Trachea		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1088	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 315
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Pituitary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-9			
Harderian Gland		Hyperplasia	Mild
Heart		Mineralization	Mild
Note: MINERALIZATION TGLs = 4-4			
Kidney		Nephropathy	Minimal
Larynx		Hyperplasia	Minimal
		Inflammation	Mild
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4+10			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-2			
Spinal Cord		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6-12+13+14			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-4+11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1088	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 315
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14739

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-8			
Testes		Atrophy	Moderate
Thymus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1089	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 264
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Larynx	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder Intestine Small - Jejunum

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
		Lymphoma Malignant Lymphocytic	
Heart		Mineralization	Mild
Kidney		Lymphoma Malignant Lymphocytic	
	Renal Tubule	Mineralization	Mild
Note: MINERALIZATION TGLs = 2-5			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Hemorrhage	Minimal
		Neoplasm Nos	Metastatic (Uncertain Primary Site)
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Mesenteric	Necrosis	Mild
Note: LYMPH MAL LYMP TGLs = 1-7			
Spleen		Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1089	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 264
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14740

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1090	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 260
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Thyroid Gland
Trachea			

MISSING

Gallbladder

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4			
Lung	Alveolar Epith	Hyperplasia	Minimal
		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-2			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Note: HYPERPLASIA TGLs = 4-8			
Testes		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1090	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 260
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14741

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Lymphoma Malignant Lymphocytic
Urinary Bladder	Lymphoma Malignant Lymphocytic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1201	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 696
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Penis	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Testes
Thyroid Gland			

MISSING

Lymph Node - Bronchial	Mammary Gland	Thymus

INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 7-9+12			
Heart		Hemangiosarcoma	
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
Note: [HEPATOCLR CARC] TGLs = 2,3,8,9-4+10+11			
Lung		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
Note: [ALV BRON CARC] TGLs = 1-3			
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 6-14			
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: [ULCER] TGLs = 10-8			
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1201	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 696
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15492

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder	Dilatation	Moderate
Note: [DILATATION] TGLs = 4-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1202	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 576
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-9			
Brain		Histiocytic Sarcoma	
Intestine Small	Ileum	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 9-6			
Kidney		Nephropathy	Mild
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 4-4			
Lung		Alveolar/Bronchiolar Carcinoma	
		Histiocytic Sarcoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 3-3			
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2,7-3+11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1202	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 576
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15493

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Histiocytic Sarcoma	
Skin	Subcut Tiss	Edema	Moderate
Note: [EDEMA] TGLs = 6-2			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-10			
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
	Glandular	Ulcer	Minimal
Note: [PIGMENT] TGLs = 10-8			
Thymus		Histiocytic Sarcoma	
		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1203	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 516
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Islets, Pancreatic
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland		

MISSING

Mammary Gland	Prostate

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Nose	Seminal Vesicle	Spleen	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Harderian Gland		Adenocarcinoma	
Kidney	Renal Tubule	Adenoma	
Note: [ADENOMA] TGLs = 1-5			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
Note: LUNG - TUMOR EMBOLE LOOK LIKE HARDERIAN TUMOR ALTHOUGH			
Note: HARDERIAN TUMOR DOESN'T LOOK THAT AGRESSIVE.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1204	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Brain		Mineralization	Minimal
Epididymis		Hypospermia	Moderate
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 1-12			
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 4,5,6-4+11			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 2-10			
Note: [ALV BRON ADEN] TGLs = 3-3			
Lymph Node	Bronchial	Hyperplasia	Minimal
	Mandibular	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 7-7			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Testes		Atrophy	Mild
		Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1204	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15495

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Necrosis	Minimal
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1205	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mandibular	Nose
Pituitary Gland	Prostate	Salivary Glands	Stomach - Glandular
Testes	Thyroid Gland		

MISSING

Lymph Node - Bronchial	Mammary Gland	Thymus

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 12-14			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 4-4			
Intestine Small	Jejunum	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 14-6			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	
		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Note: LIVER - TGL 8 THE LYMPHOMA HAS FOCI OF HEMORRHAGE AND			
Note: [LYMPH MAL LYMP] TGLs = 8-4+11			
Note: [HEMANGIOSARC] TGLs = 8-11			
Note: 1 LOBE HAS A HEMANGIOSARCOMA LESION.			
Note: [HEPATOCLR ADEN] TGLs = 9-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1205	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15496

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ALV BRON CARC] TGLs = 5,6-3			
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 11-15			
Note: [LYMPH MAL LYMP] TGLs = 15-13			
Mammary Gl			
Note: MAMMARY - TGL 16 APPEARS TO BE A LYMPH NODE.			
Mesentery	Fat	Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 7-17			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 13-16			
Preputial Gland	Bilateral	Carcinoma	
Note: [CARCINOMA] TGLs = 3-12			
Seminal Vesicle		Lymphoma Malignant Lymphocytic	
Skin	Prepuce	Inflammation	Suppurative, Moderate
Spleen		Hemangiosarcoma	Metastatic (Heart)
		Lymphoma Malignant Lymphocytic	
Note: [HEMANGIOSARC] TGLs = 2-10			
Note: [LYMPH MAL LYMP] TGLs = 1,2-4+10			
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 17-8			
Trachea		Inflammation	Suppurative, Minimal
Urinary Bladder		Dilatation	Mild
Note: [DILATATION] TGLs = 10-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1206	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 555
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Testes	Urinary Bladder	

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow		Mast Cell Tumor Nos	
Brain		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Harderian Gland		Hyperplasia	Marked
Intestine Large	Colon	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Kidney		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Liver		Hepatocellular Carcinoma	
		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: [HEPATOCLR CARC] TGLs = 2-10			
Lung	Alveolar Epith	Hyperplasia	Marked
Lymph Node	Mandibular	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
	Mediastinal	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
	Mesenteric	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Mesentery	Fat	Angiectasis	Marked
	Fat	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: [ANGIECTASIS] TGLs = 1-11			
Pharynx	Palate	Inflammation	Chronic, Moderate
	Palate	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Skin		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1206	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 555
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15497

ORGAN AND ACCOUNTABLE SITE STATUS

		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Stomach	Forestomach	Angiectasis	Minimal
	Epithelium, Forestomach	Hyperplasia	Marked
	Forestomach	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
	Glandular	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: [HYPERPLASIA] TGLs = 3-8			
Thymus		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Thyroid Gland		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1207	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 576
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Lymph Node - Mediastinal	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Brain		Hemorrhage	Minimal
Note: [HEMORRHAGE] TGLs = 8-1			
Heart		Cardiomyopathy	Mild
Kidney		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6,11-5			
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 1,2,5,10-4			
Lung		Hemorrhage	Moderate
		Histiocytic Sarcoma	
Note: [HEMORRHAGE] TGLs = 3-3			
Note: [HISTIO SARC] TGLs = 3-3			
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7-6			
Pancreas	Acinus	Histiocytic Sarcoma	
Skin			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1207	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 576
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15498

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SKIN - TGL 9 IS A NORMAL SQ LYMPHNODE.		
Spleen	Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 4-4		
Thymus	Necrosis	Mild
Thyroid Gland	Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1208	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 330
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus

OBSERVATIONS

Brain		Hemorrhage	Minimal
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 2-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 4-4			
Lung		Hemangiosarcoma	Metastatic (Heart)
		Hemorrhage	Marked
Note: [HEMANGIOSARC] TGLs = 5,1,3-3			
Note: [HEMORRHAGE] TGLs = 3-3			
Nose			
Note: TGL 5 - THIS GROSS LESION IS UNDOUBTABLY DUE TO LUNG			
Note: METASTASIS AND THERE ARE RBC'S IN THE NOSE CAVITY.			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Mild
Note: FROM WET TISSUE ON SLIDE 10 AND IT DOES HAVE A LESION.			
Note: SLIDE 8 FAS QUESTIONABLE FORESTOMACH LESION, RECUT IN			
Note: [HYPERPLASIA] TGLs = 6-10			
Note: [ULCER] TGLs = 6-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1208	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 330
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15499

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1209	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 567
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Thymus

OBSERVATIONS

Harderian Gland		Adenoma	
Islets, Pancreatic		Adenoma	
Kidney	Renal Tubule	Adenoma	
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Minimal
Note: [HEPATOCLR ADEN] TGLs = 4-12			
Note: [HEPATOCLR CARC] TGLs = 2,1-4+10+11			
Lung	Alveolar Epith	Hyperplasia	Minimal
Sem Ves			
Note: CAVITY - CHECKED BLOCK AND COULD FIND NO "MASS" ON STERNUM			
Urinary Bladder		Dilatation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1210	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
	Cortex	Hyperplasia	Mild
Brain		Mineralization	Minimal
Heart		Hemangiosarcoma	
Intestine Small	Jejunum, Peyers Patch	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 7-15			
Kidney		Nephropathy	Minimal
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
		Necrosis	Minimal
Note: HEPATOCLR LESION TGLS 3,4,5,6,12-4+10+11+12+13+14			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 1,2,9-3			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Congestion	Moderate
	Mesenteric	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 7-6			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1210	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15501

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [CONGESTION] TGLs = 8-6			
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Focal Cellular Change	Minimal
Skin	Subcut Tiss	Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 11-2			
Note: SKIN - TGL 11 IS IN SQ TISSUE NOT MAMMARY			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Minimal
Tooth		Inflammation	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1211	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 584
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thyroid Gland	Urinary Bladder

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain		Hemorrhage	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 5-11			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 3-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Infarct	Moderate
		Necrosis	Mild
Note: LIVER - TGL 7 MAY REPRESENT INFARCTED PORTION OF LIVER			
Note: OR POSSIBLY MESENTERIC FAT NECROSIS ADHERED TO LIVER.			
Note: [HEMANGIOSARC] TGLs = 1,2-4+10			
Note: [INFARCT] TGLs = 7-10			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 4-3			
Lymph Node	Bronchial	Congestion	Moderate
	Mesenteric	Congestion	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1211	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 584
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15502

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [CONGESTION] TGLs = 8-6			
Note: [CONGESTION] TGLs = 6-3			
Nose		Inflammation	Suppurative, Minimal
Stomach	Forestomach	Squamous Cell Papilloma	
Note: [SQ CL PAPILLOM] TGLs = 9-8			
Thymus		Necrosis	Mild
Tooth		Inflammation	Moderate
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1212	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Bone		Osteopetrosis	Mild
Note: [OSTEOPETROSIS] TGLs = 7-9+10			
Harderian Gland		Adenoma	
Heart	Endothelium	Hyperplasia	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 2,3,4,5,8-4+11+12+13			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Marked
Note: [ALV BRON ADEN] TGLs = 1-3			
Preputial Gland		Degeneration	Cystic, Mild
Note: [DEGEN] TGLs = 6-14			
Skin	Subcut Tiss	Angiectasis	Minimal
Note: [ANGIECTASIS] TGLs = 9-15			
Note: SUBCUT. NOT MAMMARY GL			
Note: SKIN - TGL 6 IS IN PREPUTIAL GL. AND TGL 9 IS IN SKIN,			
Stomach	Forestomach	Squamous Cell Papilloma	Multiple
	Forestomach	Ulcer	Minimal
Note: [SQ CL PAPILLOM] TGLs = 10-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1212	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15503

ORGAN AND ACCOUNTABLE SITE STATUS

Trachea	Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1213	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Epididymis		Hemangiosarcoma	Metastatic (Heart)
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 3-14			
Heart		Hemangiosarcoma	
Kidney		Hemangiosarcoma	Metastatic (Heart)
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 5-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemangiosarcoma	Metastatic (Heart)
	Alveolar Epith	Hyperplasia	Moderate
Note: [ALV BRON ADEN] TGLs = 2-3			
Note: [HEMANGIOSARC] TGLs = 1,9-3			
Lymph Node	Mediastinal	Hemangiosarcoma	Metastatic (Heart)
	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mandibular	Hyperplasia	Mild
Note: [HEMANGIOSARC] TGLs = 8-6			
Mesentery	Fat	Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 6,11-7+11			
Note: MESENTERY - TGL 6 & 11 ARE IN MESENTERY FAT. ADRENALS			
Note: NOT SEEN BUT MAY WELL HAVE BEEN DESTROYED BY TUMOR.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1213	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15504

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Focal Cellular Change	Minimal
Skin	Subcut Tiss	Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 7-12+13			
Note: SKIN - TGL 7 IS SUBCUT MASS NOT RECTUM.			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
Note: [HEMA CELL PROL] TGLs = 4-4+10			
Note: [HISTIO SARC] TGLs = 10-10			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 12-8			
Testes		Degeneration	Moderate
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1214	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 399
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW APPEARS GRANULOCYTIC.			
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 4-4			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 6-3			
Lymph Node	Mediastinal	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Minimal
Parathyroid Gland		Cyst	
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: INFLAMMATION IS ALSO CHRONIC.			
Note: [INFLAMMATION] TGLs = 1-10			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland		Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 5-2			
Urinary Bladder		Dilatation	Moderate
Note: [DILATATION] TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1214	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 399
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15505

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: PCOD MAY BE URETHRAL OBSTRUCTION SECONDARY TO PREPUTIAL
Animal Note: LESION.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1215	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 468
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Small - Ileum
Larynx	Lymph Node - Mandibular	Nose	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Testes
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Pancreas	Prostate	Seminal Vesicle	Stomach - Glandular
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Mineralization	Minimal
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant Lymphocytic	
Note: [ALV BRON ADEN] TGLs = 3-10			
Note: LUNG- BORDERLINE AB CARCINOMA.			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-3			
Note: [LYMPH MAL LYMP] TGLs = 5-11			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-4			
Thymus		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1-2			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1215	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 468
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15506

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1216	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 208
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Nose
Skin	Testes		

MISSING

Harderian Gland	Lymph Node - Mesenteric	Mammary Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Epididymis	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic
Heart		Lymphoma Malignant Lymphocytic
Lung		Lymphoma Malignant Lymphocytic
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic
	Mediastinal	Lymphoma Malignant Lymphocytic
	Renal	Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 5-5		
[Lymphoma Malignant Lymphocytic TGLS = 3-10]		
[Lymphoma Malignant Lymphocytic TGLS = 4-3]		
Stomach		
Note: STOMACH TOO AUTOLYZED TO INTERPRET TGL 1		
Thymus		Lymphoma Malignant Lymphocytic
[Lymphoma Malignant Lymphocytic TGLS = 2-10]		

PRIMARY CAUSE OF DEATH -

Animal Note: ALTHOUGH AOTOLYSIS IS SEVERE, SOME DIAGNOSIS CAN
Animal Note: BE MADE.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1217	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 510
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenocarcinoma	
		Adenoma	

Note: LOOKS TO CONTAIN HARDERIAN GLAND LIKE CELLS.
Note: [ADENOCARC] TGLs = 2-10
Note: [ADENOMA] TGLs = 3-12
Note: HARDERIAN GLAND - SMALL FOCUS OF ANAPLASTIC CELLS IN SLIDE
Note: 10 BUT THE REST IS TYPICAL OF AN ADENOMA. A LUNG FOCUS

Islets, Pancreatic		Hyperplasia	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	

Note: [HEPATOCLR CARC] TGLs = 5-11
Note: [HEPATOCLR ADEN] TGLs = 5-4+11

Lung		Adenocarcinoma	Metastatic (Harderian Gland)
		Alveolar/Bronchiolar Adenoma	
		Inflammation	Suppurative, Minimal

Note: [ALV BRON ADEN] TGLs = 4-3
Note: [ADENOCARC] TGLs = 4-3

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1217	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 510
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15508

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mandibular	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 1-7			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 6-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1218	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Kidney	Larynx	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Salivary Glands	Seminal Vesicle
Stomach - Glandular	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Parathyroid Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Epididymis		Hypospermia	Marked
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-12			
Heart		Hemangiosarcoma	
Islets, Pancreatic		Hyperplasia	Minimal
Liver		Hepatocellular Carcinoma	Multiple
		Infarct	Marked
Note: BUT GHOST CELL PATTERN IS SUCH THAT A HEPATOCELLULAR			
Note: [INFARCT] TGLs = 3-4+10			
Note: LIVER - TGL 3 IS NECROTIC DUE TO PROBABLE INFARCTION			
Note: CARCINOMA HAD TO HAVE BEEN PRESENT.			
Note: [HEPATOCLR CARC] TGLs = 3,4-10+11			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 7-3			
Note: [ALV BRON ADEN] TGLs = 6-3			
Lymph Node	Mandibular	Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1218	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15509

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Mild
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 2-13			
Note: SKIN - TGL 5 IS A SUBCUT LYMPH NODE NOT A LESION.			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Squamous Cell Papilloma	
Note: SAW EVIDENCE OF FORESTOMACH MASS. THEREFORE REMOVED			
Note: EPITHELIUM SUGGESTIVE OF A LESION. RE-EXAMINED BLOCK &			
Note: STOMACH - ORIGINAL SLIDE HAD TINY FOCUS OF SQUAMOUS			
Note: FROM BLOCK AND RE-EMBEDDED AND FOUND THE PAPILLOMA.			
Testes		Atrophy	Marked
Note: [ATROPHY] TGLs = 8-7			
Thymus		Necrosis	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1219	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Mild
Heart		Hemangiosarcoma	
		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 10-5			
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 4,5,6,7,8,13-4+12+13			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Lymphoma Malignant Lymphocytic	
Note: ALV BRON TGLS 1,2-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 11-6			
Note: [LYMPH MAL LYMP] TGLs = 3-4+11			
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Focal Cellular Change	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1219	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15510

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 9-4+10		
Thymus	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-4+11		
Tooth	Inflammation	Mild
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: ARE PROBABLY IN THIS MASS OF LYMPHOMA
Animal Note: THORACIC CAVITY - MEDIASTINAL LYMPH NODES AND THYMUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1220	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 262
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Rectum	Islets, Pancreatic	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea			
MISSING			
Harderian Gland	Intestine Small - Duodenum	Mammary Gland	
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum
Intestine Small - Jejunum	Seminal Vesicle	Stomach - Glandular	Urinary Bladder
INSUFFICIENT TISSUE			
Larynx			
OBSERVATIONS			
Kidney		Inflammation	Suppurative, Minimal
Skin		Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1221	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Bone Marrow		Mast Cell Tumor Nos	
Note: MAST CELL STAINING IS VARIABLE.			
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 2-9+12			
Liver		Hepatocellular Adenoma	
		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: GEIMSA SPECIAL STAIN ON LIVER SECTION WAS POSITIVE			
Note: & SHOWED MAST CELLS.			
Note: [HEPATOCLR ADEN] TGLs = 4-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Angiectasis	Mild
	Alveolar Epith	Hyperplasia	Mild
		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: ALV BRON NEOPLASM TGLS 6,7-3			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mandibular	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
	Mediastinal	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
		Mast Cell Tumor Nos	Metastatic (Bone Marrow)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1221	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15512

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [MAST CL TM NOS] TGLs = 1-7			
Mesentery	Fat	Angiectasis	Moderate
	Fat	Inflammation	Chronic, Mild
	Fat	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: [ANGIECTASIS] TGLs = 8-11			
Nose		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Skin		Inflammation	Chronic, Moderate
Note: [INFLAMMATION] TGLs = 5-10			
Spleen		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: [MAST CL TM NOS] TGLs = 3-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: [HYPERPLASIA] TGLs = 9-8			
Thymus		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1222	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial	Lymph Node - Mediastinal
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-12			
Kidney		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Clear Cell Focus	
		Hemangioma	
		Hepatocellular Adenoma	
Note: [HEMANGIOMA] TGLs = 4-4			
Note: [CLEAR CL FOCUS] TGLs = 5-10			
Note: [HEPATOCLR ADEN] TGLs = 6-11			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: [ALV BRON ADEN] TGLs = 7-3			
Note: [HYPERPLASIA] TGLs = 8-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
Mesentery	Fat	Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1222	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15513

ORGAN AND ACCOUNTABLE SITE STATUS

	Fat	Hemangioma	Multiple
Note: [HEMANGIOMA] TGLs = 1,9-7+14			
Note: [ANGIECTASIS] TGLs = 2-13			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
Testes			
Note: TESTES - TGL 9 IS IN MESENTERIC FAT NEXT TO TESTIS			
Note: (ADHERED).			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1223	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Nose	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Urinary Bladder	

MISSING

Mammary Gland	Pituitary Gland	Thymus

OBSERVATIONS

Brain		Mineralization	Minimal
Epididymis		Hypospermia	Mild
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Heart		Hemangiosarcoma	
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 2-3			
Note: [ALV BRON ADEN] TGLs = 4-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Hyperplasia	Minimal
Note: [ANGIECTASIS] TGLs = 6-6			
Mesentery	Fat	Angiectasis	Mild
	Fat	Hemangioma	
Note: [ANGIECTASIS] TGLs = 5-11			
Note: [HEMANGIOMA] TGLs = 5-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1223	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15514

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Hyperplasia	Minimal
Testes		Atrophy	Moderate
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1224	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 489
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Gallbladder	Prostate
Stomach - Glandular	Urinary Bladder		

OBSERVATIONS

Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-10			
Liver		Inflammation	Granulomatous, Focal, Mild
Note: INFLAMMATION NOT RESPONSIBLE FOR TGL 7.			
Lung	Alveolar Epith	Hyperplasia	Minimal
Note: IT IS NOT CONSIDERED SIGNIFICANT IN AN EARLY DEATH IN			
Note: LUNG - WHILE TGL 2 IS PROBABLY RELATED TO CONGESTION			
Note: A CHRONIC STUDY.			
Seminal Vesicle		Inflammation	Suppurative, Marked
Note: SEMINAL VESICLE - PCOD PROBABLY RELATED IN SOME WAY.			
Note: [INFLAMMATION] TGLs = 4-8			
Spleen		Thrombosis	Moderate
Note: CAN'T TELL IF HEMANGIOSARCOMA DUE TO AUTOLYSIS.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1225	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 512
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Penis	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Esophagus	Intestine Large - Rectum	Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-11			
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
Note: [HEPATOCLR CARC] TGLs = 1,2-4+10			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Dilatation	Mild
Note: [DILATATION] TGLs = 5-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1226	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 513
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 2-11			
Liver	Centrilobular	Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 3-10			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON ADEN] TGLs = 1-3			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1227	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 608
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone Marrow	Epididymis	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Urinary Bladder
MISSING			
Lymph Node - Bronchial	Lymph Node - Mesenteric	Mammary Gland	Thymus
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone		Developmental Malformation	
Note: [DEVELOP MALFOR] TGLs = 4-10			
Brain		Mineralization	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 2,3-4			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 1-3			
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1228	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain		Mineralization	Minimal
Heart		Hemangiosarcoma	
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 3,4,5-4+10			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Lymphoid, Mild
	Alveolus	Infiltration Cellular	Histiocyte, Marked
Note: ALV BRON TGLS 1,6,7-3			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Bronchial	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Minimal
Mesentery	Fat	Angiectasis	Moderate
Note: [ANGIECTASIS] TGLs = 8-11			
Preputial Gland	Duct	Dilatation	Marked
Note: [DILATATION] TGLs = 2-12			
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1228	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15519

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1229	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 512
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Brain		Inflammation	Chronic, Mild
		Mineralization	Minimal
Note: BRAIN- FOCAL AREA OF CEREBRUM NEAR MENINGES OF MIXED-CELL			
Note: INFILTRATE AND CAPILLARY PROMINENCE.			
Harderian Gland		Adenoma	
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 2-3			
Note: [INFILTRAT CELL] TGLs = 1-3			
Lymph Node	Bronchial	Hyperplasia	Moderate
	Mediastinal	Hyperplasia	Minimal
Note: [HYPERPLASIA] TGLs = 3-3			
Note: [HYPERPLASIA] TGLs = 4-2			
Nose		Inflammation	Suppurative, Minimal
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1229	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 512
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15520

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1230	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-10			
Heart	Endothelium	Hyperplasia	Mild
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: [ALV BRON CARC] TGLs = 2-3			
Tooth		Inflammation	Marked
Note: PROMINENT INFLAMMATION AROUND TEETH ON THE HISTO SECTION			
Note: TOOTH - TGL 1 OF MISSING TOOTH MAY BE RELATED TO			
Note: [INFLAMMATION] TGLs = 1-9			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1231	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 231
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic
Heart		Lymphoma Malignant Lymphocytic
Liver		
Note: NO CONVINCING LESIONS TO ACCOUNT FOR TGL-3		
Lung		Lymphoma Malignant Lymphocytic
Note: WITH NO APPARENT LESIONS TO ACCOUNT FOR TGL-2.		
Note: RECUT SHOWS SMALL PORTION OF PROBABLE INTERMEDIATE LOBE		
Note: BLOCK ALSO SHOWED NO DARK SPOT.		
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic
	Mediastinal	Lymphoma Malignant Lymphocytic
Pituitary Gl		
Note: WHAT IS PRESENT IS NORMAL.BLOCK HAS LITTLE LEFT.		
Note: RECUT UNLIKELY TO BE PROFITABLE.		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1231	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 231
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15522

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus [Lymphoma Malignant Lymphocytic TGLS = 1-10]	Lymphoma Malignant Lymphocytic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1232	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 440
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 6-12			
Heart		Lymphoma Malignant Lymphocytic	
Liver			
Note: TGL 5 SEEMS TO BE ON SLIDE 4, NOT SLIDE 11. EVALUATION OF			
Note: BLOCK #11 INDICATES RECUT WOULDN'T BE PRODUCTIVE.			
Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-2+10			
Note: [LYMPH MAL LYMP] TGLs = 4-3			
Pituitary Gland	Pars Distalis	Cyst	
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Mild
Note: [HYPERPLASIA] TGLs = 7-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1,2-2+10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1232	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 440
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15523

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1233	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 658
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Bone		Developmental Malformation	
Note: [DEVELOP MALFOR] TGLs = 2-10			
Heart		Hemangiosarcoma	
Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 4-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON ADEN] TGLs = 3-3			
Lymph Node	Mesenteric	Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 1-4+11			
Note: MESENTERIC LYMPH NODE - HEMANGIOSARCOMA MAY WELL BE			
Note: PRIMARY HERE.			
Nose		Inflammation	Suppurative, Minimal
Thymus		Necrosis	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Note: THYROID - CELL TYPE IS UNUSUAL - POSSIBLE HURTHLE CELL?			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1234	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mediastinal	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Cortex	Hypertrophy	Mild
Harderian Gland		Adenoma	
Kidney		Hemangiosarcoma	Metastatic (Mesentery)
Liver		Basophilic Focus	
		Eosinophilic Focus	
Note: [BASOPH FOCUS] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 1,2-3			
Mesentery	Fat	Hemangiosarcoma	
Note: LYMPH NODE.			
Note: MESENTERY - MASS MAY BE IN THE MISSING MESENTERIC			
Note: [HEMANGIOSARC] TGLs = 4-5+7			
Nose		Inflammation	Suppurative, Minimal
Prostate		Inflammation	Suppurative, Minimal
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1234	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15525

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1235	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 629
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Esophagus	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Heart		Hemangiosarcoma	
Kidney		Infiltration Cellular	Histiocyte, Minimal
Note: SPECIAL STAIN (T-BLUE) WAS NEGATIVE FOR MAST CELLS.			
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 1-3			
Lymph Node	Bronchial	Hyperplasia	Moderate
	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Mild
Note: NASAL SECTION.			
Note: NOSE - INFLAMMATION IS AROUND FOREIGN BODY IN LAST			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1236	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 638
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland			

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Harderian Gland		Hyperplasia	Marked
Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: [HEPATOCLR ADEN] TGLs = 3,4-10+11			
Note: [HEPATOCLR CARC] TGLs = 2-4			
Lung	Alveolar Epith	Hyperplasia	Minimal
Testes		Degeneration	Minimal
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal
Urinary Bladder		Dilatation	Mild
Note: [DILATATION] TGLs = 1-12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1237	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 481
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Liver		Basophilic Focus	
Note: [BASOPH FOCUS] TGLs = 2-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Marked
		Inflammation	Suppurative, Moderate
Note: [ALV BRON CARC] TGLs = 1-3			
Lymph Node	Bronchial	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 3-3			
Nose		Inflammation	Suppurative, Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1238	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
	Endothelium	Hyperplasia	Mild
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 5-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 1,2-3			
Nose		Inflammation	Suppurative, Minimal
Penis		Inflammation	Suppurative, Moderate
Prostate		Inflammation	Suppurative, Minimal
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 3-12			
Thymus		Necrosis	Mild
Thyroid Gland		Inflammation	Minimal
Note: [INFLAMMATION] TGLs = 6-2			
Urinary Bladder		Dilatation	Moderate
	Transit Epithe	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1238	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15529

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Mild

Note: URINARY BLADDER - CONTAINS MINERALIZED DEBRIS.
Note: [DILATATION] TGLs = 4-11

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1239	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 488
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Bone Marrow	Brain	Ear
Epididymis	Esophagus	Harderian Gland	Heart
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Mammary Gland	Nose	Salivary Glands	Skin
Spleen	Testes		
MISSING			
Parathyroid Gland	Thymus		
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mesenteric	Pancreas	Prostate	Seminal Vesicle
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Ear			
Note: THEREFORE EAR MAY HAVE BEEN CHEWED OFF AFTER DEATH.			
Note: EAR - NO APPARENT LESIONS WERE SEEN HISTOLOGICALLY			
Liver		Hepatocellular Adenoma	
Note: THAT MAY BE PRESENT.			
Note: [HEPATOCLR ADEN] TGLs = 3-4			
Note: LIVER - AUTOLYSIS HINDERS EVALUATION OF ONE LIVER MASS			
Mesentery	Fat	Inflammation	Chronic, Moderate
Note: [INFLAMMATION] TGLs = 1-10			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1240	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Gallbladder		Hyperplasia	Moderate
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Mild
Note: HEPATPCLR NEOPLASM TGLS 2,3-4+10+11			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Marked
Note: [ALV BRON CARC] TGLs = 1-3			
Mesentery	Fat	Hemangioma	
Note: [HEMANGIOMA] TGLs = 4-12			
Seminal Vesicle		Inflammation	Suppurative, Marked
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Necrosis	Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1241	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 514
	DOSE: 200 PPM SE40	**DISP:** Dead	**HISTO:** 15532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Kidney	Larynx	Lung	Lymph Node - Bronchial
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Testes	Thyroid Gland	Trachea	
MISSING			
Lymph Node - Mandibular	Mammary Gland		
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Prostate	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Urinary Bladder
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Note: [LYMPH MAL] TGLs = 1-2			
Note: [LYMPH MAL] TGLs = 3-10			
Nose		Inflammation	Suppurative, Minimal
Thymus		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1242	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 611
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Brain		Histiocytic Sarcoma	
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 7-14			
Heart	Endothelium	Hyperplasia	Minimal
Kidney	Renal Tubule	Adenoma	
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6-5			
Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Carcinoma	Multiple
		Histiocytic Sarcoma	
Note: [HEPATOCLR CARC] TGLs = 4,5-12+11			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Moderate
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-3			
Note: [ALV BRON ADEN] TGLs = 9-3			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1242	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 611
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15533

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMORRHAGE] TGLs = 2-3			
Lymph Node	Mandibular	Hematopoietic Cell Proliferation	Mild
	Mandibular	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [HEMA CELL PROL] TGLs = 1-7			
Note: [HISTIO SARC] TGLs = 8-13			
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
Note: [HEMA CELL PROL] TGLs = 3-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1243	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mediastinal
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urethra	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Epididymis		Hypospermia	Marked
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 4-11			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 2-4			
Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON CARC] TGLs = 3-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Hyperplasia	Mild
Testes		Atrophy	Moderate
		Mineralization	Mild
Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1243	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 200 PPM SE40	**DISP:** Terminal Sacrifice	**HISTO:** 15534

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1244	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 7-9			
Heart		Hemangiosarcoma	
Intestine Small	Duodenum	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 5-10			
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASM TGLS 2,3-4+11			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 1-3			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-13			
Mesentery	Fat	Inflammation	Chronic, Minimal
Note: [INFLAMMATION] TGLs = 6-12			
Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1244	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15535

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1245	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal
Nose	Pancreas	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland

INSUFFICIENT TISSUE

Salivary Glands

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Mast Cell Tumor Nos	
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Kidney	Renal Tubule	Adenoma	
Note: [ADENOMA] TGLs = 4-5			
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 1,3-4			
Lung		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Angiectasis	Marked
	Bronchial	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [ANGIECTASIS] TGLs = 5-10			
Note: [HISTIO SARC] TGLs = 5-3+6+10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1245	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15536

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
	Forestomach	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Thymus		Necrosis	Mild
Tooth		Inflammation	Mild
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1246	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mediastinal	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 1,2-12			
Heart	Endothelium	Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 4,5-11			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mandibular	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 7-7			
Mesentery	Fat	Angiectasis	Marked
Note: [ANGIECTASIS] TGLs = 8-13			
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes		Atrophy	Mild
Thyroid Gland	Follicular Cel	Adenoma	
Zymbal's Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 3-14			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1246	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15537

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1247	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 407
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Kidney		Pigmentation	Hemosiderin, Moderate
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 2,3-4			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Marked
Note: BORDERLINE A/B ADENOMA.			
Pancreas	Acinus	Atrophy	Minimal
Skin	Subcut Tiss	Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1,5-10			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 4-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1248	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Penis	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland		

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Brain		Hemorrhage	Minimal
Heart	Endothelium	Hyperplasia	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Granulomatous, Focal, Minimal
Note: [HEPATOCLR CARC] TGLs = 7-4			
Note: [HEPATOCLR ADEN] TGLs = 6-10			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: [ALV BRON CARC] TGLs = 4-3			
Pituitary Gland	Pars Intermed	Adenoma	
Note: [ADENOMA] TGLs = 5-8			
Preputial Gland		Inflammation	Suppurative, Marked
Note: PREPUTIAL GLAND- THIS LESION PROBABLY RESULTED IN			
Note: [INFLAMMATION] TGLs = 2-12			
Note: BASIC LESION IS IN PREPUCE & PREPUTIAL GLAND.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1248	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15539

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PARAPHYMOSIS OBSERVED. SMALL SECTION OF PENIS IS NORMAL.

Skin	Subcut Tiss	Hemangioma	
	Prepuce	Inflammation	Suppurative, Moderate
Tooth		Inflammation	Mild
Trachea		Inflammation	Suppurative, Minimal
Urinary Bladder		Dilatation	Mild

Note: [DILATATION] TGLs = 3-11

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1249	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-10			
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 4,5-4+11			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 1-3			
Lymph Node	Mandibular	Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1250	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 481
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Epididymis	Muscularis	Hyperplasia	Moderate
Note: SPECIAL STAIN (MASSONS) WAS POSITIVE FOR MUSCLE			
Note: IDENTIFICATION.			
Harderian Gland		Hyperplasia	Marked
Heart	Pericardium	Inflammation	Chronic, Minimal
Liver		Angiectasis	Minimal
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Pleura	Inflammation	Chronic, Marked
Note: [ALV BRON CARC] TGLs = 1-3+10			
Lymph Node	Mediastinal	Inflammation	Marked
Mesentery	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 2-11			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1250	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 481
	DOSE: 200 PPM SE40	**DISP:** Moribund	**HISTO:** 15541

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1401	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Intestine Large - Rectum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Thymus

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

OBSERVATIONS

Bone Marrow		Mast Cell Tumor Nos	
Epididymis		Inflammation	Chronic, Mild
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 2-9+11			
Heart		Hemangiosarcoma	
Kidney	Renal Tubule	Adenoma	
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: [HEPATOCLR ADEN] TGLs = 5-4			
Note: [HEPATOCLR CARC] TGLs = 4-10			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON ADEN] TGLs = 1-3			
Note: [HYPERPLASIA] TGLs = 1-3			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Spleen		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: [MAST CL TM NOS] TGLs = 3-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1401	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15542

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1402	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 664
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Esophagus	Gallbladder	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Harderian Gland	Bilateral	Adenoma	
Liver		Angiectasis	Mild
		Necrosis	Moderate
		Thrombosis	Moderate
Note: [THROMBUS] TGLs = 5-4			
Note: [NECROSIS] TGLs = 5-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 1,2-3			
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6,7-5+6+11			
Preputial Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 3-12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1402	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 664
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15543

ORGAN AND ACCOUNTABLE SITE STATUS

Skin			
Note: IN LIFE DATA INDICATED SKIN MASS WAS IN GROIN AREA.			
Note: SKIN - TGL 3 APPEARS TO BE PREPUTIAL TUMOR NOT SKIN.			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Moderate
Thyroid Gland	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1403	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 639
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Testes	Thyroid Gland	Urinary Bladder	

MISSING

Mammary Gland	Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Harderian Gland	Bilateral	Adenoma	
Heart	Endothelium	Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Necrosis	Mild
Note: [HEPATOCLR ADEN] TGLs = 4-4			
Note: [HEMANGIOSARC] TGLs = 2,3,9-10			
Note: FOCUS OF HEMANGIOSARCOMA (TGL 3).			
Note: LIVER - LARGE FOCUS OF HEMORRHAGE AND THROMBOSIS IN A			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
		Hemangiosarcoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [HEMANGIOSARC] TGLs = 5-3			
Note: THAT RESEMBLE THOSE OF POSSIBLE HEMANGIOSARCOMA.			
Note: LUNG - HEMORRHAGE IN LUNG RELATED TO TUMOR EMBOLI			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1403	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 639
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15544

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ALV BRON ADEN] TGLs = 6-3			
Note: [ALV BRON CARC] TGLs = 6-3			
Lymph Node	Bronchial	Hematopoietic Cell Proliferation	Mild
	Mediastinal	Hematopoietic Cell Proliferation	Mild
Preputial Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 7-11			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 1-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: [HYPERPLASIA] TGLs = 10-8			
Note: [PIGMENT] TGLs = 8-8			
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1404	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 289
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
Liver	Centrilobular	Degeneration	Fatty, Minimal
		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-7]			
[Lymphoma Malignant Lymphocytic TGLS = 5-6+11]			
[Lymphoma Malignant Lymphocytic TGLS = 1-2]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Thymus		Inflammation	Suppurative, Moderate
		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1404	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 289
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15545

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: BACTEREMIC

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1405	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 425
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Jejunum

INSUFFICIENT TISSUE

Intestine Small - Duodenum

OBSERVATIONS

Harderian Gland	Adenoma	
Heart	Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 2,5-4		
Liver	Hemangiosarcoma	Metastatic (Heart)
	Hepatocellular Adenoma	
Note: HEPATOCELLULAR TUMOR HAS CELLE IN A VEIN. HEMANGIOSARCOMA		
Note: [HEPATOCLR ADEN] TGLs = 7-10		
Note: PRESENT WITHIN LIVER TUMOR.		
Note: [HEMANGIOSARC] TGLs = 8-4+10		
Lung	Alveolar/Bronchiolar Adenoma	
	Hemangiosarcoma	Metastatic (Heart)
Note: SOLID AND MAY ACCOUNT FOR TGL 9 + 10. ONE AB ADENOMA IS		
Note: PRESENT BUT LOBE IS DETACHED AND CAN'T TELL IF APICAL OR		
Note: SEVERE HEMORRHAGE ACCOMPANYING THE METASTATIC ACCOUNTS FOR		
Note: [ALV BRON ADEN] TGLs = 9,10-3		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1405	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 425
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15546

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMANGIOSARC] TGLs = 1,2,3,4,9,10-3			
Note: FLUID OF TGL 1,2,3. SOME METASTATIC NODULES ARE FAIRLY			
Note: PRODUCTIVE.			
Note: CARDIAC. RECHECK OF BLOCK INDICATES RECUT WOULDN'T BE			
Pancreas	Acinus	Hyperplasia	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Testes		Angiectasis	Minimal
Note: [ANGIECTASIS] TGLs = 6-7			
Thymus		Necrosis	Minimal
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1406	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 720
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Urinary Bladder			

MISSING

Esophagus	Mammary Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Harderian Gland	Bilateral	Adenocarcinoma	
Note: [ADENOCARC] TGLs = 4,5-14			
Note: POPULATIONS WITH THE ADENOCARCINOMA AND IS COMPATIBLE			
Note: HARDERIAN GL. - ALTHOUGH TUMOR IS WELL DIFFERENTIATED			
Note: THE LUNG LESIONS APPEAR METASTATIC AND HAVE FOAM CELL			
Note: WITH HARDERIAN TISSUE.			
Heart		Hemangiosarcoma	
Intestine Small	Jejunum	Hemangiosarcoma	Metastatic (Heart)
	Ileum, Peyers Patch	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 13-6			
Note: [HEMANGIOSARC] TGLs = 9-6			
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASM TGLS 11,12-4+11			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1406	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 720
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15547

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOCARC] TGLs = 1,2,3-3			
Lymph Node	Mesenteric	Angiectasis	Marked
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: [ANGIECTASIS] TGLs = 10-13			
Mesentery	Fat	Angiectasis	Moderate
	Fat	Hemangiosarcoma	Metastatic (Heart)
Note: [ANGIECTASIS] TGLs = 14-12			
Note: [HEMANGIOSARC] TGLs = 14-12			
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Focal Cellular Change	Minimal
Preputial Gland		Angiectasis	Moderate
	Bilateral	Carcinoma	
Note: [CARCINOMA] TGLs = 6,7-15			
Note: [ANGIECTASIS] TGLs = 6-15			
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 8-4+10			
Note: [HEMA CELL PROL] TGLs = 8-4+10			
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1407	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 364
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow		Atrophy	Marked
Brain		Mineralization	Minimal
Heart		Hemangiosarcoma	
		Mineralization	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Spleen		Depletion Lymphoid	Mild
		Hematopoietic Cell Proliferation	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1408	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 364
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Larynx	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-9			
Brain		Hemorrhage	Mild
		Histiocytic Sarcoma	
Note: NOT CONVINCED WOULD CAUSE TGL 7			
Heart		Hemangiosarcoma	
		Necrosis	Mild
Intestine Small	Jejunum	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-6			
Kidney		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6-5			
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 2-4			
Lung		Hemorrhage	Moderate
		Histiocytic Sarcoma	
Note: [HEMORRHAGE] TGLs = 3-3			
Lymph Node	Mediastinal	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1408	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 364
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15549

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-2+10			
Spleen		Histiocytic Sarcoma	
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1409	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 554
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Lymph Node - Mandibular

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Eye	Cornea	Inflammation	Chronic, Mild
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 4-10			
Heart	Endothelium	Hyperplasia	Minimal
Intestine Small	Ileum	Histiocytic Sarcoma	
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 2-4			
Lung		Hemorrhage	Marked
		Histiocytic Sarcoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Pigmentation	Hemosiderin, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1409	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 554
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15550

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMORRHAGE] TGLs = 3,1-3			
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-6			
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1410	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 443
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Liver		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Basophilic Focus	
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 2-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole, Epithelium	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 3,4-3+10			
Lymph Node	Mediastinal	Hyperplasia	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 5-8			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1411	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 328
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
OBSERVATIONS			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 4-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 1,2-4			
Lung		Hemangiosarcoma	Metastatic (Heart)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [HEMANGIOSARC] TGLs = 3-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1412	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 506
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Lymph Node - Mandibular	Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Hemangiosarcoma	
Liver	Centrilobular	Degeneration	Fatty, Mild
		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	Multiple
		Necrosis	Minimal
Note: [HEPATOCLR ADEN] TGLs = 4,3-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 6,2-3			
Note: [ALV BRON ADEN] TGLs = 1-3			
Note: LUNG - HAVEN'T DIAGNOSED HEMORRHAGE AND HEMOSIDERIN IN			
Note: MACROPHAGES WHEN PRESENT WITH METASTATIC HEMANGIOSARCOMA.			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 7-8			
Thymus		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1412	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 506
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15553

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder	Transit Epithe	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1413	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 217
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Rectum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mediastinal	Nose
Pancreas	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Testes	Thyroid Gland
Trachea			

MISSING

Adrenal Gland - Medulla	Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Spleen	Stomach - Glandular
Urinary Bladder			

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
Heart		Mineralization	Minimal
	Atrium	Thrombosis	Minimal
Liver	Centrilobular	Necrosis	Mild
Note: [NECROSIS] TGLs = 2-4			
Lung		Lymphoma Malignant	
Lymph Node	Axillary	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Note: [LYMPH MAL] TGLs = 5-11			
Note: [LYMPH MAL] TGLs = 4-10			
[Lymphoma Malignant TGLS = 7-6]			
[Lymphoma Malignant TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1413	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 217
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15554

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen			
Note: NEAR MESENTERIC ATTACHMENT.			
Note: TGL-6 MAY BE A FOCUS OF EXCESSIVELY AUTOLYTIC TISSUE			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: CELL TYPE INDENTIFICATION OF LYMPHOMA
Animal Note: STILL BE MADE. AUTOLYSIS PREVENTS
Animal Note: SOME LYMPHOCYTIC).
Animal Note: AUTOLYSIS INTERFERES WITH SOME TISSUE
Animal Note: (IN SOME IT SEEMS HISTIOCYTIC AND IN
Animal Note: INTERPRETATION BUT SOME DIAGNOSIS CAN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1414	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 539
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Skin

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 4,5-4			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 1-3			
Mesentery	Fat	Hemorrhage	Moderate
Note: [HEMORRHAGE] TGLs = 3-10			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 6-8			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1415	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 479
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Jejunum

OBSERVATIONS

Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 7-9			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 2,3-4			
Lung		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 1-3			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 5-10			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 4-4			
Testes		Angiectasis	Minimal
Note: [ANGIECTASIS] TGLs = 6-7			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1416	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 494
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Brain		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 3-1			
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Intest Small			
Note: SMALL INTESTINE - TGL 8 APPEARS TO BE IN MESENTERY			
Note: CLOSE TO SMALL GUT.			
Kidney		Hemangiosarcoma	Metastatic (Heart)
Liver		Hemangiosarcoma	Metastatic (Heart)
	Centrilobular	Necrosis	Mild
Note: [HEMANGIOSARC] TGLs = 6-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
	Alveolar Epith	Hyperplasia	Minimal
Note: [HEMANGIOSARC] TGLs = 2-3			
Note: [ALV BRON ADEN] TGLs = 10-3			
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7-6			
Mesentery	Fat	Hemangiosarcoma	Metastatic (Heart)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1416	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 494
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15557

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMANGIOSARC] TGLs = 8-6			
Nose		Inflammation	Suppurative, Minimal
Skin	Sebaceous Gl	Adenoma	
	Subcut Tiss	Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 9-11			
Note: [ADENOMA] TGLs = 1-10			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Squamous Cell Papilloma	
Note: [SQ CL PAPILLOM] TGLs = 11-8			
Testes		Angiectasis	Minimal
Note: [ANGIECTASIS] TGLs = 4-7			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1417	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 382
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pituitary Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Brain		Hemorrhage	Minimal
Note: [HEMORRHAGE] TGLs = 7-1			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 3-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Carcinoma	
	Centrilobular	Necrosis	Marked
Note: [HEMANGIOSARC] TGLs = 5,6,10-4+10			
Note: [NECROSIS] TGLs = 4,8-4+10			
Note: [HEPATOCLR CARC] TGLs = 10-10			
Note: SLIDE 10 HAS METASTSATIC HEMANGISARCOMA AND APPARENT			
Note: TUMOR EMBOLI IN LUNG.			
Note: TRABECULAE INSIDE HEMANGIOSARCOMA LESION AND LIVER CELL			
Note: HEPATOCELLULAR CARCINOMA. LIVER CELLS HUGE AND SOME			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Mild
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1417	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 382
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15558

ORGAN AND ACCOUNTABLE SITE STATUS

Note: A COUPLE OF LUNG ADENOMAS ARE BORDERLINE A/B CARCINOMAS.
Note: PERHAPS MIS-WROTE GROSS SITE. (2 SLIDES OF LUNG ALREADY).
Note: RECHECK OF BLOCK INDICATES RECUT MAY NOT BE PRODUCTIVE.
Note: LARGEST LESIONS ON DIAPHRAGM LOBE. NONE SEEN ON LEFT LOBE.
Note: [ALV BRON ADEN] TGLs = 2-3
Note: [HEMORRHAGE] TGLs = 1-3

Pancreas	Acinus	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular	Pigmentation	Hemosiderin, Minimal
	Glandular	Ulcer	Minimal
Note: [HYPERPLASIA] TGLs = 9-8			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1418	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Mesenteric	Mammary Gland	Thymus

OBSERVATIONS

Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 5-9+10			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1,2-4			
Kidney		Hemangiosarcoma	Metastatic (Heart)
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 6-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 3,4-3			
Note: [ALV BRON ADEN] TGLs = 4-3			
Lymph Node	Mandibular	Hyperplasia	Moderate
	Mediastinal	Hyperplasia	Mild
Note: LYMPH NODE - MEDIASTINAL NODE IS ALSO CONGESTED.			
Note: [HYPERPLASIA] TGLs = 8-2			
Note: [HYPERPLASIA] TGLs = 10-7			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hemangiosarcoma	Metastatic (Heart)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1418	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15559

ORGAN AND ACCOUNTABLE SITE STATUS

	Hematopoietic Cell Proliferation	Mild
Note: [HEMANGIOSARC] TGLs = 9-4		
Trachea	Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH -		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1419	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 438
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hematocyst	Minimal
	Cortex	Hypertrophy	Minimal
Brain		Hemorrhage	Moderate
Note: [HEMORRHAGE] TGLs = 5-1			
Heart		Hemangiosarcoma	
Kidney		Hemangiosarcoma	Metastatic (Heart)
Liver		Hemangiosarcoma	Metastatic (Heart)
		Necrosis	Moderate
Note: [HEMANGIOSARC] TGLs = 1,4-4			
Lung		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 1,2-3			
Mesentery	Fat	Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 1,3-11			
Skin	Subcut Tiss	Hemorrhage	Minimal
Note: [HEMORRHAGE] TGLs = 6-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1419	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 438
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15560

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Note: [HYPERPLASIA] TGLs = 8-8			
Thyroid Gland		Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1420	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 635
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Kidney	Larynx	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Glandular	Testes	Thyroid Gland
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland	Skeletal Muscle	Thymus

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 9-13			
Heart		Hemangiosarcoma	
Liver		Hepatocellular Adenoma	Multiple
		Squamous Cell Carcinoma	Metastatic (Stomach)
Note: POSSIBLY THE 2ND NEW ONE, THEREFORE HAVE BETTER TGL			
Note: NEW LIVER MASS THAT HADN'T PREVIOUSLY BEEN CUT IN AND			
Note: CORRELATION THEN ORIGINALLY.			
Note: [HEPATOCLR ADEN] TGLs = 1,6-4+10+14			
Note: LIVER - RECHECKED WET TISSUE AND FOUND AT LEAST 1 MORE			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [ALV BRON CARC] TGLs = 4,8,10-3			
Lymph Node	Bronchial	Squamous Cell Carcinoma	Metastatic (Stomach)
	Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach)
	Mesenteric	Squamous Cell Carcinoma	Metastatic (Stomach)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1420	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 635
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15561

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH NODE - A MESENTERIC NODE IS ON SLIDE #11.			
Mesentery	Fat	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [SQUAM CEL CARC] TGLs = 2-4+5+8+12+14			
Pancreas	Acinus	Focal Cellular Change	Minimal
Skel Muscle			
Note: SKELETAL MUSCLE - RECUT IN POSSIBLE SKEL MUSCLE BUT			
Note: WAS MESENTERIC FAT.			
Note: SKELETAL MUSCLE - COULD NOT FIND IN WET TISSUE. WAS			
Note: PROBABLY METASTATIC SQUAMOUS CELL CARCINOMA.			
Skin	Subcut Tiss	Edema	Moderate
Note: [EDEMA] TGLs = 7-2			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: STOMACH - GLANDULAR STOMACH ON SLIDE #11 IS NORMAL.			
Note: [SQUAM CEL CARC] TGLs = 3-11			
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1421	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 441
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Note: MARROW SEEMS GRANULOCYTIC.			
Brain		Mineralization	Minimal
Eye		Adenocarcinoma	Metastatic (Harderian Gland)
Note: INVADED LEFT EYE.			
Note: NO REASON FOR OPAQUE RIGHT EYE BUT HARDERIAN GLAND TUMOR			
Note: [ADENOCARC] TGLs = 3-12			
Harderian Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 4-12			
Liver	Biliar Tract	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 2-11			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
Note: [ADENOCARC] TGLs = 1-3			
Lymph Node	Mandibular	Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Mild
Note: [HYPERPLASIA] TGLs = 5-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1421	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 441
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15562

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1422	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 616
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lymph Node - Mandibular	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow	Histiocytic Sarcoma	
Brain	Histiocytic Sarcoma	
Harderian Gland	Adenoma	
Note: [ADENOMA] TGLs = 5-12		
Heart	Histiocytic Sarcoma	
	Mineralization	Mild
Islets, Pancreatic	Hyperplasia	Mild
Kidney	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-5		
Liver	Hepatoblastoma	
	Histiocytic Sarcoma	
	Necrosis	Mild
Note: [HISTIO SARC] TGLs = 3,7-4+10		
Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar/Bronchiolar Carcinoma	
	Histiocytic Sarcoma	
Note: [ALV BRON ADEN] TGLs = 8-3		
Note: [ALV BRON CARC] TGLs = 2-3		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1422	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 616
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15563

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Bronchial	Histiocytic Sarcoma
	Mediastinal	Histiocytic Sarcoma
	Mesenteric	Histiocytic Sarcoma
Note: [HISTIO SARC] TGLs = 6-2,3,11		
Pancreas	Acinus	Histiocytic Sarcoma
Spleen		Histiocytic Sarcoma
Note: [HISTIO SARC] TGLs = 1-4		
Thymus		Histiocytic Sarcoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1423	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 625
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Ear	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Glandular	Testes
Thyroid Gland	Urinary Bladder		

MISSING

Esophagus	Mammary Gland	Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Epididymis		Inflammation	Chronic, Marked
Note: AND A FEW PMN'S, LYMPHOCYTES, GIANT CELLS, STEROL CLEFTS			
Note: [INFLAMMATION] TGLs = 3-10			
Note: EPIDIDYMIS - LARGE GRANULOMA WITH MOSTLY MACROPHAGES			
Note: AND FOCI OF NECROSIS.			
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Intestine Small	Ileum	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 8-6			
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASM TGLS 5,6,7-4+12+13			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
Note: [ALV BRON CARC] TGLs = 2-3			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-14			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1423	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 625
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15564

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Angiectasis	Mild
	Fat	Inflammation	Chronic, Mild
Note: [ANGIECTASIS] TGLs = 9-15			
Skin		Cyst Epithelial Inclusion	
Note: [CYST EPITH INC] TGLs = 1-11			
Note: SKIN - TGL 1 IS ON EAR.			
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 10-8			
Testes			
Note: TGL 3 IS NOT TESTIS IT IS THE EPIDIDYMIS.			
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1424	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 326
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Islets, Pancreatic	Larynx	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Testes
Thyroid Gland	Trachea		

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Jejunum

OBSERVATIONS

Bone Marrow	Atrophy	Mild
	Lymphoma Malignant Lymphocytic	
Brain	Mineralization	Minimal
Epididymis	Inflammation	Chronic, Minimal
Note: [INFLAMMATION] TGLs = 2-10		
Note: EPIDIDYMIS WAS ON SLIDE 10 AND WAS INTENDED TO BE ILIAC		
Note: CASSETTE.		
Note: PROBABLY IS SINCE THEY WERE SUBMITTED TO HISTO IN A		
Note: FOR A LYMPHNODE. THIS COULD POSSIBLY REPRESENT TGL 2 AND		
Note: SO PERHAPS THAT WAS WHAT WAS SEEN GROSSLY AND MISTAKEN		
Note: LYMPHNODE. THERE WAS SOME FIBROSIS AND MESENTERIC TISSUE		
Harderian Gland	Hyperplasia	Mild
Kidney	Lymphoma Malignant Lymphocytic	
Liver	Hepatocellular Adenoma	
	Lymphoma Malignant Lymphocytic	
Note: [HEPATOCLR ADEN] TGLs = 5-4		
Lung	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-3		
Lymph Node - Axillary	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1424	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 326
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15565

ORGAN AND ACCOUNTABLE SITE STATUS

	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 6-10			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 7-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Glandular	Pigmentation	Hemosiderin, Minimal
	Forestomach	Ulcer	Minimal
Note: [PIGMENT] TGLs = 10-8			
Note: [HYPERPLASIA] TGLs = 9-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: THYMIC LYMPHNODE CAN ACCOUNT FOR TGL 3.			
Note: [LYMPH MAL LYMP] TGLs = 1-2			
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1425	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 314
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Rectum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Lymph Node - Mediastinal	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Thyroid Gland
Urinary Bladder			

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Trachea	

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Harderian Gland		Hyperplasia	Minimal
Heart		Mineralization	Minimal
Liver		Histiocytic Sarcoma	
		Necrosis	Minimal
Note: [HISTIO SARC] TGLs = 2-4			
Lung		Hemorrhage	Marked
		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Minimal
Note: [HEMORRHAGE] TGLs = 1-3			
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-3+10			
Mesentery			
Note: MESENTERIC FAT - PRESUMED CENTER OF REACTION WAS			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1425	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 314
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15566

ORGAN AND ACCOUNTABLE SITE STATUS

Note: MESENTERIC LYMPHNODE, THERFORE MESENTERY IS "A". MUCH			
Note: HEMORRHAGE AND NECROSIS IS PRESENT IN THE TUMOR.			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 3-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
Note: [PIGMENT] TGLs = 5-8			
Testes		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1426	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 607
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Eye	Cornea	Hyperplasia	Moderate
	Cornea	Inflammation	Chronic, Moderate
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 4-10			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1,2-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 5-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 3-3			
Note: [ALV BRON ADEN] TGLs = 3-3			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 6-8			
Thymus		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1426	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 607
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15567

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1427	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 392
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Adenocarcinoma	Metastatic (Pancreas)
	Medulla	Adenocarcinoma	Metastatic (Pancreas)
Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW APPEARS GRANULOCYTIC.			
Brain		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 14-1			
Epididymis		Adenocarcinoma	Metastatic (Pancreas)
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1-4			
Note: SARCOMA IS SOLID AS SOME HAVE BEEN BUT METASTASIS IS ALSO			
Note: SOLID WHICH HAS BEEN UNUSUAL. USUALLY METASTASIS IS A BIT			
Note: MORE VASCULAR.			
Kidney		Adenocarcinoma	Metastatic (Pancreas)
Note: [ADENOCARC] TGLs = 9-5			
Liver	Centrilobular	Degeneration	Fatty, Mild
		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	
	Centrilobular	Necrosis	Minimal
Note: [HEPATOCLR ADEN] TGLs = 8-4			
Lung		Adenocarcinoma	
		Hemangiosarcoma	Metastatic (Heart)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1427	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 392
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15568

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMANGIOSARC] TGLs = 2-3			
Note: [ADENOCARC] TGLs = 3-3			
Note: ADENOCARCINOMA HAS PAS POSITIVE CELL PRODUCT THERFORE			
Note: PROBABLY BRONCHUS IN ORIGIN.			
Lymph Node	Bronchial	Adenocarcinoma	Metastatic (Lung)
	Mediastinal	Adenocarcinoma	Metastatic (Lung)
	Axillary	Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 10-11			
Note: [ADENOCARC] TGLs = 4-2			
Mesentery		Adenocarcinoma	Metastatic (Pancreas)
	Fat	Hemangiosarcoma	Metastatic (Heart)
Note: APPEARANCE.			
Note: SL. 14 ONE MASS HAS ACINI AS WELL AS HEMANGIOSARCOMA-LIKE			
Note: [HEMANGIOSARC] TGLs = 5,6-13+14			
Note: [ADENOCARC] TGLs = 6-14			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pancreas	Acinus	Adenocarcinoma	
Note: [ADENOCARC] TGLs = 7-4+12			
Skin	Subcut Tiss	Hemangiosarcoma	Metastatic (Heart)
	Subcut Tiss	Hemorrhage	Mild
Note: [HEMANGIOSARC] TGLs = 11-15			
Note: [HEMORRHAGE] TGLs = 12,13-10+16			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: [PIGMENT] TGLs = 16-8			
Note: TGL 17 PROBABLY DESCRIBED AN ULCER PRESENT ALONG WITH			
Note: FORESTOMACH HYPERPLASIA BUT NOT PRESENT ON THE 2 SLIDES			
Note: EXAMINED. MARKED X SINCE THE WHITE PORTION OF TGL 17 WAS			
Note: SEEN, PLUS THEY ARE IN ESSENCE A SINGLE ENTITY.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1427	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 392
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15568

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 17,18-8		
Testes	Angiectasis	Minimal
Note: [ANGIECTASIS] TGLs = 15-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1428	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 510
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 4-10			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
Note: [HEPATOCLR CARC] TGLs = 3-4+12			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON ADEN] TGLs = 1-3			
Skin	Sebaceous Gl	Adenoma	
Note: [ADENOMA] TGLs = 2-11			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Testes		Atrophy	Minimal
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1429	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 422
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Note: BONE MARROW APPEARS GRANULOCYTIC.			
Harderian Gland		Hyperplasia	Mild
Liver		Hematopoietic Cell Proliferation	Moderate
		Necrosis	Mild
		Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [SQUAM CEL CARC] TGLs = 4,6-4+11+14			
Note: TGL 6 HAS SMALL PIECES OF LIVER AT THE EDGE OF THE TUMOR.			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach)
	Mesenteric	Squamous Cell Carcinoma	Metastatic (Stomach)
	Renal	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [SQUAM CEL CARC] TGLs = 2-12			
Note: [SQUAM CEL CARC] TGLs = 1-2			
Mesentery	Fat	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: TGL 7. ITEM 13-20 SHOULD REFER TO MESENTERIC FAT, NOT			
Note: LYMPHNODE MESENTERY.			
Note: [SQUAM CEL CARC] TGLs = 7-13			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1429	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 422
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15570

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Squamous Cell Carcinoma	Metastatic (Stomach)
Skin	Subcut Tiss	Squamous Cell Carcinoma	Metastatic (Stomach)
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 3-4			
Stomach	Forestomach	Squamous Cell Carcinoma	
	Glandular	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [SQUAM CEL CARC] TGLs = 5-10			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1430	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 428
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Lymph Node - Mesenteric	Mammary Gland	Prostate

AUTO PRECLUDES DIAG.

Gallbladder

INSUFFICIENT TISSUE

Harderian Gland	Intestine Large - Cecum	Intestine Small - Jejunum	Pituitary Gland

OBSERVATIONS

Brain		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 6-1			
Heart		Hemangiosarcoma	
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	Multiple
Note: [HEMANGIOSARC] TGLs = 4,5-4+10			
Lung		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 2-3			
Mesentery	Fat	Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 3-11			
Nose	Olfactory Epi	Atrophy	Minimal
Pancreas	Acinus	Hemangiosarcoma	Metastatic (Heart)
Skin	Subcut Tiss	Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 1-12			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 7-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1430	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 428
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15571

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Necrosis	Mild
Thyroid Gland	Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1431	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 495
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Kidney	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-10			
Heart		Hemangiosarcoma	
Islets, Pancreatic		Cytoplasmic Alteration	Minimal
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemangiosarcoma	Metastatic (Heart)
Note: LOBE & CANNOT FIND ONE ON APICAL (MISLABELED ON PEIS FORM?)			
Note: LUNG - ONE MASS IS ON AZYGOUS LOBE, ONE ON CARDIAC NEAR			
Note: APICAL AND ONE BETWEEN CARDIAC AND DIAPHRAGMATIC AND NOT			
Note: TOUCHING EITHER (FLOATER?). RECUT SHOWS LESION IN LEFT			
Note: [HEMANGIOSARC] TGLs = 1-3			
Note: [ALV BRON ADEN] TGLs = 2-3			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Vacuolization Cytoplasmic	Mild
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1431	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 495
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15572

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1432	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 449
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Larynx
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Ileum	Intestine Small - Jejunum	Seminal Vesicle
Urinary Bladder			

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Harderian Gland		Hyperplasia	Mild
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 3-4			
Kidney		Nephropathy	Mild
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 1,4-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 1,2-3+10			
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
	Forestomach	Ulcer	Minimal
Note: [HYPERPLASIA] TGLs = 5-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1432	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 449
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15573

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1433	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 546
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Harderian Gland		Adenoma	
		Inflammation	Chronic, Mild
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1,4-4			
Kidney	Renal Tubule	Hyperplasia	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
Note: DUCT LESION ON SLIDE 10 THAT ON SLIDE 4 IS PROBABLY			
Note: LIVER - LEFT LOBE FOCUS NOT PRESENT ON SLIDE 4. CAUDATE			
Note: SIMILAR.			
Note: HEPATOCLR NEOPLASM TGLS 5,6,7-4+10			
Note: BILIARY HYPERPLASIA. SINCE THERE IS A MORE LIKELY BILE			
Note: LOBE MASS MAY HAVE METASTATIC LUNG TUMOR OR SOME			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: [ALV BRON CARC] TGLs = 3-3			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1433	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 546
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15574

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMANGIOSARC] TGLs = 2-3		
Nose		
Note: NOSE - HEMORRHAGE IN NOSE IS FROM LUNG.		
Thymus	Necrosis	Mild
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1434	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 559
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Nose	Pancreas	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Pituitary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 11-9			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 3-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Carcinoma	
	Centrilobular	Necrosis	Mild
Note: [HEPATOCLR CARC] TGLs = 6,8-10+4			
Note: [HEMANGIOSARC] TGLs = 1,4,7,9,10-4+10			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: [ALV BRON ADEN] TGLs = 2-3			
Lymph Node	Bronchial	Hematopoietic Cell Proliferation	Mild
	Mediastinal	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Skin			
Note: SKIN - TGL 4 IS PROBABLY EDEMA RELATED TO LIVER LESIONS.			
Note: SQ TISSUES SHOW SOME SUBTLE CHANGE BUT DIFFICULT TO CALL			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1434	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 559
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15575

ORGAN AND ACCOUNTABLE SITE STATUS

Note: EDEMA DUE TO LACK OF PROTEINACEOUS FLUID IN INTERSTITIUM.		
Spleen	Hemangiosarcoma	Metastatic (Heart)
	Hematopoietic Cell Proliferation	Mild
Note: [HEMANGIOSARC] TGLs = 5-4		
Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1435	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 539
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
		Hyperplasia	Mild
Note: [ADENOMA] TGLs = 2-11			
Kidney	Renal Tubule	Adenoma	
Note: [ADENOMA] TGLs = 3-5			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Marked
		Inflammation	Chronic, Focal, Mild
Note: [ALV BRON CARC] TGLs = 1-10			
Lymph Node	Bronchial	Hyperplasia	Minimal
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1436	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 516
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Lymph Node - Mandibular	Mammary Gland		
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum		
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-9			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 4-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 2-4			
Lung		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 1-3			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1437	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 312 PPM SE52	**DISP:** Terminal Sacrifice	**HISTO:** 15578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Testes	Urinary Bladder	

MISSING

Mammary Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 2-11+15			
Heart		Cardiomyopathy	Minimal
		Hemangiosarcoma	
Kidney			
Note: KIDNEY - COULDN'T FIND A LESION CONSISTENT WITH TGL 10			
Liver		Eosinophilic Focus	
		Hemangiosarcoma	Metastatic (Heart)
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Thrombosis	Mild
Note: HEPATOCLR LESION TGLS 8,9-12+13			
Note: [THROMBUS] TGLs = 7-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1437	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 312 PPM SE52	**DISP:** Terminal Sacrifice	**HISTO:** 15578

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON ADEN] TGLs = 3,5-3			
Note: [HYPERPLASIA] TGLs = 3-3			
Note: [ALV BRON CARC] TGLs = 1,4-3+10			
Lymph Node	Iliac	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 11,12-14+16			
Mesentery	Fat	Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 13-17			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Preputial Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 6-18			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Squamous Cell Papilloma	
Note: [SQ CL PAPILLOM] TGLs = 14-8			
Thyroid Gland		Cyst	
	Follicular Cel	Hyperplasia	Moderate
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1438	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 446
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Rectum
Islets, Pancreatic	Larynx	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Testes	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
Salivary Glands	Thymus		

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Heart		Hemangiosarcoma	
Kidney	Capsule	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 1-5			
Liver		Hepatocellular Adenoma	Multiple
	Centrilobular	Necrosis	Moderate
Note: [HEPATOCLR ADEN] TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: [ALV BRON ADEN] TGLs = 3-3			
Note: APPEARED AS TGL 4.			
Note: [HEMANGIOSARC] TGLs = 4-3			
Note: THAT IS MORE SOLID THAN IN OTHER AREAS AND MAY HAVE			
Note: THERE IS A SMALL FOCUS ON THE APICAL LOBE OF HEMANGIOSARCOMA			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
Note: [PIGMENT] TGLs = 5-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1438	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 446
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15579

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1439	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 344
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Epididymis	Esophagus	Lymph Node - Bronchial
Lymph Node - Mandibular	Parathyroid Gland	Pituitary Gland	Skin
Testes			
MISSING			
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Nose	Pancreas	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Brain		Hemorrhage	Moderate
Note: CONVINCING METASTASIS IS NOT SEEN.			
Note: [HEMORRHAGE] TGLs = 7-1			
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 5,6-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
	Centrilobular	Necrosis	Mild
Note: [HEMANGIOSARC] TGLs = 1,2-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: [ALV BRON ADEN] TGLs = 3-3			
Note: [HEMANGIOSARC] TGLs = 4-3			
Thymus		Necrosis	Moderate
PRIMARY CAUSE OF DEATH	-		

Animal Note: CHARACTER AND DISTRIBUTION ALLOS DISGNOSIS, ESPECIALLY

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1439	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 344
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15580

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: AUTOLYSIS IMPEDES INTERPERTATION, HOWEVER LESION
Animal Note: IN THE LUNG AND LIVER, AND KNOWING THE HEART SARCOMA
Animal Note: IS PRESENT.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1440	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 476
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone Marrow		Angiectasis	Moderate
Brain		Necrosis	Mild
Note: IN MENINGES.			
Note: BRAIN - NECROSIS CORRELATED WITH 2 THROMBOSED VESSELS			
Harderian Gland		Adenoma	
Heart	Endothelium	Hyperplasia	Marked
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Mild
Note: [HEPATOCLR ADEN] TGLs = 2-4			
Note: [HEPATOCLR CARC] TGLs = 1-10			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 4-3			
Skin	Subcut Tiss	Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 3-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1440	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 476
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15581

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Necrosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1441	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Small - Duodenum	Lymph Node - Mediastinal	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Fibrosis	Minimal
Harderian Gland	Bilateral	Adenoma	
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 4-4			
Intestine Small	Ileum	Angiectasis	Minimal
Note: [ANGIECTASIS] TGLs = 5-6			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: LUNG - TGL 2 PROBABLY RELATED TO CONGESTION WHICH IS			
Note: [ALV BRON ADEN] TGLs = 1-3			
Note: JUDGED INSIGNIFICANT IN AN EARLY DEATH IN A CHRONIC STUDY.			
Skin	Subcut Tiss	Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 3-10			
Spleen		Hemangiosarcoma	Metastatic (Heart)
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 6-8			
Thymus		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1441	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15582

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1442	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 369
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum

OBSERVATIONS

Brain		Hemangiosarcoma	Metastatic (Heart)
		Hemorrhage	Moderate
		Pigmentation	Hemosiderin, Mild
Note: RARE TUMOR EMBOLI IN MENINGEAL VESSELS>			
Note: [HEMORRHAGE] TGLs = 5-1+9			
Heart		Hemangiosarcoma	
		Mineralization	Minimal
Note: [HEMANGIOSARC] TGLs = 2-4			
Kidney		Hemangiosarcoma	Metastatic (Heart)
Note: THEY ARE RESPONSIBLE FOR TGL 4.			
Note: SEVERAL GLOMERULI HAVE METASTATIC CELLS, NOT CONVINCED			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Necrosis	Mild
Note: [HEMANGIOSARC] TGLs = 1-4			
Lung		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 3,6-3			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1442	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 369
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15583

ORGAN AND ACCOUNTABLE SITE STATUS

	Forestomach	Ulcer	Minimal
Note: [PIGMENT] TGLs = 8-8+10			
Note: [HYPERPLASIA] TGLs = 9-10			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1443	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 563
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Mammary Gland
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Bone Marrow		Atrophy	Minimal
Brain		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 4-1			
Heart		Hemangiosarcoma	
Kidney		Hemangiosarcoma	Metastatic (Heart)
Liver	Centrilobular	Degeneration	Fatty, Mild
		Eosinophilic Focus	
		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	
Note: [DEGEN] TGLs = 6-4			
Note: [HEMANGIOSARC] TGLs = 7,8-4+11			
Note: [HEPATOCLR ADEN] TGLs = 10-4+11			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hemangiosarcoma	Metastatic (Heart)
Note: [ALV BRON CARC] TGLs = 2,3-3			
Note: [HEMANGIOSARC] TGLs = 1-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
Mesentery	Fat	Hemangiosarcoma	Metastatic (Heart)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1443	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 563
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15584

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMANGIOSARC] TGLs = 9-10			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: [SQ CL PAPILLOM] TGLs = 5-8			
Testes		Atrophy	Mild
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1444	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 401
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum

INSUFFICIENT TISSUE

Lymph Node - Mesenteric

OBSERVATIONS

Brain		Mineralization	Minimal
Heart		Mineralization	Minimal
Kidney		Histiocytic Sarcoma	
Liver		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
Note: [HEPATOCLR CARC] TGLs = 3-10			
Note: [HISTIO SARC] TGLs = 4-4			
Lung		Hemorrhage	Moderate
		Histiocytic Sarcoma	
Note: [HEMORRHAGE] TGLs = 1-3			
Lymph Node	Mediastinal	Histiocytic Sarcoma	
Pancreas	Acinus	Hyperplasia	Mild
Spleen		Histiocytic Sarcoma	
Stomach	Forestomach	Squamous Cell Papilloma	
Note: RECUTS SHOWED NO GLANDULAR LESION.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1444	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 401
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15585

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [SQ CL PAPILLOM] TGLs = 5-8

Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1445	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 573
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Esophagus	Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-11			
Heart		Hemangiosarcoma	
Liver		Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [SQUAM CEL CARC] TGLs = 4-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON ADEN] TGLs = 1,2-3			
Lymph Node	Mesenteric	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [SQUAM CEL CARC] TGLs = 5-12			
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 6-10			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1446	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 546
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Intestine Small	Ileum	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4,5-6+11			
Kidney		Adenoma	
Note: [ADENOMA] TGLs = 6-5			
Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: PREDOMINATE. MORE ANAPLASTIC THEN MOST LYMPHOCYTIC			
Note: LYMPHOMA HAS SOME HISTIOCYTIC FEATURES BUT LYMPHOCYTIC			
Note: LYMPHOMAS SO FAR.			
Note: [LYMPH MAL LYMP] TGLs = 1-10			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1446	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 546
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15587

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Necrosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1447	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 604
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Hemorrhage	Minimal
Harderian Gland		Hyperplasia	Minimal
Heart		Hemangiosarcoma	
Kidney	Capsule	Angiectasis	Mild
		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 8-5			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Carcinoma	Multiple
Note: [HEPATOCLR CARC] TGLs = 6,7-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: [ALV BRON ADEN] TGLs = 2-3			
Note: [HEMANGIOSARC] TGLs = 1-3			
Note: [ALV BRON CARC] TGLs = 3-3			
Lymph Node	Mesenteric	Congestion	Moderate
Note: [CONGESTION] TGLs = 9-6			
Mesentery	Fat	Hemangiosarcoma	Metastatic (Heart)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1447	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 604
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15588

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMANGIOSARC] TGLs = 4-10			
Nose			
Note: NOSE - BLOOD IN NOSE CAME FROM LUNG.			
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: INSIDE OF STOMACH WITH INSIDE OF MASS CYSTIC AREA.			
Note: FORESTOMACH - RECHECK WET TISSUE SHOWS CONNECTION OF			
Note: [SQUAM CEL CARC] TGLs = 5-8			
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1448	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 490
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Kidney	Larynx	Liver	Lymph Node - Mediastinal
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Lymph Node - Mesenteric	Mammary Gland		
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Small - Ileum	Intestine Small - Jejunum	Seminal Vesicle
OBSERVATIONS			
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1,2-4			
Lung	Mediastinum	Hemangiosarcoma	Metastatic (Heart)
		Hemorrhage	Minimal
Note: [HEMORRHAGE] TGLs = 5-3			
Lymph Node	Bronchial	Hemangiosarcoma	Metastatic (Heart)
	Mandibular	Hyperplasia	Minimal
Skin	Hair Follicle	Atrophy	Mild
Note: [ATROPHY] TGLs = 4-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1449	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland	Stomach - Forestomach	Stomach - Glandular
Thymus			

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Harderian Gland	Bilateral	Adenoma	
Kidney		Cyst	
Note: [CYST] TGLs = 6-5			
Liver		Hepatocellular Adenoma	
		Infarct	Marked
Note: [HEPATOCLR ADEN] TGLs = 5-4			
Note: [INFARCT] TGLs = 4-11			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON CARC] TGLs = 1,2-3+10			
Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Minimal
Skin	Subcut Tiss	Angiectasis	Mild
		Inflammation	Chronic, Moderate
Note: [INFLAMMATION] TGLs = 3-13			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1449	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 312 PPM SE52	**DISP:** Moribund	**HISTO:** 15590

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1450	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 443
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mediastinal	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular

AUTO PRECLUDES DIAG.

Gallbladder

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 3-4			
Liver		Degeneration	Fatty, Minimal
		Hemangiosarcoma	Metastatic (Heart)
		Necrosis	Minimal
Note: TGL 1 IS ON SLIDE 10, NOT SLIDE 1.			
Note: [HEMANGIOSARC] TGLs = 1-10			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 2-3			
Lymph Node	Mesenteric	Hemangiosarcoma	Metastatic (Heart)
Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1450	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 443
	DOSE: 312 PPM SE52	**DISP:** Dead	**HISTO:** 15591

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1601	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 231
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Nose	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Rectum	Mammary Gland	Parathyroid Gland

INSUFFICIENT TISSUE

Harderian Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Gallbladder		Lymphoma Malignant Lymphocytic	
Heart		Mineralization	Mild
Note: [MINERALIZATION] TGLs = 1-4			
Liver		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Note: [NECROSIS] TGLs = 3-4			
Note: [LYMPH MAL LYMP] TGLs = 3-4			
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-10]			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	
Spinal Cord		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Testes		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1601	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 231
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15392

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Lymphoma Malignant Lymphocytic
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1602	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 625 PPM SE13	**DISP:** Terminal Sacrifice	**HISTO:** 15393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain		Mineralization	Minimal
Harderian Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-15			
Heart		Hemangiosarcoma	
Intestine Small	Duodenum	Lymphoma Malignant Mixed	
	Ileum	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 10-6			
Note: [LYMPH MAL MIXD] TGLs = 7-14			
Kidney		Nephropathy	Minimal
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
Note: [HEMANGIOSARC] TGLs = 8-4			
Note: HEPATOCLR TGLS 3,4,5,6,12-4+10+11+12+13			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1602	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 625 PPM SE13	**DISP:** Terminal Sacrifice	**HISTO:** 15393

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolus	Pigmentation	Hemosiderin, Mild
Note: [HEMORRHAGE] TGLs = 2-3			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 9-6			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach	Squamous Cell Carcinoma	
	Forestomach	Squamous Cell Papilloma	
Note: [SQUAM CEL CARC] TGLs = 11-8			
Tooth		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1603	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 580
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Brain	Olfactory Lobe	Neuroblastoma	
Note: [NEUROBLAST MAL] TGLs = 4-1+10			
Harderian Gland		Adenoma	
Liver		Hepatocellular Adenoma	
		Infarct	Marked
		Necrosis	Moderate
Note: [INFARCT] TGLs = 1-11			
Note: [HEPATOCLR ADEN] TGLs = 2-4			
Note: LIVER- POSSIBLY THE RESULT OF TORSION. THE GHOST CELLS			
Note: INDICATE THERE MAY HAVE BEEN A TUMOR INVOLVED.			
Lung		Alveolar/Bronchiolar Adenoma	
Nose		Neuroblastoma	Metastatic (Brain)
Thymus		Necrosis	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1604	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Mammary Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Eye	Cornea	Inflammation	Chronic, Marked
Note: EYE - LESION INVOLVES WHOLE EYE.			
Note: [INFLAMMATION] TGLs = 3-13			
Harderian Gland		Adenocarcinoma	
		Adenoma	
Note: [ADENOMA] TGLs = 4-15			
Note: [ADENOCARC] TGLs = 2-14			
Heart		Hemangiosarcoma	
Kidney		Nephropathy	Mild
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASM TGLS 6,7-4+10			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON TGLS 1,8-3+11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1604	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15395

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mandibular	Hyperplasia	Mild
Mesentery	Fat	Angiectasis	Marked
Note: [ANGIECTASIS] TGLs = 9-12			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 5-16			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1605	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 567
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Eye	Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Bone Marrow		Hyperplasia	Mild
Brain		Adenocarcinoma	Metastatic (Harderian Gland)
Eye			
Note: EYE- HARDERIAN MASS IS LARGE & EYE NOT SEEN ON SECTION.			
Note: NO DOUBT THAT EYE WAS DESTROYED.			
Harderian Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-10			
Heart	Endothelium	Hyperplasia	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 3-11			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
Lymph Node	Mandibular	Hyperplasia	Mild
Salivary Glands		Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1606	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 410
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
		Lymphoma Malignant Lymphocytic	
Note: [ATROPHY] TGLs = 1-9			
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 11-13			
Heart		Mineralization	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Mild
Note: [NEPHROPATHY] TGLs = 10-5			
Liver		Hematopoietic Cell Proliferation	Minimal
Lung		Hemorrhage	Minimal
Note: [HEMORRHAGE] TGLs = 8-3			
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 5-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1606	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 410
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15397

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL LYMP] TGLs = 4-10			
Note: [LYMPH MAL LYMP] TGLs = 7-2			
Note: [LYMPH MAL LYMP] TGLs = 2-7			
Seminal Vesicle		Inflammation	Suppurative, Mild
Skin	Subcut Tiss	Edema	Moderate
	Subcut Tiss	Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 6-12			
Note: NO PROTEIN RICH FLUID BUT WIDE SEPARATION OF SQ			
Note: [EDEMA] TGLs = 3-2+12			
Note: CONNECTIVE TISSUE INDICATIVE OF EDEMA.			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 9-4			
Thymus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1607	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 185
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Large - Colon
Larynx	Lung	Lymph Node - Mandibular	Nose
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Harderian Gland	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Pancreas	Seminal Vesicle		

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Kidney		Hemorrhage	Mild
		Lymphoma Malignant Lymphocytic	
Note: [HEMORRHAGE] TGLs = 5-5			
Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-10]			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Minimal
Note: TGL-6 MUST BE FORESTOMACH RATHER THAN GLANDULAR. GROSS			
Note: [HYPERPLASIA] TGLs = 6-8			
Note: DESCRIPTION MATCHES MICRO-EXAM & OTHER ANIMAL DESCRIPTIONS			
Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1,2-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1608	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 566
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Rectum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thymus
Thyroid Gland			

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Seminal Vesicle	Stomach - Glandular
Urinary Bladder			

INSUFFICIENT TISSUE

Prostate

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex	Adenoma	
[Adenoma TGLS = 4-7+10]			
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Minimal
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1-4			
Liver	Centrilobular	Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 5-12			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Minimal
Note: [ALV BRON ADEN] TGLs = 3,2-3			
Mesentery	Fat	Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 6-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1608	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 566
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15399

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Inflammation	Suppurative, Minimal
Testes	Atrophy	Minimal
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1609	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Larynx
Lymph Node - Mesenteric	Pancreas	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes			

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Pituitary Gland			

OBSERVATIONS

Harderian Gland		Adenoma	
Intestine Small	Jejunum	Carcinoma	
Note: [CARCINOMA] TGLs = 7-6			
Kidney	Renal Tubule	Adenoma	
Liver		Hepatocellular Carcinoma	Multiple
Note: IN HEPATOCELLULAR TUMOR. VARIABLE IN SIZE.			
Note: LIVER - MANY LIGHT & DARK EOSINOPHILIC HYALINE DROPLETS			
Note: [HEPATOCLR CARC] TGLs = 5,6-4+10			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Focal, Moderate
Note: [ALV BRON CARC] TGLs = 2-3			
Lymph Node	Mediastinal	Hyperplasia	Mild
Mesentery	Fat	Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 4-11			
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1609	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15400

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth		Inflammation	Mild
Trachea		Inflammation	Suppurative, Minimal
Urinary Bladder		Hemangioma	
Note: [HEMANGIOMA] TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1610	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 194
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Harderian Gland	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic
Heart		Lymphoma Malignant Lymphocytic
Kidney		Cyst
		Lymphoma Malignant Lymphocytic
Note: [CYST] TGLs = 4-5		
Liver		Lymphoma Malignant Lymphocytic
Lung		Lymphoma Malignant Lymphocytic
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic
	Mediastinal	Lymphoma Malignant Lymphocytic
[Lymphoma Malignant Lymphocytic TGLS = 3-3]		
[Lymphoma Malignant Lymphocytic TGLS = 2-10]		
Spleen		Lymphoma Malignant Lymphocytic
Thymus		Lymphoma Malignant Lymphocytic
[Lymphoma Malignant Lymphocytic TGLS = 1-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1611	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 625 PPM SE13	**DISP:** Terminal Sacrifice	**HISTO:** 15402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Urinary Bladder	Zymbal's Gland		

MISSING

Mammary Gland	Thymus

OBSERVATIONS

Brain		Mineralization	Minimal
Eye		Degeneration	Moderate
Gallbladder		Hyperplasia	Minimal
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 1-14			
Heart		Hemangiosarcoma	
Liver	Biliar Tract	Cyst	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
Note: [CYST] TGLs = 9-10			
Note: HEPATOCLR NEOPLASM TGLS 3,4,5-11+12+13			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 6,7,8-3			
Lymph Node	Mesenteric	Angiectasis	Marked
Mesentery	Fat	Hemangioma	
Note: [HEMANGIOMA] TGLs = 2-6			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1611	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 625 PPM SE13	**DISP:** Terminal Sacrifice	**HISTO:** 15402

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 11-8			
Thyroid Gland		Cyst	
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1612	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 342
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone		Neuroblastoma	Metastatic (Brain)
Note: [NEUROBLAST MAL] TGLs = 2-10			
Brain		Mineralization	Minimal
	Olfactory Lobe	Neuroblastoma	
Note: BY COMPRESSION, EG, MUCH OF MASS IS MENINGEAL. CAN'T TELL			
Note: ALCIAN BLUE - PAS STAIN WAS NOT CONTRIBUTORY TO THE			
Note: DIAGNOSIS OF BRAIN TUMOR.			
Note: OR "ROSETTES".			
Note: IF GOING INTO OR OUT OF OLFACTORY SUBMUCOSA. PACKETING			
Note: MASS IS IN OLFACTORY AREA AND EXTENDS INTO CRANIAL CAVITY			
Note: [NEUROBLAST MAL] TGLs = 1,3-1+9			
Salivary Glands		Inflammation	Minimal
Stomach	Forestomach	Squamous Cell Papilloma	
	Forestomach	Ulcer	Minimal
Note: [SQ CL PAPILLOM] TGLs = 5-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1613	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 505
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Ear	Epididymis	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Testes	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

MISSING

Esophagus	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Carcinoma	Metastatic (Zymbal'S Gland)
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Minimal
Thymus		Necrosis	Moderate
Zymbal's Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 1-9+10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1614	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 692
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Larynx
Lymph Node - Mediastinal	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Thymus			

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Brain		Histiocytic Sarcoma	
		Mineralization	Minimal
Harderian Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 3-10			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 7-4			
Intestine Small	Jejunum	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 9-6			
Kidney		Histiocytic Sarcoma	
Liver		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HEPATOCLR CARC] TGLs = 6-4			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1614	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 692
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15405

ORGAN AND ACCOUNTABLE SITE STATUS

		Hepatocellular Carcinoma	Metastatic (Liver)
		Histiocytic Sarcoma	
Note: [ADENOCARC] TGLs = 2-3			
Note: [ALV BRON ADEN] TGLs = 1-3			
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 8-6			
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 4-11			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1615	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 539
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Esophagus	Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Bone Marrow		Lymphoma Malignant Lymphocytic	
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Lymphoma Malignant Lymphocytic	
		Necrosis	Minimal
Note: [LYMPH MAL LYMP] TGLs = 3-4			
Note: [HEPATOCLR CARC] TGLs = 4-4			
Note: [HEPATOCLR ADEN] TGLs = 6-4			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 5-11			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1,2-13+10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1615	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 539
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15406

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1616	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Glandular
Testes	Thyroid Gland		

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Hemangiosarcoma	
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 2-4+10			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 1,7-3+11			
Note: CONTRIBUTE TO TGL 4.			
Note: [INFILTRAT CELL] TGLs = 4-3			
Note: LUNG - LUNG IS ALSO CONGESTED AND THAT ALSO MAY			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
Preputial Gland		Hyperplasia	Marked
		Inflammation	Suppurative, Marked
Note: PREPUTIAL GL. - BORDERLINE CARCINOMA/HYPERPLASIA.			
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 3-12			
Stomach	Forestomach	Squamous Cell Papilloma	Multiple
Note: [SQ CL PAPILLOM] TGLs = 8-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1616	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15407

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Necrosis	Minimal
Trachea	Inflammation	Suppurative, Minimal
Urinary Bladder	Dilatation	Mild
Note: [DILATATION] TGLs = 5-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1617	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 567
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Eye	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 4-10			
Heart		Mineralization	Minimal
Liver		Hemangiosarcoma	
	Centrilobular	Necrosis	Moderate
Note: ABDOMINAL RED FLUID AND HEMORRHAGIC ANEMIA.			
Note: LIVER- LARGE MASS IN LIVER IS HEMANGIOSARCOMA WITH			
Note: [HEMANGIOSARC] TGLs = 1,2,7,8-4			
Note: THROMBOSIS AND HEMORRHAGE. LIKELY RUPTURED AND RESULTED IN			
Lung		Hemangiosarcoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Mild
Note: [HEMANGIOSARC] TGLs = 5,6-3			
Lymph Node	Mandibular	Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1617	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 567
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15408

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1618	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 285
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Prostate	Seminal Vesicle		

INSUFFICIENT TISSUE

Lymph Node - Mesenteric

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 7-4			
Lung			
Note: LUNG IS CONGESTED BUT NOT CONSIDERED SIGNIFICANT SINCE			
Note: PROBABLY AN AGONAL CHANGE IN A CHRONIC STUDY.			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-10			
Note: [LYMPH MAL LYMP] TGLs = 3-3			
Pituitary Gl			
Note: IN AN EARLY DEATH ANIMAL.			
Note: PITUITARY MAY BE CONGESTED, BUT NOT CONSIDERED SIGNIFICANT			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1618	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 285
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15409

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 8-8	
Thymus	Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 1,5-10	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1619	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder

INSUFFICIENT TISSUE

Pituitary Gland	Thymus

OBSERVATIONS

Brain		Mineralization	Minimal
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 4-9			
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Mild
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR NEOPLASM TGLS 5,6,7-4+10+11			
Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Mild
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Moderate
Note: [ALV BRON CARC] TGLs = 1-3			
Note: [HEMORRHAGE] TGLs = 2-3			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1619	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15410

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 3-3

Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1620	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Mammary Gland	Mesentery	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 5-11			
Intest Large			
Note: RECTUM - TGL 3 IS SUBCUTANEOUS TISSUE NEAR RECTUM.			
Note: RECTUM IS NORMAL.			
Liver		Hepatocellular Carcinoma	Multiple
		Infarct	Marked
Note: LIVER - TGL 4 IS NOT MESENTERY MASS BUT A LIVER LOBE			
Note: [INFARCT] TGLs = 4-12			
Note: [HEPATOCLR CARC] TGLs = 2-4+10			
Note: THAT MUST HAVE TORSED AND INFARCTED.			
Lung		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [HEPATOCLR CARC] TGLs = 1-3			
Note: [ALV BRON CARC] TGLs = 1-3			
Nose		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1620	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15411

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Cyst	
Skin	Subcut Tiss	Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 3-13			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1621	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 638
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Epididymis		Inflammation	Chronic, Moderate
Note: EPIDIDYMIS ON SLIDE 13 WITH RECUT PREPUTIAL. DOESN'T			
Note: SEEM LIKE FLOATER SO PERHAPS HERNIATED?			
Harderian Gland		Adenoma	
Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Liver		Hepatocellular Carcinoma	Multiple
Note: [HEPATOCLR CARC] TGLs = 2-4+10			
Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Mild
Note: [HEPATOCLR CARC] TGLs = 1-3			
Note: RECHECKED WET TISSUE AND MASS FOUND WAS BY THORACIC			
Note: PAS STAIN WAS NEGATIVE FOR IDENTIFYING GOBLET CELLS			
Note: LUNG - PAS IS NEGATIVE IN LUNG MASSES EXCEPT FOR THE			
Note: METASTATIC HEPATOCELLULAR CARCINOMA.			
Note: VERTEBRAE AND LIKELY IS PORTION OF MASS ALREADY CUT IN.			
Note: RECUT IN ANYWAY (SL. 12). PREPUTIAL GLAND ALSO HAD TINY			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1621	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 638
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15412

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LESION AND CUT IT IN (SLIDE 13).			
Note: [ALV BRON CARC] TGLs = 1,4-3+12			
Note: WITHIN LUNG TUMOR.			
Lymph Node	Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Mesentery	Fat	Angiectasis	Moderate
Note: [ANGIECTASIS] TGLs = 3-11			
Nose		Inflammation	Suppurative, Minimal
Preputial Gland		Adenoma	
Note: [ADENOMA] TGLs = 5-13			
Spleen		Hematopoietic Cell Proliferation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1622	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 312
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Heart
Kidney	Larynx	Lung	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Testes	Thyroid Gland

MISSING

Intestine Small - Duodenum	Mammary Gland

AUTO PRECLUDES DIAG.

Bone Marrow	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Pancreas	Seminal Vesicle	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow
Note: THERE IS A CELLULAR INFILTRATE OUTSIDE THE STERNUM THAT
Note: IN THE OTHER ANIMALS IS TYPICAL OF MALIGNANT LYMPHOMA,
Note: HOWEVER, AUTOLYSIS AND ABSENCE OF OTHER EVIDENCE (GROSS
Note: OR MICRO) DOESN'T ALLOW DIAGNOSIS.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1623	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 625 PPM SE13	**DISP:** Terminal Sacrifice	**HISTO:** 15414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Eye	Cornea	Inflammation	Chronic, Mild
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 3,4,5-3			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Bronchial	Hyperplasia	Mild
	Mandibular	Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1623	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 625 PPM SE13	**DISP:** Terminal Sacrifice	**HISTO:** 15414

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1624	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 471
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus	Mammary Gland	Pituitary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Ileum	Stomach - Glandular

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Harderian Gland		Adenoma	
Heart	Pericardium	Inflammation	Chronic, Mild
		Lymphoma Malignant Lymphocytic	
Note: [INFLAMMATION] TGLs = 3-4			
Intestine Small	Duodenum	Lymphoma Malignant Lymphocytic	
Note: SMALL INTESTINE- TGL 8 NOT ON SLIDE 6.			
Note: [LYMPH MAL LYMP] TGLs = 7-10			
Kidney		Inflammation	Suppurative, Mild
Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Lymphocytic	
Note: [HEPATOCLR ADEN] TGLs = 9-4			
Lung		Alveolar/Bronchiolar Carcinoma	
		Lymphoma Malignant Lymphocytic	
Note: [ALV BRON CARC] TGLs = 4-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1624	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 471
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15415

ORGAN AND ACCOUNTABLE SITE STATUS

	Renal	Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 2-2		
Note: [LYMPH MAL LYMP] TGLs = 6-11		
Note: [LYMPH MAL LYMP] TGLs = 10-12		
Pancreas	Acinus	Lymphoma Malignant Lymphocytic
Spleen		Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 5-4		
Thymus		Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 1-2		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1625	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 303
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Harderian Gland	Intestine Large - Rectum	Islets, Pancreatic
Larynx	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 5,6-4			
Kidney		Inflammation	Suppurative, Mild
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 12-5			
Liver		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 16-4+12			
Lung		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 11-3			
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1625	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 303
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15416

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL LYMP] TGLs = 15-10			
Note: [LYMPH MAL LYMP] TGLs = 14-17			
Note: [LYMPH MAL LYMP] TGLs = 1-14			
Note: [LYMPH MAL LYMP] TGLs = 10-13			
Note: [LYMPH MAL LYMP] TGLs = 13-18			
Note: [LYMPH MAL LYMP] TGLs = 4-3			
Note: [LYMPH MAL LYMP] TGLs = 2-16+20			
Mesentery	Fat	Lymphoma Malignant Lymphocytic	
	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 7-15			
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Angiectasis	Moderate
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 8-4			
Note: [ANGIECTASIS] TGLs = 9-4			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1626	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 520
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Heart	Endothelium	Hyperplasia	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: [HEPATOCLR ADEN] TGLs = 4-4+10			
Note: [HEPATOCLR CARC] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1627	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 247
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Nose
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

MISSING

Harderian Gland	Mammary Gland	Parathyroid Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Mineralization	Minimal
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Deep Cervical	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	

Note: [LYMPH MAL LYMP] TGLs = 8-14
Note: [LYMPH MAL LYMP] TGLs = 10-15
[Lymphoma Malignant Lymphocytic TGLS = 7-11]
[Lymphoma Malignant Lymphocytic TGLS = 4-10]
[Lymphoma Malignant Lymphocytic TGLS = 1,11-12]
[Lymphoma Malignant Lymphocytic TGLS = 5-3]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1627	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 247
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15418

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Lymphocytic TGLS = 9-13]			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Saliv Glands			
Note: TGL 11 IS MANDIBULAR LYMPH NODE, NOT SALIVARY GLAND.			
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 6-4]			
Thymus		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2,3-10			
Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1628	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 327
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Heart		Mineralization	Minimal
Liver		Lymphoma Malignant Lymphocytic	
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-7			
Note: [LYMPH MAL LYMP] TGLs = 3-11			
Skeletal Muscle		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-12			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1-4+10			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: [SQ CL PAPILLOM] TGLs = 5-8			
Thymus		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1628	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 327
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15419

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1629	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mediastinal	Mammary Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain	Olfactory Lobe	Glioma Malignant	
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 8-9			
Heart	Endothelium	Hyperplasia	Minimal
Intestine Small	Duodenum	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 5-6			
Kidney		Metaplasia	Osseous, Minimal
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON ADEN] TGLs = 2-3			
Note: [ALV BRON CARC] TGLs = 1-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Lymphoma Malignant Mixed	
Note: [ANGIECTASIS] TGLs = 6-6			
Skin	Sebaceous Gl	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-10			
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
Note: [HEMANGIOSARC] TGLs = 4-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1629	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15420

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Note: [HYPERPLASIA] TGLs = 7-8			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1630	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 631
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Intest Large			
Note: RECTUM - TGL 7 IS NOT ABNORMAL RECTUM BUT SEEMS TO BE AN			
Note: ACCESORY SEX GLAND PERHAPS IN AN ABBERRENT POSITION.			
Liver		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 8-4			
Lung	Mediastinum	Adenocarcinoma	Metastatic (Lung)
		Adenocarcinoma	Multiple
		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ADENOCARC] TGLs = 5-3+10			
Note: [ADENOCARC] TGLs = 1,2,3,4-3			
Note: ADENOCARCINOMA.			
Note: A POSITIVE PAS STAIN HELPED IDENTIFY LUNG TUMOR AS AN			
Preputial Gland		Degeneration	Cystic, Mild
		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1630	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 631
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15421

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [DEGEN] TGLs = 6-12		
Spleen	Hematopoietic Cell Proliferation	Mild
Stomach		
Note: HAS NO LESIONS.		
Note: STOMACH - NO LESION ON SLIDE AND CHECK OF BLOCK		
Note: INDICATES IT WOULD BE UNPRODUCTIVE TO RECUT. WET TISSUE		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1631	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 270
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Seminal Vesicle	Stomach - Glandular		

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Liver			
Note: ALTHOUGH SOME AUTOLYSIS IS PRESENT THERE IS NO OBVIOUS			
Note: REASON FOR BEING SMALL.			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-3]			
[Lymphoma Malignant Lymphocytic TGLS = 4-10]			
Spleen			
Note: ALTHOUGH SOME AUTOLYSIS IS PRESENT THERE IS NO OBVIOUS			
Note: REASON FOR BEING SMALL.			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1631	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 270
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15422

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 7-8	
Thymus	Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 1,2-10	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1632	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 352
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus

OBSERVATIONS

Bone Marrow		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
Liver		Hematopoietic Cell Proliferation	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 2-3			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Nose	Olfactory Epi	Atrophy	Moderate
	Nerve	Hyperplasia	Mild
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1633	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Thyroid Gland	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Harderian Gland		Adenoma	
Intestine Small	Ileum	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 8-13			
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Lymphoma Malignant Mixed	
		Necrosis	Minimal
Note: HEPATOCLR NEOPLASM TGLS 4,5,6-4+10			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
Note: CONSIDERED SIGNIFICANT IN AN EARLY DEATH.			
Note: [ALV BRON CARC] TGLs = 1-3			
Note: LUNG - TGL 2 PROBABLY DUE TO CONGESTION WHICH IS NOT			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 7-12			
Mesentery	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 3-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1633	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15424

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Lymphoma Malignant Mixed	
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
Note: [PIGMENT] TGLs = 9-8			
Testes	Interstit Cell	Hyperplasia	Minimal
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1634	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 638
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Testes
Thyroid Gland			

MISSING

Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland

AUTO PRECLUDES DIAG.

Bone Marrow	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Pancreas	Seminal Vesicle
Stomach - Glandular	Thymus	Trachea	

OBSERVATIONS

Harderian Gland		Hyperplasia	Minimal
Heart	Endothelium	Hyperplasia	Marked
Kidney		Inflammation	Suppurative, Mild
Liver		Hepatocellular Adenoma	
Note: LIVER - MAY BE CONGESTED BUT NOT CONSIDERED			
Note: SIGNIFICANT IN AN EARLY DEATH ANIMAL.			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 2-3			
Note: [ALV BRON CARC] TGLs = 3-3			
Note: LUNG - RECUT DID NOT IDENTIFY TGL 1.			
Lymph Node			
Note: LYMPH NODE - TGL 6 MAY HAVE BEEN RED BLOOD CELLS IN			
Note: PROBABLE ARTIFACT.			
Note: MEDIASTINUM (SL. 2) BUT LYMPH NODE NOT PRESENT.			
Preputial Gland		Inflammation	Suppurative, Marked
Note: IS PROBABLY HAVING SOMETHING TO DO WITH URINARY			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1634	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 638
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15425

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PREPUTIAL GL. - TGL 4 DOESN'T INVOLVE SKIN ON THIS		
Note: [INFLAMMATION] TGLs = 4-11		
Note: RETENTION AND PYELONEPHRITIS.		
Note: SECTION, BUT APPEARS TO INVOLVE PREPUTIAL GLAND AND		
Prostate	Inflammation	Suppurative, Minimal
Urinary Bladder	Dilatation	Moderate
Note: [DILATATION] TGLs = 5-10		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1635	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 625 PPM SE13	**DISP:** Terminal Sacrifice	**HISTO:** 15426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Urinary Bladder

OBSERVATIONS

Brain		Mineralization	Minimal
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 5-9+15			
Heart		Cardiomyopathy	Minimal
	Endothelium	Hyperplasia	Marked
Kidney		Histiocytic Sarcoma	
Liver		Angiectasis	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
		Infarct	Marked
Note: [HEPATOCLR ADEN] TGLs = 6-11			
Note: [INFARCT] TGLs = 7-12			
Note: [HEPATOCLR CARC] TGLs = 6-12			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Mediastinum	Histiocytic Sarcoma	
		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Marked
Note: [ALV BRON CARC] TGLs = 2,3-3+10			
Note: [HYPERPLASIA] TGLs = 3-3			
Lymph Node	Bronchial	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1635	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 625 PPM SE13	**DISP:** Terminal Sacrifice	**HISTO:** 15426

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1,8,9-3+5+13			
Mesentery	Fat	Hemangioma	
Note: [HEMANGIOMA] TGLs = 10-14			
Pancreas	Acinus	Histiocytic Sarcoma	
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-4			
Thymus		Histiocytic Sarcoma	
Thyroid Gland	Follicular Cel	Adenoma	
Tooth		Inflammation	Minimal
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: IN NATURE.
Animal Note: SOME OF THE LYMPHOMA CHARACTERISTICS ARE MIXED CELL

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1636	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 224
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Stomach - Glandular			

INSUFFICIENT TISSUE

Epididymis	Harderian Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Hemorrhage	Mild
[Hemorrhage TGLS = 6-1]			
Heart		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 8-4			
Note: THE LYMPHOMA.			
Note: TGL 8 MAY BE DUE TO SOME HEMORRHAGE ASSOCIATED WITH			
Kidney		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1-5			
Liver		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-4			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 9-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1636	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 224
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15427

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Lymphocytic TGLS = 7-3]			
[Lymphoma Malignant Lymphocytic TGLS = 5-10]			
Nose		Lymphoma Malignant Lymphocytic	
Pituitary Gland	Pars Distalis	Hemorrhage	Mild
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-10			

PRIMARY CAUSE OF DEATH -

Animal Note: ALTHOUGH AUTOLYSIS IS PRESENT SOME DIAGNOSIS CAN BE MADE.
Animal Note: AUTOLYSIS IS NOT AS SEVERE AS NOTED GROSSLY.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1637	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 625 PPM SE13	**DISP:** Accident	**HISTO:** 15428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Tissue NOS	Trachea

MISSING

Lymph Node - Bronchial	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Urinary Bladder		

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Mineralization	Minimal
Heart		Mineralization	Moderate
Note: [MINERALIZATION] TGLs = 1-4			
Lung		Lymphoma Malignant Lymphocytic	
Nose	Olfactory Epi	Atrophy	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-4			
Stomach			
Note: STOMACH RECUT SHOWED NO LESION.			
Thymus		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1638	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 625 PPM SE13	**DISP:** Terminal Sacrifice	**HISTO:** 15429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Urinary Bladder			

MISSING

Lymph Node - Mediastinal	Mammary Gland	Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-12			
Heart	Endothelium	Hyperplasia	Marked
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASM TGLS 4,5-4+10			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: [ALV BRON ADEN] TGLs = 6,7-3			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mandibular	Hyperplasia	Marked
Note: LYMPH NODE - EMPH HAS MANY MEGAKARYOCYTES			
Note: [HYPERPLASIA] TGLs = 2-7			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Skin	Sebaceous Gl	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1638	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 625 PPM SE13	**DISP:** Terminal Sacrifice	**HISTO:** 15429

ORGAN AND ACCOUNTABLE SITE STATUS

Trachea	Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1639	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 558
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mediastinal	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Harderian Gland	Bilateral	Adenoma	
Note: WAS ON SLIDE 12 THEN TUMORS ARE BILATERAL.			
Note: HARDERIAN GL.- SL. 9 HAS AN ADENOMA ALSO. IF ALL OF LEFT			
Note: [ADENOMA] TGLs = 5-9+12			
Kidney		Nephropathy	Minimal
Liver	Biliar Tract	Cyst	
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 7-4			
Note: [CYST] TGLs = 3-10			
Lung		Alveolar/Bronchiolar Adenoma	
		Carcinoma	Metastatic (Preputial Gland)
Note: [CARCINOMA] TGLs = 4-3			
Lymph Node	Mesenteric	Congestion	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Iliac	Hyperplasia	Mild
	Mandibular	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1639	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 558
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15430

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 8-11			
Note: [CONGESTION] TGLs = 9-6			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
Preputial Gland		Carcinoma	
Note: EFFECTS OF THE TUMOR.			
Note: [CARCINOMA] TGLs = 1,6-13+14+16			
Note: PREPUTIAL GLAND- TGL 6 IS ANEMIA RELATED TO POSSIBLY THE			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 2-17+4			
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1640	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 271
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Parathyroid Gland	Prostate
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Note: [LYMPH MAL LYMP] TGLs = 7,8-4			
Intestine Small	Duodenum	Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 6-4			
Lung		Hemorrhage	Mild
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 10-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 9-10			
Note: [LYMPH MAL LYMP] TGLs = 1,4-11			
[Lymphoma Malignant Lymphocytic TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1640	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 271
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15431

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Skin	Subcut Tiss	Hemorrhage	Moderate
	Subcut Tiss	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 11-12]			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-4			
Thymus		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 5,12-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1641	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Brain		Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 7-1			
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 6-9+11			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 3-4			
Kidney		Hemangiosarcoma	Metastatic (Heart)
		Nephropathy	Minimal
Liver		Hemangiosarcoma	Metastatic (Heart)
		Necrosis	Mild
Note: [HEMANGIOSARC] TGLs = 4,5-4+10			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: [ALV BRON ADEN] TGLs = 2-3			
Note: [HEMANGIOSARC] TGLs = 1-3			
Thymus		Necrosis	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1642	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 553
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Small - Duodenum	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain	Olfactory Lobe	Glioma Malignant	
Note: [GLIOMA MAL] TGLs = 2-1			
Harderian Gland		Adenoma	
Liver		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 4,5,6-4+10			
Lung	Alveolar Epith	Hyperplasia	Minimal
Note: DEATH IN A CHRONIC STUDY.			
Note: NOT CONSIDERED SIGNIFICANT TO DIAGNOSE IN A SPONTANEOUS			
Note: LUNG- CONGESTION PRESENT PROBABLY ACCOUNTS FOR TGL 1 BUT			
Nose		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1643	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

MISSING

Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Harderian Gland		Hyperplasia	Marked
Liver		Hepatocellular Carcinoma	Multiple
Note: [HEPATOCLR CARC] TGLs = 6,7-10+11			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON CARC] TGLs = 1-3			
Lymph Node	Mesenteric	Congestion	Moderate
Note: [CONGESTION] TGLs = 9-6			
Preputial Gland		Carcinoma	
		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 2-13			
Note: [CARCINOMA] TGLs = 2-13			
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 3-13			
Testes		Hemangioma	
Note: [HEMANGIOMA] TGLs = 4-7			
Urinary Bladder		Dilatation	Moderate
Note: [DILATATION] TGLs = 5-12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1643	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15434

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1644	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 284
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
Bone Marrow		Lymphoma Malignant Mixed	
Heart	Endothelium	Hyperplasia	Mild
		Mineralization	Minimal
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 8-4			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Bronchial	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 6-5			
Note: [LYMPH MAL MIXD] TGLs = 4-10			
Note: [LYMPH MAL MIXD] TGLs = 5-3			
Note: [LYMPH MAL MIXD] TGLs = 3-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1644	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 284
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15435

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL MIXD] TGLs = 2-6		
Note: [LYMPH MAL MIXD] TGLs = 7-12		
Pancreas	Acinus	Lymphoma Malignant Mixed
Spleen		Lymphoma Malignant Mixed
Note: [LYMPH MAL MIXD] TGLs = 1-4		
Thymus		Lymphoma Malignant Mixed
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1645	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 169
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Pancreas
Salivary Glands	Seminal Vesicle	Skin	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Harderian Gland	Intestine Small - Duodenum	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Inflammation	Suppurative, Moderate
		Lymphoma Malignant Lymphocytic	
Note: [INFLAMMATION] TGLs = 6-5			
Note: [LYMPH MAL LYMP] TGLs = 6-5			
Liver		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 7-4			
Note: LYMPHOMA, OR AGONAL.			
Note: RED DUE TO CONGESTION, PROBABALT DUE TO AFFECT OF			
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPHOMA, OR AGONAL.			
Note: RED DUE TO CONGESTION, PROBABLY DUE TO AFFECT OF			
Note: [LYMPH MAL LYMP] TGLs = 5-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1645	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 169
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15436

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Lymphocytic TGLS = 4-3]			
[Lymphoma Malignant Lymphocytic TGLS = 3-10]			
[Lymphoma Malignant Lymphocytic TGLS = 1-7]			
Nose		Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Prostate		Inflammation	Suppurative, Mild
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-4			
Stomach	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1646	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thyroid Gland
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Mammary Gland	Pituitary Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 5-12			
Kidney		Squamous Cell Carcinoma	Metastatic (Stomach)
Lung		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 4-3			
Lymph Node	Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [SQUAM CEL CARC] TGLs = 3-2			
Mesentery	Fat	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [SQUAM CEL CARC] TGLs = 2-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 1-10			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1647	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 251
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	Mammary Gland	Seminal Vesicle

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
Liver		Necrosis	Mild
Note: [NECROSIS] TGLs = 3-4			
Note: BACTERIAL COLONIES ARE PRESENT IN NECROTIC FOCI.			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 1,5-2+7			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1648	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 611
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Mesenteric	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Glandular
Thyroid Gland	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland

INSUFFICIENT TISSUE

Lymph Node - Mediastinal

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 6-14			
Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Inflammation	Granulomatous, Focal, Mild
		Necrosis	Mild
Note: [HEPATOCLR ADEN] TGLs = 3-11			
Lung	Alveolar Epith	Hyperplasia	Moderate
Note: PLACE WHERE THE SEPARATE SECTION WAS TAKEN.			
Note: LOBE LESION IS PRESENT ON MAIN SECTION AND IS LARGE			
Note: ENOUGH TO BE GROSSLY VISIBLE BUT PROBABLY NOT RAISED			
Note: FROM SURFACE. RECUT SHOWS LESION WAS CLOSE TO THE			
Note: LUNG - TGL 7 MAY HAVE BEEN CUT THROUGH SINCE IT IS NOT			
Note: [HYPERPLASIA] TGLs = 7-3			
Note: ON SEPARATE SECTION AND NOT APPARENT IN BLOCK. A LEFT			
Lymph Node	Mandibular	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1648	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 611
	DOSE: 625 PPM SE13	**DISP:** Moribund	**HISTO:** 15439

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 1-7			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Preputial Gland	Bilateral	Carcinoma	
Note: [CARCINOMA] TGLs = 2-15			
Skin	Sebaceous Gl	Adenoma	
Note: [ADENOMA] TGLs = 5-13			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 9-12			
Testes		Angiectasis	Moderate
Note: [ANGIECTASIS] TGLs = 8-7			
Thymus		Necrosis	Minimal
Trachea		Inflammation	Suppurative, Minimal
Zymbal's Gland		Carcinoma	
Note: AND NOT SKIN.			
Note: ZYMBAL'S GL. = TGL 4 IS ZYMBAL'S GLAND MOST LIKELY			
Note: [CARCINOMA] TGLs = 4-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1649	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 370
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Heart
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Testes	Thyroid Gland
Trachea			

MISSING

Islets, Pancreatic	Mammary Gland	Thymus

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Pancreas
Seminal Vesicle	Urinary Bladder		

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Liver		Necrosis	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
		Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [ALV BRON CARC] TGLs = 1-3			
Note: PRIMARY SITE OF SQ CELL CARC IS FORESTOMACH, HOWEVER, TERM			
Note: IS NOT AVAILABLE ON TDMS SO ENTERED AS STOMACH.			
Lymph Node	Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach)
	Mesenteric	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [SQUAM CEL CARC] TGLs = 4-2			
Note: PRIMARY SITE OF SQ CELL CARC IS FORESTOMACH, HOWEVER, TERM			
Note: IS NOT AVAILABLE ON TDMS SO ENTERED AS STOMACH.			
Mesentery	Fat	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: IS NOT AVAILABLE ON TDMS SO ENTERED AS STOMACH.			
Note: PRIMARY SITE OF SQ CELL CARC IS FORESTOMACH, HOWEVER, TERM			
Skeletal Muscle	Abdominal	Squamous Cell Carcinoma	Metastatic (Stomach)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1649	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 370
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15440

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TERM IS NOT AVAILABLE ON TDMS SO ENTERED AS STOMACH.			
Note: PRIMARY SITE OS SQ CELL CARCINOMA IS FORESTOMACH, HOWEVER,			
Note: [SQUAM CEL CARC] TGLs = 2-10			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 5-4			
Stomach	Forestomach	Squamous Cell Carcinoma	
	Glandular	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: IS NOT AVAILABLE ON TDMS SO PRIME SITE ENTERED AS STOMACH.			
Note: PRIMARY SITE OF SQ CELL CARC IS FORESTOMACH, HOWEVER TERM			
Note: [SQUAM CEL CARC] TGLs = 3-11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1650	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 208
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Larynx	Liver	Lung	Nose
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Gland - Medulla	Harderian Gland	Islets, Pancreatic	Mammary Gland
Parathyroid Gland			

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum			

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Mineralization	Minimal
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	

Note: [LYMPH MAL LYMP] TGLs = 2,3-3
[Lymphoma Malignant Lymphocytic TGLS = 8-6]
[Lymphoma Malignant Lymphocytic TGLS = 1-7]
[Lymphoma Malignant Lymphocytic TGLS = 4-10]
[Lymphoma Malignant Lymphocytic TGLS = 7-11]
[Lymphoma Malignant Lymphocytic TGLS = 5-5]
[Lymphoma Malignant Lymphocytic TGLS = 6-12]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1650	**TRT#:** 15	**SEX:** Male	**DAY ON TEST:** 208
	DOSE: 625 PPM SE13	**DISP:** Dead	**HISTO:** 15441

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Lymphoma Malignant Lymphocytic
Spleen		Lymphoma Malignant Lymphocytic
Thymus		Lymphoma Malignant Lymphocytic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1801	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 288
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Larynx	Liver
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum Intestine Small - Jejunum

OBSERVATIONS

Brain		Mineralization	Minimal
Heart		Mineralization	Minimal
Lung		Lymphoma Malignant Lymphocytic	
Note: RED PROBABLY DUE TO CONGESTION CAUSED BY LYMPHOMA (TGL 7).			
Note: [LYMPH MAL LYMP] TGLs = 7-3			
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3,9-6			
Note: [LYMPH MAL LYMP] TGLs = 4-11			
Note: [LYMPH MAL LYMP] TGLs = 11-12			
Note: [LYMPH MAL LYMP] TGLs = 12-13			
Note: [LYMPH MAL LYMP] TGLs = 1-7			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1801	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 288
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15442

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL LYMP] TGLs = 10-5			
Note: [LYMPH MAL LYMP] TGLs = 6-3			
Note: [LYMPH MAL LYMP] TGLs = 2,5-2			
Prostate		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 8-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1802	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 203
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Cardiomyopathy	Minimal
Kidney		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-5			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-10			
[Lymphoma Malignant Lymphocytic TGLS = 7-12]			
[Lymphoma Malignant Lymphocytic TGLS = 6-11]			
[Lymphoma Malignant Lymphocytic TGLS = 5-5]			
[Lymphoma Malignant Lymphocytic TGLS = 8-6]			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1802	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 203
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15443

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1803	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 301
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Larynx	Nose
Parathyroid Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Testes	Thyroid Gland	Trachea

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
	Medulla	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Epididymis		Lymphoma Malignant Lymphocytic	
Intestine Large	Cecum	Lymphoma Malignant Lymphocytic	
Note: CECUM - LYMPHOMA NODULE IS NECROTIC.			
Note: [LYMPH MAL LYMP] TGLs = 10-11			
Intestine Small	Ileum	Lymphoma Malignant Lymphocytic	
	Jejunum	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 11-10			
Note: [LYMPH MAL LYMP] TGLs = 11-10			
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Note: [LYMPH MAL LYMP] TGLs = 5-4			
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPOMA ELSEWHERE IS LYMPHOCYTIC.			
Note: LYMPHOMA HERE LOOKS SOMEWHAT HISTIOCYTIC, BUT REST OF			
Note: [LYMPH MAL LYMP] TGLs = 7,8,9-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1803	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 301
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15444

ORGAN AND ACCOUNTABLE SITE STATUS

	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
		Lymphoma Malignant Lymphocytic	
	Mandibular	Necrosis	Moderate
Note: [LYMPH MAL LYMP] TGLs = 6-2			
Note: [LYMPH MAL LYMP] TGLs = 1-7			
[Lymphoma Malignant Lymphocytic TGLS = 2-2]			
[Lymphoma Malignant Lymphocytic TGLS = 4-6]			
Mammary Gl			
Note: NON-SPECIFIED SITE.			
Note: MAMMARY TGL IS NOT MAMMARY, BUT RATHER A LYMPH NODE OF A			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1804	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 492
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Eye	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Thymus			

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Harderian Gland		Adenoma	
		Hyperplasia	Minimal
Note: HARDERIAN GLAND- EYELID PROLAPSE PROBABLY DUE TO HARDERIAN			
Note: [ADENOMA] TGLs = 3-9			
Note: GL. LESIONS. EYELID SKIN APPEARED NORMAL			
Heart		Hemangiosarcoma	
Kidney		Nephropathy	Mild
Liver		Hematopoietic Cell Proliferation	Moderate
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON CARC] TGLs = 1-3			
Note: [ALV BRON ADEN] TGLs = 1-3			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Skin	Hair Follicle	Atrophy	Minimal
		Cyst Epithelial Inclusion	
Note: [ATROPHY] TGLs = 2-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1804	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 492
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15445

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [CYST EPITH INC] TGLs = 5-13	
Spleen	Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 4-4	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1805	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 313
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

INSUFFICIENT TISSUE

Harderian Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	
		Lymphoma Malignant Lymphocytic	
Note: [HEPATOCLR ADEN] TGLs = 5-12			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-10			
Note: [LYMPH MAL LYMP] TGLs = 1-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1805	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 313
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15446

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL LYMP] TGLs = 2-2		
Pancreas	Acinus	Lymphoma Malignant Lymphocytic
Salivary Glands		Lymphoma Malignant Lymphocytic
Spleen		Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 3-4		
Thymus		Lymphoma Malignant Lymphocytic
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1806	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 554
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Testes	Thyroid Gland	Urinary Bladder

MISSING

Mammary Gland	Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Blood			
Note: BUT RELATIONSHIP NOT CLEAR CUT THEREFORE CALLED NCL.			
Note: THIN BLOOD (TGL 2) MAY BE RELATED TO ANEMIA OF NEOPLASIA			
Bone Marrow		Hyperplasia	Mild
Harderian Gland		Hyperplasia	Minimal
Heart		Hemangiosarcoma	
Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Necrosis	Minimal
Note: LIVER- CHECKED BLOCK & WET TISSUE AND COULDN'T SEE TGL 5.			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 4-3			
Note: LUNG- A/B ADENOMAS ARE BORDERLINE - SMALL BUT COMPRESS &			
Note: LOSE ALVEOLAR ARCHITECTURE.			
Lymph Node	Bronchial	Hematopoietic Cell Proliferation	Minimal
	Mediastinal	Hematopoietic Cell Proliferation	Mild
	Pancreatic	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1806	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 554
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15447

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 6-10			
Pancreas	Acinus	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: SEE GROSSLY.			
Note: [SQUAM CEL CARC] TGLs = 6-10			
Note: PANCREAS- THE HYPERPLASTIC LYMPHNODE IS LARGER THAN THE			
Note: METASTATIC LESION. BOTH ARE PROBABLY LARGE ENOUGH TO			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 1-4			
Stomach	Forestomach	Squamous Cell Carcinoma	
	Glandular	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: FORESTOMACH- 2 PATTERNS OF SQUAMOUS CELL GROWTH. THE LESS			
Note: DIFFERENTIATED GIVES OFF GREAT AMOUNTS OF KERATIN.			
Note: [SQUAM CEL CARC] TGLs = 3-11+12+13			
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1807	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 483
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Glandular
Testes	Thyroid Gland	Urinary Bladder	

MISSING

Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
	Medulla	Hematopoietic Cell Proliferation	Mild
Bone Marrow		Hyperplasia	Marked
Epididymis		Infiltration Cellular	Mixed Cell, Mild
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 8-12			
Note: HARDERIAN GL. - GLAND REMAINING IN SKULL IS NORMAL.			
Heart	Endothelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
		Necrosis	Mild
Kidney		Squamous Cell Carcinoma	Metastatic (Stomach)
Liver		Hematopoietic Cell Proliferation	Mild
		Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [SQUAM CEL CARC] TGLs = 12,4-4+10+11+14			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [ALV BRON CARC] TGLs = 6-3			
Note: [SQUAM CEL CARC] TGLs = 5-3			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1807	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 483
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15448

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Bronchial	Hematopoietic Cell Proliferation	Marked
	Inguinal	Hematopoietic Cell Proliferation	Moderate
	Mandibular	Hematopoietic Cell Proliferation	Moderate
	Mediastinal	Hematopoietic Cell Proliferation	Marked
	Mesenteric	Hematopoietic Cell Proliferation	Marked
	Inguinal	Squamous Cell Carcinoma	Metastatic (Stomach)
	Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: LYMPH NODE - INGUINAL MAY BE ILIAC.			
Note: [SQUAM CEL CARC] TGLs = 10-13			
Note: [HEMA CELL PROL] TGLs = 7-2			
Note: [HEMA CELL PROL] TGLs = 9-6			
Note: [HEMA CELL PROL] TGLs = 11-3			
Mesentery	Fat	Squamous Cell Carcinoma	Metastatic (Stomach)
Salivary Glands		Infiltration Cellular	Mixed Cell, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
		Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [HEMA CELL PROL] TGLs = 2-4+15			
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: STOMACH - ALTHOUGH CALLED SQ CELL CA IT HAS A PROMINENT			
Note: ADENOID PATTERN AS WELL AS TYPICAL SQUAMOUS APPEARANCE.			
Note: [SQUAM CEL CARC] TGLs = 1,3-8			
Thymus		Infiltration Cellular	Mixed Cell, Minimal
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1808	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 268
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Mammary Gland
Nose	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-11			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Skin		Inflammation	Chronic, Marked
Note: [INFLAMMATION] TGLs = 1-12			
Note: THROUGH OUT THE CROSS SECTION OF TISSUES.			
Note: STUMP OF AMPUTATED FOOT HAS CHRONIC/ACTIVE INFLAMMATION			
Spinal Cord		Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1808	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 268
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15449

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Lymphoma Malignant Lymphocytic
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1809	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 288
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart	Endothelium	Hyperplasia	Minimal
		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
		Necrosis	Minimal
Lung		Hemorrhage	Minimal
		Lymphoma Malignant Lymphocytic	
Note: [HEMORRHAGE] TGLs = 5-4			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1,2-11			
[Lymphoma Malignant Lymphocytic TGLS = 4-3]			
[Lymphoma Malignant Lymphocytic TGLS = 9-6]			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 7-4			
Stomach	Forestomach	Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1809	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 288
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15450

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [SQUAM CEL CARC] TGLs = 6,8-10	
Thymus	Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 3-11	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1810	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 231
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Gallbladder		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Kidney		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-5			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-11]			
Nose		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1810	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 231
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15451

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL LYMP] TGLs = 1-4	
Testes	Lymphoma Malignant Lymphocytic
Thymus	Lymphoma Malignant Lymphocytic
[Lymphoma Malignant Lymphocytic TGLS = 5-10]	
Urinary Bladder	Lymphoma Malignant Lymphocytic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1811	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 354
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Rectum	Lymph Node - Mandibular	Mammary Gland	Prostate

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Jejunum

OBSERVATIONS

Bone Marrow		Atrophy	Marked
Intestine Large	Colon	Necrosis	Moderate
Note: [NECROSIS] TGLs = 2-10			
Note: AREAS OF NECROSIS AND BACTERIA.			
Note: COLCON IS TOO AUTOLYTIC TO INTERPRET ADEQUATELY, BUT LARGE			
Liver		Necrosis	Minimal
Note: [NECROSIS] TGLs = 3-4			
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
	Pleura	Inflammation	Chronic, Minimal
Note: SEEMS TO BE THROMBI AND BACTERIA BUT THIS IS UNCLEAR.			
Note: PARENCHYMA. AUTOLYSIS INTERFERES WITH INTERPERTATION.			
Note: PLEURAL FOCI OF INFLAMMATION NEXT TO BACTERIAL COLONIES IN			
Note: [INFLAMMATION] TGLs = 5-3			
Note: [HEMORRHAGE] TGLs = 4-3			
Lymph Node	Mediastinal	Congestion	Moderate
	Mesenteric	Inflammation	Moderate
Preputial Gland		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1811	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 354
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15452

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [INFLAMMATION] TGLs = 1-11		
Spleen	Hematopoietic Cell Proliferation	Mild
Note: MEGAKAROCYTIC.		
Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH	-

Animal Note: BACTEREMIC

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1812	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 313
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mesenteric
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Thymus

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW HYPERPLASIA IS GRANULOCYTIC.			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 6-4			
Larynx			
Note: LARYNGEAL FLUID UNDOUBTABLY WAS FROM PULMONARY HEMORRHAGE			
Note: AND METATSTATIC HEMANGIOSARCOMA.			
Lung		Hemangiosarcoma	Metastatic (Heart)
		Hemorrhage	Marked
Note: [HEMANGIOSARC] TGLs = 7,8-3			
Note: [HEMORRHAGE] TGLs = 7,8-3			
Lymph Node	Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: ARE CONGESTED (DARK). METASTASIS TO MEDIASTINAL NODE WOULD			
Note: BE UNUSUAL BUT IT IS POSSIBLE. MAKES NO DIFFERENCE TO			
Note: OVERALL INTERPRETATION.			
Note: [SQUAM CEL CARC] TGLs = 5-2			
Note: BE PALE NOT DARK AS LISTED. SOME LYMPHNODES ON SLIDE 3			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1812	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 313
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15453

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ON SLIDE 2 IS LARGER THAN THAT LISTED IN TGL 5 AND SHOULD			
Note: THE ONE DESIGNATED MEDIASTINAL IS QUESTIONABLE. THE ONE			
Note: PRIMARY SITE OS SQ CELL CARC IS FORESTOMACH, HOWEVER, TERM			
Note: IS NOT AVAILABLE ON TDMS SO ENTERED AS STOMACH.			
Skeletal Muscle	Diaphragm	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: IS NOT AVAILABLE ON TDMS SO ENTERED AS STOMACH.			
Note: PRIMARY SITE OF SQ CELL CARC IS FORESTOMACH, HOWEVER, TERM			
Note: [SQUAM CEL CARC] TGLs = 4-10			
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 1-11			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1813	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 359
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Thymus

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Minimal
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1,2-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 3-4+10			
Lung	Alveolar Epith	Hyperplasia	Mild
Stomach	Forestomach	Squamous Cell Papilloma	
Note: [SQ CL PAPILLOM] TGLs = 4-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1814	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 412
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Nose
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Testes	Thyroid Gland	Trachea	

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx			

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Note: [HEPATOCLR ADEN] TGLs = 5-10			
Note: [LYMPH MAL LYMP] TGLs = 4,6-4+10			
Lung	Alveolar Epith	Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1814	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 412
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15455

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL LYMP] TGLs = 1-7			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
	Forestomach	Squamous Cell Papilloma	
Note: [PIGMENT] TGLs = 7-8			
Note: [SQ CL PAPILLOM] TGLs = 8-8			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1815	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 429
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Mammary Gland

INSUFFICIENT TISSUE

Parathyroid Gland	Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
		Mast Cell Tumor Nos	
Note: SPECIAL STAIN OF T-BLUE WAS POSITIVE FOR MAST CELLS.			
Note: TDMS.			
Note: GIEMSA USED TO DENOTE STAIN SINCE T-BLUE NOT AVAILABLE ON			
Note: BONE MARROW APPEARS GRANULOCYTIC AND HAS FOCI OF BASOPHILS			
Note: (MAST CELLS). T- BLUE STAIN WAS POSITIVE FOR METACHROMASIA.			
Heart		Carcinoma	Metastatic (Zymbal'S Gland)
	Endothelium	Hyperplasia	Mild
Note: TUMOR OR EMBOLUS IN ATRIUM.			
Kidney		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Liver		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: EMHP HAS A VARIETY OF CELL TYPES BUT ESPECIALLY PROMINENT			
Note: ARE BASOPHILS (KIDNEY & SPLEEN & MANDIBULAR LN & STOMACH).			
Lung		Alveolar/Bronchiolar Carcinoma	
	Mediastinum	Carcinoma	Metastatic (Zymbal'S Gland)
		Carcinoma	Metastatic (Zymbal'S Gland)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1815	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 429
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15456

ORGAN AND ACCOUNTABLE SITE STATUS

		Hemorrhage	Moderate
Note: [ALV BRON CARC] TGLs = 3-11			
Note: [CARCINOMA] TGLs = 2-3+11			
Lymph Node	Mandibular	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Pharynx		Carcinoma	Metastatic (Zymbal'S Gland)
Pituitary Gland		Carcinoma	Metastatic (Zymbal'S Gland)
Note: THAT AREA.			
Note: A NERVE AND BONE SPICULE WHICH WOULD BE EXPECTED FROM			
Note: ALTHOUGH PITUITARY TISSUE NOT SEEN THE ZYMBAL'S MASS HAS			
Note: [CARCINOMA] TGLs = 5-8			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: [HEMA CELL PROL] TGLs = 4-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Mast Cell Tumor Nos	Metastatic (Bone Marrow)
Note: [HYPERPLASIA] TGLs = 6-8			
Zymbal's Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 1-10			
Note: IN MEDIASTINUM.			
Note: INVASIVE TO PHARNYX BENEATH LARNYX. LARGE EMBOLIC TUMOR			

PRIMARY CAUSE OF DEATH -

Animal Note: PRIMARY IN BONE MARROW AND METASTATIC ELSEWHERE.
Animal Note: FOR TABULATION PURPOSES MAST CELL TUMOR IS DESIGNATED

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1816	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 364
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Gallbladder	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Larynx	Nose	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus	Lymph Node - Mesenteric	Mammary Gland	Pituitary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Histiocytic Sarcoma	
Bone Marrow		Histiocytic Sarcoma	
Harderian Gland		Adenoma	
Heart		Histiocytic Sarcoma	
Intestine Large	Cecum	Histiocytic Sarcoma	
Intestine Small	Ileum	Histiocytic Sarcoma	
	Jejunum	Histiocytic Sarcoma	
	Jejunum, Peyers Patch	Necrosis	Moderate
Note: [HISTIO SARC] TGLs = 9-6			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 10-5			
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 6-4+11			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-3			
Note: [HEMORRHAGE] TGLs = 11-3			
Lymph Node	Bronchial	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1816	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 364
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15457

ORGAN AND ACCOUNTABLE SITE STATUS

	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-2+3+7			
Mesentery	Fat	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 14-6+12			
Pancreas	Acinus	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 8-4			
Spleen		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2,7,12,13-4+10			
Stomach	Glandular	Histiocytic Sarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1817	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 245
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Nose
Pancreas	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland	Pituitary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 5-4			
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Hemorrhage	Minimal
		Lymphoma Malignant Lymphocytic	
Note: [HEMORRHAGE] TGLs = 4-11			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Glandular	Lymphoma Malignant Lymphocytic	
	Glandular	Ulcer	Minimal
Note: [ULCER] TGLs = 2-8			
Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1817	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 245
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15458

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1818	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 513
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Brain		Histiocytic Sarcoma	
Harderian Gland		Adenoma	
		Hyperplasia	Mild
Note: [ADENOMA] TGLs = 4-11			
Kidney		Histiocytic Sarcoma	
Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6,7-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON CARC] TGLs = 2-3			
Note: [HISTIO SARC] TGLs = 3-3			
Lymph Node	Mandibular	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-6+7			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1818	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 513
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15459

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Hematopoietic Cell Proliferation	Moderate
	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-4+10		
Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1819	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 543
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum

OBSERVATIONS

Harderian Gland		Adenoma	
Heart	Endothelium	Hyperplasia	Minimal
		Mineralization	Mild
Liver		Hemangiosarcoma	
		Necrosis	Moderate
Note: [HEMANGIOSARC] TGLs = 1,5-4+11			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemangiosarcoma	Metastatic (Liver)
Note: [ALV BRON ADEN] TGLs = 3,4-3			
Note: [HEMANGIOSARC] TGLs = 2-3			
Lymph Node	Mesenteric	Angiectasis	Marked
Note: [ANGIECTASIS] TGLs = 7-10			
Pancreas	Acinus	Hemangiosarcoma	Metastatic (Liver)
Note: [HEMANGIOSARC] TGLs = 9-12			
Seminal Vesicle		Hemangiosarcoma	Metastatic (Liver)
Note: [HEMANGIOSARC] TGLs = 8-8			
Skeletal Muscle	Diaphragm	Hemangiosarcoma	Metastatic (Liver)
Note: [HEMANGIOSARC] TGLs = 11-11			
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1819	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 543
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15460

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Glandular	Ulcer	Mild
Note: [ULCER] TGLs = 10-8			
Testes		Degeneration	Mild
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1820	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 553
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Prostate

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Marked
Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 4,6,7-4			
Lung		Alveolar/Bronchiolar Adenoma	
	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 2-3			
Note: PAS STAIN WAS NEGATIVE IN TRYING TO IDENTIFY LUNG TUMOR			
Note: AS AN ADENOCARCINOMA.			
Lymph Node	Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Mandibular	Squamous Cell Carcinoma	Metastatic (Pharynx)
Note: [SQUAM CEL CARC] TGLs = 1-7			
Mesentery	Fat	Hemorrhage	Moderate
	Fat	Necrosis	Mild
Note: [HEMORRHAGE] TGLs = 3-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1820	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 553
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15461

ORGAN AND ACCOUNTABLE SITE STATUS

Pharynx	Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 5-9+10		
Spleen	Hematopoietic Cell Proliferation	Mild
Thymus	Necrosis	Mild
Thyroid Gland	Cyst	
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: 7

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1821	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 215
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Harderian Gland	Islets, Pancreatic	Larynx
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Seminal Vesicle	

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Hemorrhage	Mild
		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Note: [LYMPH MAL LYMP] TGLs = 5-4			
Kidney		Hemorrhage	Mild
		Lymphoma Malignant Lymphocytic	
Note: [HEMORRHAGE] TGLs = 7-5			
Note: [LYMPH MAL LYMP] TGLs = 6-5			
Liver		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-4			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 8-7]			
Spleen		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1821	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 215
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15462

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL LYMP] TGLs = 2,4-4+11			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 9-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1822	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 270
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

MISSING

Harderian Gland	Mammary Gland

INSUFFICIENT TISSUE

Lymph Node - Bronchial

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Epididymis		Lymphoma Malignant Lymphocytic	
Heart		Inflammation	Suppurative, Minimal
Kidney		Inflammation	Suppurative, Mild
		Lymphoma Malignant Lymphocytic	
Liver		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Hematopoietic Cell Proliferation	Mild
	Mediastinal	Hematopoietic Cell Proliferation	Mild
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-10			
Note: [LYMPH MAL LYMP] TGLs = 1-7			
Nose		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1822	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 270
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15463

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant Lymphocytic	
Note: [HEMORRHAGE] TGLs = 2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Lymphoma Malignant Lymphocytic	
Note: [HYPERPLASIA] TGLs = 4-8			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

Animal Note: STRONG HEMATOPOEITIC RESPONSE AMONG THE LYMPHOMA
Animal Note: INVOLVED ORGANS - EVIDENCED MOST EASILY BY MEGA-
Animal Note: KARYOCYTES.
Animal Note: BACTERIA IN SEVERAL ORGANS, EG. HEART, KIDNEYS.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1823	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 222
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Parathyroid Gland
Pituitary Gland	Salivary Glands	Testes	Thyroid Gland

MISSING

Harderian Gland	Mammary Gland	Prostate

AUTO PRECLUDES DIAG.

Adrenal Gland - Medulla	Gallbladder	Islets, Pancreatic	Pancreas
Seminal Vesicle	Trachea		

INSUFFICIENT TISSUE

Urinary Bladder

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Mineralization	Mild
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 10-3			
Note: LUNG - TGL 10 DUE TO CONGESTION DUE DIRECTLY OR			
Note: INDIRECTLY TO THE LYMPHOMA.			
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1823	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 222
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15464

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL LYMP] TGLs = 6-16			
Note: TGL-4 ON SLIDE 11 HAS NO OBVIOUS LIVER BUT DOES HAVE SOME			
Note: PANCREAS (PANCREATIC LYMPHNODE-ADHERED TO LIVER GROSSLY?)			
[Lymphoma Malignant Lymphocytic TGLS = 3-14]			
[Lymphoma Malignant Lymphocytic TGLS = 11-17]			
[Lymphoma Malignant Lymphocytic TGLS = 5-12]			
[Lymphoma Malignant Lymphocytic TGLS = 9-10]			
[Lymphoma Malignant Lymphocytic TGLS = 13-3]			
[Lymphoma Malignant Lymphocytic TGLS = 1-13]			
[Lymphoma Malignant Lymphocytic TGLS = 4-11]			
Nose		Lymphoma Malignant Lymphocytic	
Skin		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 12-15			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular	Lymphoma Malignant Lymphocytic	
Note: GLANDULAR MUCOSA AUTOLYZED BUT CAN STILL MAKE OUT			
Note: TGL-14 AS A LYMPHOMA INFILTRATE.			
Note: [HYPERPLASIA] TGLs = 15-8			
Note: [LYMPH MAL LYMP] TGLs = 14-8			
Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 7,8-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1824	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 306
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Intestine Small - Jejunum	Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Hemangiosarcoma	Metastatic (Heart)
		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Note: [HEMANGIOSARC] TGLs = 1,2-11			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 5-3			
Note: [LYMPH MAL LYMP] TGLs = 4-10			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 6-4			
Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1824	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 306
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15465

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL LYMP] TGLs = 3-10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1825	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 262
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Harderian Gland	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic
Heart		Lymphoma Malignant Lymphocytic
[Lymphoma Malignant Lymphocytic TGLS = 1-4]		
Lung		Lymphoma Malignant Lymphocytic
Note: RED NOTED IN TGL-4 IS CONGESTION DUE TO LYMPHOMA.		
[Lymphoma Malignant Lymphocytic TGLS = 4-3]		
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic
	Mediastinal	Lymphoma Malignant Lymphocytic
[Lymphoma Malignant Lymphocytic TGLS = 3-10]		
[Lymphoma Malignant Lymphocytic TGLS = 6-3]		
Thymus		Lymphoma Malignant Lymphocytic
[Lymphoma Malignant Lymphocytic TGLS = 2,5-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1826	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 635
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	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
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland	Pituitary Gland
Thymus			

INSUFFICIENT TISSUE

Larynx

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 4-10			
Heart		Hemangiosarcoma	
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Necrosis	Moderate
Note: [NECROSIS] TGLs = 7-4+13			
Note: [EOSIN FOCUS] TGLs = 6-4+13			
Note: [HEPATOCLR ADEN] TGLs = 6-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 1-3			
Note: [ALV BRON ADEN] TGLs = 2-3			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1826	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 635
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15467

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Preputial Gland	Bilateral	Carcinoma	
Note: PREPUTIAL - TGL 3 IS PREPUTIAL TUMOR NOT SKIN MASS.			
Note: [CARCINOMA] TGLs = 3,9-11+12			
Note: TGL 3 & 9 ARE THE SAME.			
Skin	Subcut Tiss	Leiomyosarcoma	
Note: SKIN - MASS ONE IS POSITIVE FOR MUSCLE.			
Note: [LEIOMYOSAR] TGLs = 8-2			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 5-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1827	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 159
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Harderian Gland	Mammary Gland	Parathyroid Gland	
AUTO PRECLUDES DIAG.			
Intestine Small - Ileum			
OBSERVATIONS			
Bone Marrow		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-4			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1-4			
Testes		Atrophy	Moderate
Thymus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1828	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 510
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Thyroid Gland	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Brain		Hemorrhage	Minimal
		Mineralization	Minimal
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1-4			
Intestine Small	Duodenum	Hemorrhage	Mild
	Jejunum	Hemorrhage	Mild
Note: SMALL INTESTINE - RBC'S IN LUMEN.			
Note: [HEMORRHAGE] TGLs = 2-6			
Note: [HEMORRHAGE] TGLs = 2-6			
Kidney	Renal Tubule	Hyperplasia	Minimal
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Carcinoma	
	Centrilobular	Necrosis	Moderate
Note: [HEMANGIOSARC] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
	Glandular	Ulcer	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1828	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 510
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15469

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [PIGMENT] TGLs = 4-8

Testes	Degeneration	Minimal
Thymus	Necrosis	Mild
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1829	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 544
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone			
Note: BONE - RECHECKED WET TISSUE & SKINNED CARCASS & FOUND			
Note: NO BONE MASSES GROSSLY.			
Bone Marrow		Hyperplasia	Marked
Brain	Olfactory Lobe	Glioma Malignant	
		Necrosis	Moderate
Note: DEGENERATION OF OLFACTORY SENSORY NEURON AXONS.			
Note: BRAIN - OLFACTORY BULB IS NECROTIC AND THERE IS			
Note: [GLIOMA MAL] TGLs = 8-1			
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 7-11			
Kidney		Nephropathy	Moderate
		Osteosarcoma	Metastatic (Uncertain Primary Site)
Note: [OSTEOSARC] TGLs = 9-5			
Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 10-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1829	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 544
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15470

ORGAN AND ACCOUNTABLE SITE STATUS

Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Suppurative, Mild
		Osteosarcoma	Metastatic (Uncertain Primary Site)
Note: [OSTEOSARC] TGLs = 5,6-3			
Lymph Node	Iliac	Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 11-12			
Preputial Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 4,3-10+13			
Note: PREPUTIAL GL. - TGL 4 IS PREPUTIAL GLAND NOT SKIN.			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Osteosarcoma	Metastatic (Uncertain Primary Site)
Note: [HEMA CELL PROL] TGLs = 2-14+4			
Thymus		Necrosis	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1830	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 235
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Nose	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Harderian Gland	Lymph Node - Mediastinal	Mammary Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Medulla	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Seminal Vesicle	Urinary Bladder		

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Heart		Mineralization	Minimal
Liver		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Note: [NECROSIS] TGLs = 1-4			
Lung		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-3			
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 4-6]			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Prostate		Inflammation	Mild
Salivary Glands		Lymphoma Malignant Lymphocytic	
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: ALTHOUGH AUTOLYSIS HINDERS EVALUATION TO SOME DEGREE,
Animal Note: THE GROSS AND MICROSCOPIC LESION DISTRIBUTION AND

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1830	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 235
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15471

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: APPEARANCE IS ADEQUATE FOR SOME DIAGNOSES.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1831	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 241
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Rectum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Harderian Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Stomach - Glandular		

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 1-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-10]			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Ulcer	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1832	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 251
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
Bone Marrow		Lymphoma Malignant Mixed	
Heart		Cardiomyopathy	Minimal
Note: APPEARS TO BE RESIDUAL EVIDENCE OF PRIOR NECROSIS.			
Note: MYOCARDIA FIBER NUCLEI ARE GROUPED TOGETHER.			
Kidney		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-5			
Liver		Lymphoma Malignant Mixed	
		Necrosis	Mild
Note: [LYMPH MAL MIXD] TGLs = 3-4			
Lung		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 7-3			
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Bronchial	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 5,6-2+3+6+7+10			
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1832	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 251
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15473

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL MIXD] TGLs = 1-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: [ULCER] TGLs = 2-8			
Thymus		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH -

Animal Note: ALTHOUGH THERE IS SOME CELL TYPE VARIABLITY THE PREDOMINENT
Animal Note: CELL TYPE IS HISTIOCYTIC.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1833	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 558
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Nose	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow	Lymphoma Malignant Mixed	
Brain	Necrosis	Minimal
Note: BRAIN - BACTERIAL COLONIES ARE PRESENT IN BRAIN LESION.		
Epididymis	Angiectasis	Minimal
	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 7-7		
Note: [ANGIECTASIS] TGLs = 18-7		
Harderian Gland	Hyperplasia	Minimal
Heart	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-4		
Kidney	Infarct	Moderate
	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 13-5		
Note: KIDNEY - BACTERIA PRESENT IN INFARCTS.		
Note: [INFARCT] TGLs = 8,9-5		
Liver	Degeneration	Fatty, Marked
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	Lymphoma Malignant Mixed	
	Necrosis	Moderate
Note: [NECROSIS] TGLs = 13,17-4+10		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1833	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 558
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15474

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEPATOCLR CARC] TGLs = 12-10
Note: [DEGEN] TGLs = 11,19,16-4
Note: LIVER - BACTERIA ARE PRESENT IN NECROTIC AREAS. LIVER
Note: AREAS OF FATTY DEGENERATION AND AREAS OF NECROSIS THAT
Note: COULD HAVE BEEN SEEN GROSSLY.
Note: SURE. THERE IS 1 CARCINOMA 1 ADENOMA AND SEVERAL LARGE
Note: LESIONS SEEM DOUBLE LISTED CAN'T TELL WHICH IS WHICH FOR
Note: [HEPATOCLR ADEN] TGLs = 11,19-4+10
Note: [LYMPH MAL MIXD] TGLs = 13-4+10

Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Mild
		Inflammation	Chronic, Focal, Mild
		Lymphoma Malignant Mixed	

Note: [HEMORRHAGE] TGLs = 2-3
Note: [ALV BRON ADEN] TGLs = 3-3
Note: LUNG - BACTERIA IN PERIBRONCHIOLAR LUNG LESIONS.

Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	

Note: [LYMPH MAL MIXD] TGLs = 1,14-2+3+6+7

Pancreas	Acinus	Atrophy	Mild
Skin	Subcut Tiss	Hemorrhage	Mild
	Subcut Tiss	Lymphoma Malignant Mixed	

Note: HEMORRHAGE.
Note: SUBCUT VESSELS ARE CONGESTED AND DILATED AS WELL AS SOME
Note: SKIN - TGL 6 ALSO HAS AREA OF NECROSIS IN LYMPHOMA AND
Note: [HEMORRHAGE] TGLs = 6-11
Note: [LYMPH MAL MIXD] TGLs = 6-12

Spleen		Lymphoma Malignant Mixed	
		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1833	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 558
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15474

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL MIXD] TGLs = 10-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 15-8			
Note: STOMACH - HYPERKERATOTIC ALSO, BUT DIDN'T DIAGNOSIS SINCE			
Note: HYPERPLASIA WAS PRESENT.			
Thymus		Necrosis	Mild
Zymbal's Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 5-12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1834	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 358
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Islets, Pancreatic	Kidney
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Testes	Urinary Bladder		

MISSING

Mammary Gland	Thymus

AUTO PRECLUDES DIAG.

Bone Marrow	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Thyroid Gland	Trachea	

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
Heart		Cardiomyopathy	Minimal
	Endothelium	Hyperplasia	Mild
Liver		Inflammation	Chronic, Mild
		Necrosis	Moderate
Note: [NECROSIS] TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic, Focal, Mild
Note: RED LOBE MAY HAVE BEEN DUE TO HYPOSTSTIC CONGESTION.			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 1-4			
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 4-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1834	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 358
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15475

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1835	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 209
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Testes
Trachea			

MISSING

Harderian Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic
Gallbladder		Lymphoma Malignant Lymphocytic
Heart		Lymphoma Malignant Lymphocytic
Kidney		Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 4-5		
Liver		Lymphoma Malignant Lymphocytic
Lung		Lymphoma Malignant Lymphocytic
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic
	Bronchial	Lymphoma Malignant Lymphocytic
	Iliac	Lymphoma Malignant Lymphocytic
	Inguinal	Lymphoma Malignant Lymphocytic
	Mandibular	Lymphoma Malignant Lymphocytic
	Mediastinal	Lymphoma Malignant Lymphocytic
	Mesenteric	Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 6-13		
Note: [LYMPH MAL LYMP] TGLs = 9-14		
[Lymphoma Malignant Lymphocytic TGLS = 5-12]		
[Lymphoma Malignant Lymphocytic TGLS = 7-10]		
[Lymphoma Malignant Lymphocytic TGLS = 10-3]		
[Lymphoma Malignant Lymphocytic TGLS = 3-11]		
[Lymphoma Malignant Lymphocytic TGLS = 1-7]		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1835	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 209
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15476

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Lymphoma Malignant Lymphocytic
Pancreas	Acinus	Lymphoma Malignant Lymphocytic
Prostate		Lymphoma Malignant Lymphocytic
Seminal Vesicle		Lymphoma Malignant Lymphocytic
Spleen		Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 2-4		
Stomach	Glandular	Lymphoma Malignant Lymphocytic
Thymus		Lymphoma Malignant Lymphocytic
[Lymphoma Malignant Lymphocytic TGLS = 8-10]		
Thyroid Gland		Lymphoma Malignant Lymphocytic
Urinary Bladder		Lymphoma Malignant Lymphocytic
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1836	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 194
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Harderian Gland	Mammary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 8-1			
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 9-3]			
[Lymphoma Malignant Lymphocytic TGLS = 4-11]			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 5-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Minimal
Note: [HYPERPLASIA] TGLs = 6-8			
Testes		Atrophy	Mild
Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1836	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 194
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15477

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinum	Necrosis	Moderate
Note: MEDIASTINAL LYMPHOMA CELLS.			
Note: TGL-2 IS NECROTIC CELL DEBRIS IN PERICARDIAL/MEDIASTINAL			
Note: AREA. PRESUMED DEAD CELL DEBRIS FROM THYMIC & HEART &			
[Lymphoma Malignant Lymphocytic TGLS = 3,7-11]			
[Necrosis TGLS = 1,2-3+10]			
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1837	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 240
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Eye	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Harderian Gland	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 5-5			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Hemorrhage	Mild
		Lymphoma Malignant Lymphocytic	
Note: [HEMORRHAGE] TGLs = 3-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1-4			
Stomach	Glandular	Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1837	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 240
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15478

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1838	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 268
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Mammary Gland	Nose
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Testes	Thyroid Gland	Trachea

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Stomach - Glandular

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Hemorrhage	Mild
		Lymphoma Malignant Lymphocytic	
Note: [HEMORRHAGE] TGLs = 9-3			
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 5-5]			
[Lymphoma Malignant Lymphocytic TGLS = 1-11]			
[Lymphoma Malignant Lymphocytic TGLS = 10-3]			
[Lymphoma Malignant Lymphocytic TGLS = 4-13]			
[Lymphoma Malignant Lymphocytic TGLS = 3-12]			
[Lymphoma Malignant Lymphocytic TGLS = 7-10]			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1838	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 268
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15479

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Lymphoma Malignant Lymphocytic
Spleen	Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 2-4	
Thymus	Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 6,8-10	
Urinary Bladder	Lymphoma Malignant Lymphocytic
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1839	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 539
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Duodenum	Lymph Node - Bronchial	Mammary Gland	Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 5-9+10			
Heart		Hemangiosarcoma	
Kidney		Nephropathy	Minimal
Larynx		Metaplasia	Squamous, Mild
Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 7-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: [ALV BRON CARC] TGLs = 3,4-3			
Lymph Node	Axillary	Hematopoietic Cell Proliferation	Moderate
	Mesenteric	Lymphoma Malignant Mixed	

Note: LYMPH NODE - TGL 9 INVOLVES A LYMPH NODE BY PANCREAS
Note: [LYMPH MAL MIXD] TGLs = 2,8,9-12+14
Note: NOT PANCREAS ITSELF. WILL CALL MESENTERIC SINCE
Note: [HEMA CELL PROL] TGLs = 10-11

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1839	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 539
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15480

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TO "THIN" BLOOD (TGL 8).		
Note: MESENTERIC LYMPH NODE; =LYMPHOMA IS PROBABLY RELATED		
Note: ON SLIDE 14.		
Note: INVOLVES SIMILAR PROCESS AS MESENTERIC LYMPH NODE		
Pancreas		
Note: IT APPEARS TO BE A FLOATER.		
Note: REPRESENT PREPUTIAL CARCINOMA THAT IS METASTATIC BUT		
Note: PANCREAS - SLIDE 4 HAS TISSUE BY PANCREAS THAT MAY		
Preputial Gland	Carcinoma	
Note: [CARCINOMA] TGLs = 1-13		
Spleen	Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 6-4		
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1840	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 440
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1-9			
Heart		Hemangiosarcoma	
		Mineralization	Minimal
	Atrium	Thrombosis	Moderate
	Ventricle	Thrombosis	Minimal
Note: [THROMBUS] TGLs = 2-4			
Intestine Large	Cecum	Lymphoma Malignant Lymphocytic	
Intestine Small	Ileum	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 9-6			
Kidney	Renal Tubule	Adenoma	
		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
Note: [ADENOMA] TGLs = 7-5			
Liver	Centrilobular	Degeneration	Fatty, Moderate
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Lymphocytic	
Note: [HEPATOCLR ADEN] TGLs = 4-4			
Note: [DEGEN] TGLs = 5-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1840	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 440
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15481

ORGAN AND ACCOUNTABLE SITE STATUS

Lung		Hemorrhage	Minimal
		Inflammation	Suppurative, Minimal
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 8-12			
Note: [LYMPH MAL LYMP] TGLs = 6-11			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-4+10			
Stomach	Glandular	Lymphoma Malignant Lymphocytic	
	Forestomach	Squamous Cell Papilloma	
Note: THE SECTION IS NICE AND SQUARELY CUT SO PAPILLOMA IS ALL			
Note: THIS PAPILLOMA HAS BEEN CUT THROUGH ON THE BLOCK. CALLED			
Note: PAPILLOMA SINCE IT IS COMPATIBLE WITH LUMENAL			
Note: CHARACTERISTICS OF OTHER PAPILLOMAS WHERE THE BASE WASN'T			
Note: THAT COULD GIVE SUCH AN APPEARANCE.			
Note: PRESENT AND RECUTS ESTABLISHED THAT THERE WAS A STALK.			
Note: [SQ CL PAPILLOM] TGLs = 10-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1841	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 414
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Eye	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Thyroid Gland	Trachea	

MISSING

Lymph Node - Bronchial

INSUFFICIENT TISSUE

Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-9			
Brain		Lymphoma Malignant Lymphocytic	
Harderian Gland		Hyperplasia	Mild
Heart	Endothelium	Hyperplasia	Mild
		Mineralization	Mild
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Lymphoma Malignant Lymphocytic	
Note: [HEPATOCLR ADEN] TGLs = 2-11			
Note: [LYMPH MAL LYMP] TGLs = 1-4+11			
Lung	Alveolar Epith	Hyperplasia	Marked
		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1841	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 414
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15482

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 6-5+12			
Note: [LYMPH MAL LYMP] TGLs = 5-2			
Note: [LYMPH MAL LYMP] TGLs = 8-6			
Note: [LYMPH MAL LYMP] TGLs = 7-7			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
	Forestomach	Squamous Cell Papilloma	
Note: [SQ CL PAPILLOM] TGLs = 9-8			
Testes		Atrophy	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1842	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 483
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Urinary Bladder			

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Jejunum

OBSERVATIONS

Brain		Hemorrhage	Minimal
Note: [HEMORRHAGE] TGLs = 3-1			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 2-4			
Kidney		Hemangiosarcoma	Metastatic (Heart)
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
Note: [HEMANGIOSARC] TGLs = 7-10+4			
Note: HEPATOCLR NEOPLASM TGLS 5,6-4+10			
Lung		Hemangiosarcoma	Metastatic (Heart)
	Alveolar Epith	Hyperplasia	Marked
Note: [HEMANGIOSARC] TGLs = 1-3			
Lymph Node	Bronchial	Hemangiosarcoma	Metastatic (Heart)
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 4-11			
Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1842	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 483
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15483

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Necrosis	Mild
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1843	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 178
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Larynx
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
Stomach - Glandular			

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Note: [LYMPH MAL LYMP] TGLs = 5-3+4+11			
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
		Thrombosis	Moderate
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: SLIED 10 HAS A ROUNDED OUTLINE OF WHAT MAY HAVE BEEN			
Note: MEDIASTINAL LYMPHNODE.			
Nose	Olfactory Epi	Atrophy	Marked
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2,4-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Testes		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1843	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 178
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15484

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Lymphoma Malignant Lymphocytic
[Lymphoma Malignant Lymphocytic TGLS = 1,3-10]	
Thyroid Gland	Lymphoma Malignant Lymphocytic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1844	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 250
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Salivary Glands	Seminal Vesicle	Skin	Testes
Thyroid Gland	Trachea		

MISSING

Harderian Gland	Parathyroid Gland	Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Epididymis		Lymphoma Malignant Lymphocytic	
Gallbladder		Lymphoma Malignant Lymphocytic	
Heart		Cardiomyopathy	Minimal
		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Kidney		Hemorrhage	Mild
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 5-5			
Note: [HEMORRHAGE] TGLs = 6-5			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 11-3]			
[Lymphoma Malignant Lymphocytic TGLS = 1-7]			
[Lymphoma Malignant Lymphocytic TGLS = 7-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1844	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 250
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15485

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Lymphocytic TGLS = 9-12]			
[Lymphoma Malignant Lymphocytic TGLS = 3-11]			
Nose		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular	Lymphoma Malignant Lymphocytic	
Note: [HYPERPLASIA] TGLs = 10-8			
Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 4,8-10]			
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1845	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 502
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus	Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 5-9+10			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 4-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 6-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Mediastinum	Hemangiosarcoma	Metastatic (Heart)
Note: LUNG - TGL 2 MAY BE DUE TO CONGESTION BUT NOT DIAGNOSED			
Note: IN AN EARLY DEATH ON A CHRONIC STUDY.			
Note: [ALV BRON CARC] TGLs = 3-3			
Note: [HEMANGIOSARC] TGLs = 7-2			
Lymph Node			
Note: LYMPH NODE - TGL 7 IS IN MEDIASTINAL TISSUES NOT LYMPH NODE.			
Nose		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1845	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 502
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15486

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 1-11			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 8-8			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1846	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 356
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Kidney	Larynx	Liver
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Small - Duodenum		
INSUFFICIENT TISSUE			
Islets, Pancreatic			
OBSERVATIONS			
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 2-4			
Lung		Hemangiosarcoma	Metastatic (Heart)
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 1-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1847	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 441
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Trachea			

MISSING

Lymph Node - Mediastinal	Mammary Gland	Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-9			
Note: [ATROPHY] TGLs = 2-9			
Heart	Endothelium	Hyperplasia	Mild
		Mineralization	Minimal
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Note: [NECROSIS] TGLs = 6-4			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: SL. 14 ISN'T AXILLARY LN SINCE URETERS ARE PRESENT, MORE			
Note: [LYMPH MAL LYMP] TGLs = 3-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1847	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 441
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15488

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL LYMP] TGLs = 5-11			
Note: LIKE RENAL OR LUMBAR LYMPHNODE.			
Note: RECHECKED WET TISSUE AND DID NOT FIND MEDIASTINAL NODE			
Note: [LYMPH MAL LYMP] TGLs = 1-12			
Note: [LYMPH MAL LYMP] TGLs = 7-13			
Note: OR THYMUS.			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 9-8			
Thyroid Gland		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1848	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 562
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 4-11			
Heart		Hemangiosarcoma	
Kidney	Renal Tubule	Hyperplasia	Minimal
		Lymphoma Malignant Lymphocytic	
Liver		Hepatocellular Adenoma	
	Biliar Tract	Hypertrophy	Mild
		Lymphoma Malignant Lymphocytic	
Note: [HEPATOCLR ADEN] TGLs = 5-4			
Note: LIVER - PORTRAL TRIAD BILE EPITHELIAL CELLS FILLED WITH			
Note: EOSINOPHILIC GLOBULES. LUMINA HAVE RED RECTANGULAR			
Note: CRYSTALS.			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Lymphoma Malignant Lymphocytic	
Note: [ALV BRON CARC] TGLs = 1,2,3-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 6-6			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1848	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 562
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15489

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL LYMP] TGLs = 7-2			
Note: [LYMPH MAL LYMP] TGLs = 8-3			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1849	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 223
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Mineralization	Minimal
Kidney		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1-12			
Note: [LYMPH MAL LYMP] TGLs = 5-13			
[Lymphoma Malignant Lymphocytic TGLS = 6-14]			
[Lymphoma Malignant Lymphocytic TGLS = 9-3]			
[Lymphoma Malignant Lymphocytic TGLS = 3-6]			
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spinal Cord		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 7,8-10+11			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1849	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 223
	DOSE: 625 PPM SE 26	**DISP:** Moribund	**HISTO:** 15490

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 10-8		
Thymus		Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 4-2		
Urinary Bladder		Lymphoma Malignant Lymphocytic
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1850	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 255
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Harderian Gland	Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Note: [LYMPH MAL LYMP] TGLs = 8-4			
Kidney		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-5			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: RED TGL-7 PROBABLY CONGESTION DUE IN SOME WAY TO LYMPHOMA			
Note: [LYMPH MAL LYMP] TGLs = 7-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 6-3]			
[Lymphoma Malignant Lymphocytic TGLS = 2-11]			
[Lymphoma Malignant Lymphocytic TGLS = 5-10]			
Nose		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1850	**TRT#:** 16	**SEX:** Male	**DAY ON TEST:** 255
	DOSE: 625 PPM SE 26	**DISP:** Dead	**HISTO:** 15491

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Lymphoma Malignant Lymphocytic
Prostate	Lymphoma Malignant Lymphocytic
Seminal Vesicle	Lymphoma Malignant Lymphocytic
Spleen	Lymphoma Malignant Lymphocytic
Note: [LYMPH MAL LYMP] TGLs = 1-4	
Thymus	Lymphoma Malignant Lymphocytic
[Lymphoma Malignant Lymphocytic TGLS = 4-10]	
Urinary Bladder	Lymphoma Malignant Lymphocytic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mediastinal	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		

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Kidney		Nephropathy	Minimal
Liver	Biliar Tract	Cyst	
		Hepatocellular Adenoma	
Note: LIVER - RECUT ON SLIDE 10 SHOWED NO LESIONS TO			
Note: [CYST] TGLs = 3-11			
Note: CORRELATE WITH TGL 1.			
Note: [HEPATOCLR ADEN] TGLs = 2-4			
Lung	Alveolar Epith	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 5-3			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Moderate
Note: [ANGIECTASIS] TGLs = 6-12			
Note: [HYPERPLASIA] TGLs = 4-8+12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Mesentery	Fat	Angiectasis	Mild
	Fat	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 1-10			
Spleen		Hematopoietic Cell Proliferation	Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-12			
Liver		Hemangiosarcoma	
Note: LIVER - TGL 3 IS NOT PANCREAS BUT LIVER TISSUE NEXT			
Note: [HEMANGIOSARC] TGLs = 2,3-10+11			
Note: TO PANCREAS.			
Lung	Mediastinum	Hyperplasia	Lymphoid, Mild
Lymph Node	Bronchial	Hyperplasia	Moderate
	Mediastinal	Hyperplasia	Moderate
	Mesenteric	Hyperplasia	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Tooth		Inflammation	Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
Ovary		Angiectasis	Mild
		Thecoma Benign	
Note: [THECOMA BGN] TGLs = 2-7			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Ovary

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 2-10			
Lung	Alveolar Epith	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 1-3			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Salivary Glands		Inflammation	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular

INSUFFICIENT TISSUE

Lymph Node - Mediastinal

OBSERVATIONS

Brain	Mineralization	Minimal
Harderian Gland	Adenoma	
Kidney	Nephropathy	Minimal
Liver	Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-10+11		
Ovary	Angiectasis	Mild
Spleen	Hematopoietic Cell Proliferation	Mild
Thymus	Hyperplasia	Lymphoid, Mild
Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 708
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland			

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Eye		Degeneration	Marked
Note: [DEGEN] TGLs = 2-11			
Harderian Gland		Inflammation	Chronic, Minimal
Kidney		Infiltration Cellular	Lymphocyte, Moderate
		Inflammation	Suppurative, Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
Lung		Hyperplasia	Lymphoid, Marked
Lymph Node	Mandibular	Hyperplasia	Moderate
	Mediastinal	Hyperplasia	Marked
	Iliac	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 7-5			
Note: [LYMPH MAL MIXD] TGLs = 9-6			
Note: [LYMPH MAL MIXD] TGLs = 8-13			
Mesentery	Fat	Angiectasis	Minimal
	Fat	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 4-12			
Ovary		Cyst	
Note: [CYST] TGLs = 6-7			
Skin		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 708
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14589

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [INFLAMMATION] TGLs = 1-10		
Spleen	Hematopoietic Cell Proliferation	Moderate
	Lymphoma Malignant Mixed	
Thymus	Hyperplasia	Lymphoid, Marked
Trachea	Inflammation	Suppurative, Minimal
Urinary Bladder	Inflammation	Mild
Uterus	Hemangioma	
	Hyperplasia	Cystic, Moderate
Note: [HEMANGIOMA] TGLs = 5-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
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			

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Harderian Gland

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Esophagus	Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Hyperplasia	Mild
Ovary		Adenoma	
		Atrophy	Mild
Note: OVARY - ADENOMA IS PAPILLARY & CYSTIC & FILLED WITH			
Note: [ADENOMA] TGLs = 1-7+10			
Note: BLOOD & GHOST CELLS.			
Salivary Glands		Inflammation	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Brain	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Mammary Gland	Nose	Ovary	Pancreas
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
		Hyperplasia	Mild
Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
Note: LIVER - TGL 3 IS LYMPH NODE NOT LIVER ON SLIDE 13.			
Note: [HEPATOCLR ADEN] TGLs = 2-4+10			
Note: RECHECKED WET TISSUE AND FOUND NO UNCUT LIVER MASS.			
Lymph Node	Mandibular	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 3,5-13+14			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skeletal Muscle		Hemangiosarcoma	Metastatic (Spleen)
Note: [HEMANGIOSARC] TGLs = 4-11			
Note: SKELETAL MUSCLE - TGL 4 IS IN MUSCLE NOT SQ TISSUE.			
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 1-12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14592

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMANGIOSARC] TGLs = 1-12

Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Ulcer	Minimal
Thymus		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

OBSERVATIONS

Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 1-10			
Lymph Node	Mandibular	Hyperplasia	Mild
Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Note: OLFACTORY EPITHELIUM ATROPHY UNILATERAL, 2ND NASAL SECTION.			
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Harderian Gland	Adenoma	
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Liver		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 3-4			
Nose		Inflammation	Suppurative, Minimal
Ovary		Cyst	Minimal
Pancreas	Acinus	Atrophy	Marked
	Duct	Cyst	Moderate
Note: MESENTERY FAT.			
Note: [CYST] TGLs = 2-11			
Note: PANCREAS - TGL 2 IS IN PANCREATIC DUCT NOT REALLY			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
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			

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone	Proliferation Connective Tissue	Mild
Note: WOULD ATTACH.		
Note: THERE IS A CARTILAGE/FIBROCARTILAGENOUS PROLIFERATION AT THE		
Note: LATERAL ASPECT OF A POSTERIOR STERNEBRA NEAR WHERE A RIB		
[Proliferation Connective Tissue TGLS = 2-9]		
Uterus	Hyperplasia	Cystic, Minimal
	Polyp Stromal	
[Polyp Stromal TGLS = 1-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Urinary Bladder

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Liver		Inflammation	Granulomatous, Focal, Mild
Lung	Alveolar Epith	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 2-3			
Lymph Node	Bronchial	Hyperplasia	Mild
	Mandibular	Hyperplasia	Minimal
	Mesenteric	Hyperplasia	Minimal
Mammary Gland		Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Spleen		Hyperplasia	Lymphoid, Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal
Note: [HYPERPLASIA] TGLs = 3-8			
Thymus		Hyperplasia	Lymphoid, Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Lymph Node	Bronchial	Hyperplasia	Mild
Ovary	Germinal Epith	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Subcut Tiss	Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1-10			
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
Note: [HEMANGIOSARC] TGLs = 2-11			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lung	Lymph Node - Mediastinal	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			

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

OBSERVATIONS

Bone	Fibrous Osteodystrophy	Minimal
Brain	Mineralization	Minimal
Gallbladder	Inflammation	Minimal
Spleen	Hematopoietic Cell Proliferation	Minimal
Uterus	Angiectasis	Minimal
	Cyst	
	Hyperplasia	Cystic, Moderate

Note: [CYST] TGLs = 1-8+10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 2-10			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 3-4			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mediastinal
Nose	Ovary	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Urinary Bladder			

MISSING

Clitoral Gland	Lymph Node - Mandibular	Parathyroid Gland	Thymus

OBSERVATIONS

Brain		Compression	Moderate
Note: [COMPRESSION] TGLs = 5-1			
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 3-10			
Mammary Gland		Galactocele	Minimal
Pancreas	Acinus	Focal Cellular Change	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 2-8			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Urinary Bladder		

MISSING

Harderian Gland	Parathyroid Gland	Thyroid Gland	Trachea

OBSERVATIONS

Pancreas	Acinus	Infarct	Mild
Note: TGL 1 IS PANCREAS, NOT SPLEEN. POSSIBLY THE RESULT OF OLD			
Note: CHRONIC INFLAMMATION AND FIBROSIS AROUND THE PERIPHERY.			
Note: INFARCT RESULTING IN NECROTIC CENTER, HEMORRHAGE AND			
[Infarct TGLS = 1-10]			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Lymph Node	Mesenteric	Hyperplasia	Mild
Pancreas	Acinus	Atrophy	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Mild

Note: [INFLAMMATION] TGLs = 1-10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Liver		Basophilic Focus	
		Hepatocellular Adenoma	
Note: HEPATOCLR LESION TGLS 3,4-10+11			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 2-3			
Mesentery	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 1-12			
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	
OBSERVATIONS			
Ovary		Angiectasis	Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-9			
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 2-4			
Lung		Hemorrhage	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolus	Pigmentation	Hemosiderin, Mild
Note: [HEMORRHAGE] TGLs = 3-3			
Lymph Node	Mandibular	Hyperplasia	Moderate
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Moderate
		Granulosa Cell Tumor Benign	
Note: [GRANLSA TM BGN] TGLs = 4-7			
Pancreas	Acinus	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Larynx	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Parathyroid Gland	Thymus

OBSERVATIONS

Gallbladder		Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Hydronephrosis	Mild
Note: [HYDRONEPHROSIS] TGLs = 7-5			
Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
		Necrosis	Minimal
Note: [HEPATOCLR CARC] TGLs = 3-12			
Lung	Mediastinum	Sarcoma	Metastatic (Skin)
Lymph Node	Mediastinal	Hyperplasia	Mild
Mesentery	Fat	Sarcoma	Metastatic (Skin)
Note: [SARCOMA] TGLs = 5,8-4+6+7+8+13+14			
Ovary		Cyst	
Note: [CYST] TGLs = 4-7			
Pancreas		Sarcoma	Metastatic (Skin)
Note: [SARCOMA] TGLs = 1-13			
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Inflammation	Minimal
Skin	Subcut Tiss	Sarcoma	
Note: [SARCOMA] TGLs = 2-10+11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14607

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SURFACES.			
Note: ANIMALS. SARCOMA IS IN MESENTERY ALSO, AND ON SEROSAL			
Note: SKIN - SARCOMA, NOS IS SIMILAR TO THOSE SEEN IN TREATED			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 6-4			
Stomach			
Note: STOMACH - TGL 8 IS IN MESENTERIC FAT NEXT TO FORESTOMACH.			
Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Marked
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lung	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 2-4			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Leiomyoma	
Thyroid Gland		Cyst	Marked
	Follicular Cel	Hyperplasia	Minimal
Note: [CYST] TGLs = 4-2			
Uterus		Hyperplasia	Cystic, Marked
Note: [HYPERPLASIA] TGLs = 3-8+11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

MISSING

Esophagus	Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone		Fibrous Osteodystrophy	Minimal
Lymph Node	Mesenteric	Hyperplasia	Minimal
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	

Note: [POLYP STROMAL] TGLs = 1-10+11

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 714
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Mammary Gland
Pancreas	Salivary Glands	Skin	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Mediastinal	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Jejunum

OBSERVATIONS

Brain		Mineralization	Minimal
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 4-4			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 5-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Congestion	Mild
Note: [ANGIECTASIS] TGLs = 9-6			
Note: [CONGESTION] TGLs = 8-7			
Nose		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 7-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 1-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 714
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14610

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [PIGMENT] TGLs = 2-8
Note: [HYPERPLASIA] TGLs = 10-8

Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 551
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Ovary	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
Bone Marrow		Hyperplasia	Moderate
Note: BONE MARROW- GRANULOCYTIC			
Kidney		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
Lung	Fat, Mediastinum	Inflammation	Chronic, Mild
	Fat, Mediastinum	Necrosis	Marked
Note: NECROSIS TGLs = 3-10			
Lymph Node	Bronchial	Hematopoietic Cell Proliferation	Moderate
	Mandibular	Hematopoietic Cell Proliferation	Mild
	Mediastinal	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 5-2			
Note: HEMA CELL PROL TGLs = 2-3			
Mesentery	Fat	Inflammation	Chronic, Mild
	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 1-6+11+7			
Pancreas	Acinus	Focal Cellular Change	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 551
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14611

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Dilatation	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node - Mandibular
Lymph Node - Mediastinal	Mammary Gland	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea		

MISSING

Esophagus

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Kidney		Hydronephrosis	Mild
Note: [HYDRONEPHROSIS] TGLs = 2-5			
Liver		Clear Cell Focus	
Lymph Node	Bronchial	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-6			
Nose		Inflammation	Suppurative, Minimal
Ovary		Cyst	
	Granulosa Cell	Hyperplasia	Mild
Note: [CYST] TGLs = 1-7			
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Hyperplasia	Lymphoid, Mild
Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Moderate
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14612

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Kidney	Larynx	Liver	Lung
Lymph Node - Mediastinal	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Esophagus	Lymph Node - Mandibular

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Marked
Lymph Node	Mesenteric	Angiectasis	Mild
	Bronchial	Hyperplasia	Minimal
Note: MEDIASTINAL LYMPH NODE.			
Note: [ANGIECTASIS] TGLs = 2-6			
Note: LYMPH NODE - TGL 1 MAY HAVE REFERED TO BRONCHIAL NOT			
Nose		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 560
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	
AUTO PRECLUDES DIAG.			
Gallbladder	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	Pancreas
Spleen	Stomach - Glandular	Urinary Bladder	

OBSERVATIONS		
Harderian Gland	Hyperplasia	Minimal
Lung		
Note: SPONTANEOUS DEATH IN A CHRONIC STUDY.		
Note: LUNG- CONGESTION NOT CONSIDERED IMPORTANT IN A		
Skin		
Note: IS RESIDUAL LESION THEN LACK OF COLOR CHANGE INDICATES		
Note: SKIN- NO HISTOLOGIC LESION CHECKED WET TISSUE & RESIDUAL		
Note: SKIN BY EAR SHOWS NO SIGNIFICANT CHANGE. IF RAGGED EDGE		
Note: A POST MORTUM WOUND POSSIBLY DONE BY CHEWING BY NEIGHBOR.		
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Esophagus	Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mandibular	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Angiectasis	Mild
		Dilatation	Mild
		Hyperplasia	Cystic, Minimal
	Arteriole	Hypertrophy	Mild
Note: [ANGIECTASIS] TGLs = 2-10			
Note: [DILATATION] TGLs = 3-8+11			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Urinary Bladder	
MISSING			
Lymph Node - Bronchial	Lymph Node - Mediastinal		
OBSERVATIONS			
Nose		Inflammation	Suppurative, Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 3-12			
Kidney		Lymphoma Malignant Mixed	
Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
Note: [HEPATOCLR ADEN] TGLs = 1-11			
Lymph Node	Mediastinal	Hematopoietic Cell Proliferation	Minimal
	Mediastinal	Hyperplasia	Minimal
	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 2-10			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Urinary Bladder			

MISSING

Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Lymph Node	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Mesentery	Fat	Hemorrhage	Mild
	Fat	Necrosis	Mild
Note: [HEMORRHAGE] TGLs = 2-10			
Note: MESENTERY - TGL 2 IS IN FAT NOT LYMPH NODE.			
Ovary		Cyst	
Spleen		Hyperplasia	Lymphoid, Marked
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Thymus		Hyperplasia	Lymphoid, Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Marked
Note: [HYPERPLASIA] TGLs = 1-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Bronchial	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		

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Kidney	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Mammary Gland	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
Ovary		Cyst	
Note: OVARY - CYST IS OF THE EMBRYONIC TYPE = COLUMNAR			
Note: EPITH. WITH SOME GOBLET CELLS.			
Note: [CYST] TGLs = 1-7			
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR LESION TGLS 1,2,3,4-4+10+11+12			
Lung	Alveolar Epith	Hyperplasia	Minimal
Nose		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Lymph Node - Mandibular	Lymph Node - Mediastinal		
OBSERVATIONS			
Ovary		Cyst	
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
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

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Liver	Degeneration	Fatty, Minimal
	Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-4		
Spleen	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4		
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Urinary Bladder

MISSING

Esophagus

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Lymph Node	Bronchial	Hyperplasia	Mild
	Mandibular	Hyperplasia	Mild
	Mediastinal	Hyperplasia	Mild
Mesentery	Fat	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 2-10			
Nose		Inflammation	Suppurative, Minimal
Ovary		Hemangioma	
Note: [HEMANGIOMA] TGLs = 1-7			
Spleen		Hematopoietic Cell Proliferation	Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Lymph Node	Bronchial	Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 1-12			
Nose		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Minimal
		Cyst	
Note: [CYST] TGLs = 2-7			
Spleen		Hematopoietic Cell Proliferation	Minimal
Uterus		Hyperplasia	Cystic, Moderate
Note: [HYPERPLASIA] TGLs = 3-8+11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	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

Liver	Degeneration	Fatty, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	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			

MISSING

Harderian Gland

OBSERVATIONS

Brain	Mineralization	Minimal
Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Esophagus	Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Kidney		Metaplasia	Osseous, Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
Note: HEPATOCLR LESION TGLS 2,5-11+12			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 4-3			
Mesentery	Fat	Angiectasis	Mild
	Fat	Necrosis	Minimal
Note: [ANGIECTASIS] TGLs = 1-10			
Nose		Inflammation	Suppurative, Minimal
Ovary		Cyst	
Note: [CYST] TGLs = 3-7			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Inflammation	Minimal
Tooth		Inflammation	Minimal
Uterus		Hyperplasia	Cystic, Moderate
Note: [HYPERPLASIA] TGLs = 6-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14628

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Urinary Bladder

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-10			
Ovary		Atrophy	Minimal
		Cyst	
Note: [CYST] TGLs = 2-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
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
MISSING			
Harderian Gland	Lymph Node - Mediastinal		
INSUFFICIENT TISSUE			
Lymph Node - Mandibular			
OBSERVATIONS			
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Histiocytic Sarcoma	
	Medulla	Histiocytic Sarcoma	
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-4+10			
Lung		Histiocytic Sarcoma	
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-7			
Note: [HISTIO SARC] TGLs = 6-11			
Note: [HISTIO SARC] TGLs = 3-3			
Note: [HISTIO SARC] TGLs = 2-2			
Ovary		Histiocytic Sarcoma	
Pancreas	Acinus	Focal Cellular Change	Minimal
	Acinus	Histiocytic Sarcoma	
Pituitary Gland		Histiocytic Sarcoma	
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-4			
Stomach	Glandular	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7-8			
Thymus		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14631

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Focal, Minimal
Note: AND THE INFLAMMATORY LESION WAS SEPARATED FROM THE			
Note: LUNG - EITHER LUNG LESION WAS POSSIBLY VISIBLE GROSSLY			
Note: [INFLAMMATION] TGLs = 2-3			
Note: APICAL LOBE AND SPECIALLY EMBEDDED.			
Lymph Node	Mesenteric	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 623
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Harderian Gland	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Thyroid Gland	Trachea

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Thymus

OBSERVATIONS

Brain		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Larynx		Inflammation	Suppurative, Minimal
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 6-13			
Note: [LYMPH MAL LYMP] TGLs = 1-10			
Mesentery	Fat	Lymphoma Malignant Lymphocytic	
	Fat	Necrosis	Mild
Note: [LYMPH MAL LYMP] TGLs = 2,4,5-11+12			
Nose		Inflammation	Suppurative, Minimal
Ovary		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Skin			
Note: SKIN - TGL 1 IS LYMPH NODE NOT SKIN MASS			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 623
	DOSE: CONTROL	**DISP:** Dead	**HISTO:** 14633

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: [PIGMENT] TGLs = 9-8			
Note: [LYMPH MAL LYMP] TGLs = 8-8			
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 7-7			
Uterus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Mammary Gland	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Lymphoma Malignant Mixed	
Lymph Node	Mesenteric	Hyperplasia	Histiocytic, Marked
	Mandibular	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-7			
Note: LYMPH NODE THAN RENAL. AT LEAST PANCREAS IS NEXT TO IT.			
Note: LYMPH NODE - TGL 5 APPEARS CLOSER TO A PANCREATIC			
Note: [LYMPH MAL MIXD] TGLs = 5-11			
Nose		Inflammation	Suppurative, Minimal
Ovary		Cyst	
	Germinal Epith	Hyperplasia	Minimal
Note: OVARY - THE SMALL CYST (TGL 2) IS FILLED WITH RBC'S.			
Note: [CYST] TGLs = 2,3-7			
Pancreas	Acinus	Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 1-4+10			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14634

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		
MISSING			
Esophagus	Lymph Node - Mediastinal		
OBSERVATIONS			
Bone		Fibrous Osteodystrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Mild
Note: [HEMORRHAGE] TGLs = 2-3			
Lymph Node	Bronchial	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Minimal
Ovary		Adenoma	
Note: LOCATED.			
Note: APPEAR LUTEINIZED. NUCLEI OF EPITHELIUM ARE APICALLY			
Note: [ADENOMA] TGLs = 1-10			
Note: OVARY - TUMOR IS PAPILLARY AND MAINLY CYSTIC.			
Note: EPITHELIUM IS TALL AND COLUMNAR. SOME STROMAL CELLS			
Spleen		Hyperplasia	Histiocytic, Marked
Note: [HYPERPLASIA] TGLs = 4-4			
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Moderate
Note: [HYPERPLASIA] TGLs = 3,5-8+11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14637

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Adenoma	
Bone		Developmental Malformation	
		Fibrous Osteodystrophy	Minimal
Note: [DEVELOP MALFOR] TGLs = 1-9			
Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 3-10			
Note: [CLEAR CL FOCUS] TGLs = 4-11			
Lymph Node	Bronchial	Hyperplasia	Mild
	Mediastinal	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Ovary		Cyst	
Note: OVARY - CYST IS TINY AND BLOOD FILLED.			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal	Parathyroid Gland

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Lymph Node - Mediastinal	Parathyroid Gland		
INSUFFICIENT TISSUE			
Harderian Gland			
OBSERVATIONS			
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Heart		Cardiomyopathy	Minimal
Ovary		Cyst	
Note: [CYST] TGLs = 1-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Ovary	Cyst	
Note: CYST TGLs = 1-7		
Uterus	Hyperplasia	Cystic, Mild
	Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-10		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 644
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Parathyroid Gland	Thymus

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Esophagus		Acanthosis	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone	Fibrous Osteodystrophy	Mild
Lung	Hemorrhage	Minimal
	Inflammation	Chronic, Focal, Minimal
Note: [HEMORRHAGE] TGLs = 1-3		
Tooth	Inflammation	Minimal
Uterus	Hyperplasia	Cystic, Moderate
Note: [HYPERPLASIA] TGLs = 2-8+10		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 401
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland

OBSERVATIONS

Nose	Olfactory Epi	Atrophy	Marked
		Inflammation	Suppurative, Marked
Note: LESIONS ARE RELATED TO THE TOOTH PROBLEM WHICH IS A			
Note: MALFORMATION OR FRACTURE (OLD).			
Pancreas	Acinus	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-4			
Tooth		Developmental Malformation	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Mediastinal	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			

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

OBSERVATIONS

Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: CONTROL	**DISP:** Interval Sacrifice	**HISTO:** 14647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	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		

MISSING

Harderian Gland

OBSERVATIONS

Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 14648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-10			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 2-4			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Moderate
Note: [HYPERPLASIA] TGLs = 3-8+11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 708
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Mammary Gland	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Urinary Bladder			

MISSING

Intestine Small - Duodenum

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Kidney		Nephropathy	Minimal
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 2,4-2			
Note: [LYMPH MAL MIXD] TGLs = 1-10			
Note: [LYMPH MAL MIXD] TGLs = 3-3			
Note: [LYMPH MAL MIXD] TGLs = 8-13			
Mesentery	Fat	Lymphoma Malignant Mixed	
	Fat	Necrosis	Mild
Note: [LYMPH MAL MIXD] TGLs = 7-12			
Nose		Inflammation	Suppurative, Minimal
Ovary		Cyst	
		Lymphoma Malignant Mixed	
Note: [CYST] TGLs = 5-7			
Note: [LYMPH MAL MIXD] TGLs = 6-7+11			
Pancreas	Acinus	Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 708
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14649

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL MIXD] TGLs = 10-4+6		
Spleen	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 9-4		
Thymus	Lymphoma Malignant Mixed	
Thyroid Gland	Inflammation	Minimal
Trachea	Inflammation	Suppurative, Minimal
Uterus	Hyperplasia	Cystic, Moderate
Note: [HYPERPLASIA] TGLs = 11-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 485
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Gallbladder
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Esophagus	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Histiocytic Sarcoma
Bone Marrow		Histiocytic Sarcoma
Heart		Histiocytic Sarcoma
Kidney		Histiocytic Sarcoma
Liver		Histiocytic Sarcoma
Note: [HISTIO SARC] TGLs = 2-4		
Lung		Histiocytic Sarcoma
Lymph Node	Bronchial	Histiocytic Sarcoma
	Mandibular	Histiocytic Sarcoma
	Mediastinal	Histiocytic Sarcoma
	Mesenteric	Histiocytic Sarcoma
Note: [HISTIO SARC] TGLs = 4-10		
Ovary		Histiocytic Sarcoma
Note: [HISTIO SARC] TGLs = 3,5-7		
Pancreas	Acinus	Histiocytic Sarcoma
Spleen		Histiocytic Sarcoma
Note: [HISTIO SARC] TGLs = 1-4		
Thymus		Histiocytic Sarcoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Blood Vessel		Inflammation	Moderate
Brain		Mineralization	Minimal
Eye		Degeneration	Marked
Note: PHTHISIS BULBI			
Note: EYE - SEVERE CHRONIC INFLAMMATION & DEGENERATION =			
Note: [DEGEN] TGLs = 4-10			
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-11			
Heart	Perivascular	Inflammation	Mild
Lung		Inflammation	Chronic, Focal, Mild
Note: LUNG - CHRONIC ACTIVE INFLAMMATION WITH VASCULITIS			
Note: [INFLAMMATION] TGLs = 2-3			
Lymph Node	Mandibular	Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Marked
	Duct	Cyst	Marked
	Acinus	Inflammation	Chronic, Marked
Note: [CYST] TGLs = 5-4			
Spleen		Hematopoietic Cell Proliferation	Minimal
Note: [HEMA CELL PROL] TGLs = 1-4			
Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: CONTROL	**DISP:** Moribund	**HISTO:** 14651

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL	
Lung	Ovary
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland		Cyst	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Urinary Bladder		

MISSING

Esophagus	Lymph Node - Mediastinal	Parathyroid Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 2-3			
Lymph Node	Mesenteric	Hyperplasia	Minimal
Nose		Inflammation	Suppurative, Minimal
Ovary		Cyst	
Note: [CYST] TGLs = 4-7			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland	Follicular Cel	Carcinoma	
Note: [CARCINOMA] TGLs = 5-2			
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Marked
Note: [HYPERPLASIA] TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 572
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hemangioma	
Harderian Gland		Hyperplasia	Mild
Ovary		Cyst	
Note: CYST TGLs = 3-7			
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1,2-10			
Spleen		Hemangioma	
		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 4-4			
Note: METASTATIC (MALIGNANT) LESIONS.			
Note: SPLEEN - SPLEEN AND BONE MARROW LESIONS DON'T LOOK LIKE			
Thymus		Necrosis	Mild
Tooth		Inflammation	Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15326

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Urinary Bladder		

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Hyperplasia	Minimal
Brain		Mineralization	Minimal
Liver		Eosinophilic Focus	
		Necrosis	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 2-3			
Lymph Node	Bronchial	Hyperplasia	Minimal
	Mesenteric	Hyperplasia	Mild
Mesentery	Fat	Sarcoma	Metastatic (Uterus)
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Hyperplasia	Lymphoid, Minimal
Trachea		Inflammation	Suppurative, Minimal
Urin Bladder			
Note: URINARY BLADDER - BLADDER IS ON SL. 10 WITH UTERINE MASS.			
Uterus		Hyperplasia	Cystic, Mild
		Sarcoma	
Note: UTERUS - MAY BE HISTIOCYTIC SARCOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15327

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [SARCOMA] TGLs = 1-10+11

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Mild
Bone		Adenocarcinoma	Metastatic (Harderian Gland)
		Fibrous Osteodystrophy	Mild
Note: [ADENOCARC] TGLs = 1-10			
Brain		Mineralization	Minimal
Harderian Gland		Adenocarcinoma	
		Adenoma	
Note: [ADENOCARC] TGLs = 2-12			
Note: [ADENOMA] TGLs = 2-9			
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 6-11			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
Note: [ADENOCARC] TGLs = 4,5-3			
Nose		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Mild
		Atrophy	Mild
		Cyst	
Note: [ANGIECTASIS] TGLs = 7-7			
Note: [CYST] TGLs = 3-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15328

ORGAN AND ACCOUNTABLE SITE STATUS

Trachea	Inflammation	Suppurative, Minimal
Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Intestine Small	Ileum	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 3-11			
Liver		Angiectasis	Mild
		Eosinophilic Focus	
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-12			
Mesentery	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 1-10			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Cyst	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung Ovary

OBSERVATIONS

Harderian Gland Adenoma

Ovary

Note: OVARY-TGL1 MAY BE PROMINENT CORPORA LUTEA.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Mandibular
Lymph Node - Mediastinal	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus	Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone		Fibrous Osteodystrophy	Mild
Harderian Gland		Adenoma	
Liver		Clear Cell Focus	
		Degeneration	Fatty, Marked
Note: [CLEAR CL FOCUS] TGLs = 1-10			
Lymph Node	Bronchial	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Ovary		Cyst	
Note: OVARY - CYST WALL IS CELLULAR (THECAL CELLS) AND			
Note: [CYST] TGLs = 2-7			
Note: LINING EPITHELIA CUBOIDAL TO COLUMNAR.			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hyperplasia	Lymphoid, Marked
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Thymus		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Lymph Node - Mesenteric

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Intestine Small	Ileum	Carcinoma	
Note: [CARCINOMA] TGLs = 4-11			
Liver		Inflammation	Granulomatous, Focal, Mild
Mesentery	Fat	Angiectasis	Mild
	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 3-12			
Note: [ANGIECTASIS] TGLs = 3-12			
Spleen		Hematopoietic Cell Proliferation	Mild
		Inflammation	Granulomatous, Focal, Mild
Note: [HEMA CELL PROL] TGLs = 2-4			
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hemorrhage	Moderate
		Hyperplasia	Cystic, Moderate
Note: [HEMORRHAGE] TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
Lung

OBSERVATIONS
Ovary — Cyst
[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 2-9			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Moderate
		Cyst	
Note: [CYST] TGLs = 1-7			
Pancreas	Acinus	Focal Cellular Change	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus	Cervix	Cyst	
		Hyperplasia	Cystic, Moderate
Note: DEAD CELLS AND SOME PMN'S.			
Note: UTERUS - CYSTIC IS SQUAMOUS CELL LINED AND FILLED WITH			
Note: [CYST] TGLs = 3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Nose
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Parathyroid Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Heart	Endothelium	Hyperplasia	Minimal
Note: [HYPERPLASIA] TGLs = 3-4			
Note: IN ALL CHARACTERISTICS EXCEPT IT IS ALL OVER HEART.			
Note: HEART - LESION IS JUST LIKE THE FOCAL HEART HYPERPLASIA			
Liver		Hematopoietic Cell Proliferation	Marked
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON ADEN] TGLs = 8-3			
Lymph Node	Mediastinal	Angiectasis	Moderate
	Bronchial	Hyperplasia	Moderate
	Mesenteric	Hyperplasia	Moderate
	Renal	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 7-14			
Note: [HYPERPLASIA] TGLs = 10-6			
Note: LYMPH NODE - TGL 7 MAY BE MORE ACCURATELY CALLED A			
Note: [HYPERPLASIA] TGLs = 9-3			
Note: PANCREATIC OR MESENTERIC LYMPH NODE.			
Mammary Gland		Adenoacanthoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15335

ORGAN AND ACCOUNTABLE SITE STATUS

	Adenocarcinoma	
Note: [ADENOCARC] TGLs = 2-10+11		
Note: MAMMARY - TGL 2 IS MAMMARY NOT SKIN. TGL 2 IS NOT TOO		
Note: [ADENOACANTHOMA] TGLs = 1-12		
Note: TGL 1 IS ADENOACANTHOMA AND LYMPH NODE IS NOT APPARENT.		
Note: ANAPLASTIC AND HAS SOME MYOEPITHELIAL PROLIFERATION TOO.		
Ovary	Atrophy	Moderate
	Cyst	
Spleen	Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 4-4		
Thymus	Necrosis	Mild
Uterus	Hemangioma	
	Hyperplasia	Cystic, Marked
Note: [HYPERPLASIA] TGLs = 5-8+13		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lung	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Parathyroid Gland	Thymus

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Mild
Bone		Fibrous Osteodystrophy	Minimal
Brain	Perivascular	Infiltration Cellular	Lymphocyte, Moderate
Lymph Node	Bronchial	Hyperplasia	Minimal
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15337

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Mammary Gland	Nose	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Harderian Gland		Adenoma	
Kidney		Lymphoma Malignant Mixed	
Liver		Angiectasis	Minimal
		Inflammation	Chronic, Marked
		Lymphoma Malignant Mixed	
Note: LIVER - CHRONIC INFLAMMATION IS APPARENTLY IN AN OLD			
Note: HEPATOCLR LESION TGLS 2,8,9,10-4+11+12+13+14			
Note: AREA OF NECROSIS.			
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 1,4-2+17			
Mesentery	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 5-10			
Ovary		Atrophy	Mild
		Cyst	
Note: [CYST] TGLs = 6-7			
Pancreas	Acinus	Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 3-15			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15338

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Lymphoma Malignant Mixed	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Marked
		Polyp Stromal	

Note: [POLYP STROMAL] TGLs = 7-16
Note: [HYPERPLASIA] TGLs = 7-8+16

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland		

MISSING

Lymph Node - Mediastinal	Urinary Bladder

OBSERVATIONS

Brain		Mineralization	Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Ovary		Mineralization	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 2-4+10			
Thymus		Hyperplasia	Lymphoid, Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Mild
Note: [ANGIECTASIS] TGLs = 1-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Lymph Node - Mediastinal	Mammary Gland	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Urinary Bladder			

MISSING

Esophagus

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
		Hyperplasia	Minimal
Intestine Small	Ileum	Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 1,5-4+10			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
Note: [HEMORRHAGE] TGLs = 4-3			
Lymph Node	Bronchial	Hyperplasia	Moderate
	Mesenteric	Hyperplasia	Mild
	Pancreatic	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 3-11			
Nose		Inflammation	Suppurative, Minimal
Ovary		Adenoma	
		Atrophy	Mild
Note: [ADENOMA] TGLs = 2-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15340

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant Mixed	
Thymus		Hyperplasia	Lymphoid, Moderate
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Inflammation	Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: PLASMA CELL DIFFERENCIATION IS PROMINENT.
Animal Note: ERYTHROPHAGOCYTOSIS IS PROMINENT IN LYMPH NODE & LIVER .

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 524
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Heart
Intestine Large - Rectum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Bronchial	Congestion	Mild
	Mediastinal	Congestion	Mild
Note: CONGESTION TGLs = 1-2			
Ovary		Cyst	
Note: CYST TGLs = 2-7			
Note: OVARY - HEMORRHAGE FROM CYST PCOD. LOCATION OF CYST MAY			
Note: BE OVIDUCT OR UTERUS - HARD TO TELL.			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 3-4			
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Bronchial	Mammary Gland	Nose	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Salivary Glands

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Kidney		Hematopoietic Cell Proliferation	Minimal
Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR LESION TGLS 2,7-12+13			
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 5-10+15			
Note: [LYMPH MAL MIXD] TGLs = 4-14			
Ovary		Cyst	
Pancreas	Acinus	Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 6-8			
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 1-2+11			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15342

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL	
Lung	Ovary
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15344

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 7
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Brain	Esophagus	Heart
Larynx	Lung	Lymph Node - Mandibular	Mammary Gland
Salivary Glands	Skin	Thymus	Trachea
MISSING			
Harderian Gland	Intestine Large - Rectum	Intestine Small - Ileum	Lymph Node - Bronchial
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Parathyroid Gland	Thyroid Gland
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Nose
Ovary	Pancreas	Pituitary Gland	Spleen
Stomach - Forestomach	Stomach - Glandular	Urinary Bladder	Uterus

OBSERVATIONS

Lung

Note: TGL-1. NOT CONSIDERED A DIAGNOSIABLE LESION AS SUCH.

Note: POST MORTEM HYPOSTATIC CONGESTION PROBABLY ACCOUNTS FOR

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder
Intestine Small - Duodenum

INSUFFICIENT TISSUE

Adrenal Gland - Medulla

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Liver		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 6-11			
Lymph Node	Mandibular	Hyperplasia	Mild
Ovary		Atrophy	Mild
		Cyst	
Note: OVARY - TGL 2 IS CYSTIC OVARY FILLED WITH HUGE THROMBUS			
Note: AND HEMORRHAGE. PROBABLY THE CAUSE OF TGL 1 ALSO.			
Note: [CYST] TGLs = 1,2,5-7+12			
Note: DEATH DUE TO HEMORRHAGE OF CYST?			
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
Note: [HYPERPLASIA] TGLs = 3-8+10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15346

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 519
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Marked
		Inflammation	Suppurative, Mild
Note: HELPING IDENTIFY THE TUMOR AS AN ADENOCARCINOMA.			
Note: INFILTRAT CELL TGLs = 1-3			
Note: ALV BRON CARC TGLs = 2-3			
Note: A PAS STAIN ON THE LUNG SECTION WAS NEGATIVE FOR			
Lymph Node	Bronchial	Hyperplasia	Mild
	Mediastinal	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-3			
Ovary		Cyst	
Note: CYST TGLs = 4-7			
Note: OVARY- BOTH OVARIES HAVE SMALL BLOOD-FILLED CYSTS.			
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland	Stomach - Forestomach
Stomach - Glandular	Urinary Bladder		

OBSERVATIONS

Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-12			
Kidney		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 11-5			
Liver		Angiectasis	Mild
		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
Note: [ANGIECTASIS] TGLs = 13-4			
Note: [LYMPH MAL MIXD] TGLs = 12-4			
Lung		Adenocarcinoma	
		Lymphoma Malignant Mixed	
Note: LUNG - RECUT STILL HAS ONLY ONE LUNG MASS			
Note: [ADENOCARC] TGLs = 2-3			
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 10-13			
Note: [LYMPH MAL MIXD] TGLs = 9-11			
Nose		Inflammation	Suppurative, Minimal
Ovary		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15348

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 8-7			
Pancreas	Acinus	Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 14-8			
Salivary Glands		Lymphoma Malignant Mixed	
Skin	Subcut Tiss	Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 5-10			
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-4+14+15			
Note: [HEMANGIOSARC] TGLs = 3-14+15			
Thymus		Lymphoma Malignant Mixed	
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Angiectasis	Mild
		Dilatation	Moderate
Note: ACTUALLY LOOKS "NORMAL" - BY ITSELF THE UTERUS ON			
Note: SLIDE 8 IS NORMAL BUT IS SOMEWHAT "DIFFERENT" FROM			
Note: [ANGIECTASIS] TGLs = 7-16			
Note: HYPERPLASIA AND THEREFORE APPEARS SMALLER.			
Note: UTERUS - TGL 6 IS CALLED NCL BECAUSE THAT SECTION			
Note: [DILATATION] TGLs = 7-16			
Note: MOST IN THE STUDY SINCE IT DOESN'T HAVE CYSTIC			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea

MISSING

Lymph Node - Mediastinal	Urinary Bladder

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Moderate
Brain		Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 2-10+11			
Lung		Inflammation	Chronic, Focal, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-6			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Hyperplasia	Lymphoid, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL		
Lung		
OBSERVATIONS		
Liver	Basophilic Focus	
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-10]		
Ovary	Angiectasis	Minimal
[Angiectasis TGLS = 2-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Liver		Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 1,2,3-4+10+11+12			
Lymph Node	Mandibular	Hyperplasia	Minimal
	Mesenteric	Hyperplasia	Minimal
Mesentery	Fat	Inflammation	Chronic, Moderate
Note: [INFLAMMATION] TGLs = 4-13			
Ovary		Atrophy	Mild
		Cyst	
Note: OVARY - THERE IS HEMORRHAGE INTO THE CYST.			
Note: [CYST] TGLs = 5-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Thymus		Hyperplasia	Lymphoid, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 467
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Harderian Gland	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Uterus		

MISSING

Lymph Node - Bronchial	Thymus	Urinary Bladder

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex	Histiocytic Sarcoma	
Brain		Histiocytic Sarcoma	
		Mineralization	Minimal
Kidney		Histiocytic Sarcoma	
Liver		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
		Necrosis	Marked
Note: [HISTIO SARC] TGLs = 3-4+10			
Note: HEPATOCLR CARC TGLs = 4-10			
Lung		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Ovary		Cyst	
Note: CYST TGLs = 1-7			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15353

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15354

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Esophagus

INSUFFICIENT TISSUE

Intestine Small - Duodenum

OBSERVATIONS

Blood Vessel		Inflammation	Moderate
Note: BLOOD VESSEL = RENAL ARTERY PLUS ARTERY NEXT TO OVARY.			
Bone		Fibrous Osteodystrophy	Minimal
Nose		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Minimal
Note: FORESTOMACH - MICRO ABSCESS IN EPITHELIUM LESION.			
Note: [HYPERPLASIA] TGLs = 3-8			
Thymus		Necrosis	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
Uterus	Muscularis	Hyperplasia	Mild
		Hyperplasia	Cystic, Mild
Note: [HYPERPLASIA] TGLs = 1-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15355

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Ovary		Atrophy	Mild
	Corpus Luteum	Hyperplasia	Mild
Note: BUT NOT A CORPUS LUTEUM PER SE. CAN NOT CODE OTHERWISE.			
Note: OVARY - THERE APPEARS TO BE HYPERPLASIA OF LUTEAL CELLS			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Moderate
Note: UTERUS - IS CLOSE TO BEING A POLYP.			
Note: [HYPERPLASIA] TGLs = 1-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15357

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node - Bronchial
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
		Osteopetrosis	Mild
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Minimal
Kidney		Metaplasia	Osseous, Minimal
Liver		Angiectasis	Mild
		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 2-4			
Lymph Node	Mesenteric	Hyperplasia	Minimal
Pancreas	Acinus	Focal Cellular Change	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Stomach	Forestomach	Cyst Epithelial Inclusion	Moderate
	Epithelium, Forestomach	Hyperplasia	Mild
Note: [CYST EPITH INC] TGLs = 1-8			
Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Minimal
		Inflammation	Moderate
Note: [DILATATION] TGLs = 3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15358

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Liver		Lymphoma Malignant Mixed	
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Hyperplasia	Minimal
Ovary		Atrophy	Mild
	Germinal Epith	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	Pars Intermed	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant Mixed	
Thymus		Hyperplasia	Lymphoid, Mild
Thyroid Gland		Cyst	
Tooth		Inflammation	Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Angiectasis	Minimal
		Hyperplasia	Cystic, Marked

Note: [ANGIECTASIS] TGLs = 1-8

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Clitoral Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Clitoral Gl			
Note: SUBCUTANEOUS SARCOMA.			
Note: CLITORAL GL. - TGL 1 IS NOT CLITORAL GLAND BUT A			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Subcut Tiss	Sarcoma	
Note: SKIN - SEEMS TO HAVE A MYOEPITHELIAL COMPONENT TO			
Note: SQ TUMOR.			
Note: [SARCOMA] TGLs = 1-10+11			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Liver		Eosinophilic Focus	
Lymph Node	Mandibular	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 2-7			
Ovary		Atrophy	Mild
		Cyst	
	Germinal Epith	Hyperplasia	Minimal
Pancreas	Acinus	Atrophy	Mild
	Acinus	Focal Cellular Change	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Hyperplasia	Lymphoid, Mild
Tooth		Inflammation	Mild
Uterus		Hyperplasia	Cystic, Marked
Note: SIGNIFICANT THEREFORE NCL.			
Note: [HYPERPLASIA] TGLs = 3-8+11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15361

ORGAN AND ACCOUNTABLE SITE STATUS

Note: UTERUS - SLIDE 10 UTERUS MAY HAVE A BIT MORE PROMINENT
Note: BLOOD VESSELS AND ENDOMETRIAL CYSTIC HYPERPLASIA IS
Note: NOT OBVIOUS THEREFORE MAY SEEM DARKER. DID NOT CONSIDER

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Thymus	Urinary Bladder		

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Heart	Perivascular	Inflammation	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASM TGLS 1,2-10+11			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Congestion	Moderate
	Mesenteric	Hyperplasia	Mild
	Pancreatic	Hyperplasia	Mild
Note: [CONGESTION] TGLs = 3-12			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
		Cyst	
Note: [CYST] TGLs = 4-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular	Inflammation	Suppurative, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15362

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 538
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Heart	Endothelium	Hyperplasia	Minimal
Ovary		Cyst	
Note: CYST TGLs = 2-7			
Parathyroid Gland		Cyst	
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mediastinal	Mammary Gland

INSUFFICIENT TISSUE

Lymph Node - Mesenteric

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Harderian Gland	Bilateral	Adenoma	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Lymphoma Malignant Lymphocytic	
Note: HEPATOCLR ADEN & EOSIN FOCUS TGL 4,5-10+11			
Lung		Adenocarcinoma	Metastatic (Uterus)
		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
		Lymphoma Malignant Lymphocytic	
Note: [HEMORRHAGE] TGLs = 1-3			
Note: [LYMPH MAL LYMP] TGLs = 1-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
Mesentery	Fat	Lymphoma Malignant Lymphocytic	
Ovary		Granular Cell Tumor Benign	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15364

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-4			
Stomach	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 6-2			
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Adenocarcinoma	
		Hyperplasia	Cystic, Moderate
		Lymphoma Malignant Lymphocytic	
Note: [ADENOCARC] TGLs = 2-12			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung Ovary

OBSERVATIONS

Liver Eosinophilic Focus

Lung

Note: LUNG-NO LESIONS (TGL1) EVEN ON RECUTS

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Kidney		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 2-5			
Liver		Eosinophilic Focus	
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hyperplasia	Marked
Mesentery	Fat	Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 4-11			
Ovary		Adenoma	
		Atrophy	Mild
		Cyst	
Note: [CYST] TGLs = 3-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 1,5-10			
Thymus		Angiectasis	Minimal
		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15366

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung Ovary

OBSERVATIONS

Uterus	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL	
Lung	Ovary
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Esophagus

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Intestine Small	Duodenum	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Liver		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 5-4+11			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Moderate
Note: [ALV BRON ADEN] TGLs = 3-3			
Lymph Node	Mesenteric	Hyperplasia	Minimal
Ovary		Angiectasis	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 4-8			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mediastinal	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus	Intestine Large - Rectum

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain	Perivascular	Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
Intestine Small	Jejunum	Carcinoma	
Note: [CARCINOMA] TGLs = 2-10			
Lymph Node	Bronchial	Hyperplasia	Minimal
	Mesenteric	Hyperplasia	Minimal
Ovary		Cyst	
Note: [CYST] TGLs = 3-7			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal
Note: [HYPERPLASIA] TGLs = 4-8			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Gallbladder
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hepatocellular Carcinoma	Metastatic (Liver)
	Medulla	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Heart		Adenocarcinoma	Metastatic (Lung)
Note: [ADENOCARC] TGLs = 2-4			
Kidney		Adenocarcinoma	Metastatic (Lung)
Note: [ADENOCARC] TGLs = 7-5			
Liver		Hepatocellular Carcinoma	Multiple
Note: [HEPATOCLR CARC] TGLs = 5,6-4+10+11			
Lung	Mediastinum	Adenocarcinoma	Metastatic (Lung)
		Adenocarcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
Note: LUNG - ADENOCARCINOMA HAS GOBLET CELLS ON A&E.			
Note: [HEPATOCLR CARC] TGLs = 1-3			
Lymph Node	Bronchial	Adenocarcinoma	Metastatic (Lung)
Mesentery	Fat	Inflammation	Chronic, Mild
Ovary		Atrophy	Mild
		Cyst	
Note: [CYST] TGLs = 3-7			
Pancreas	Acinus	Focal Cellular Change	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15371

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 4-4			
Uterus		Hyperplasia	Cystic, Minimal
	Arteriole	Hypertrophy	Mild
Note: UTERUS - APPARENT MEDIAL HYPERTROPHY OF FOCAL AREAS OF			
Note: SMALL ARTERIES.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL		
Lung	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS		
Ovary		Cyst
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Gallbladder
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
Bone		Fibrous Osteodystrophy	Mild
Brain	Perivascular	Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
Heart		Cardiomyopathy	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Focal, Mild
Mesentery	Fat	Inflammation	Chronic, Mild
	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 3-11			
Ovary		Cyst	
Note: INFLAMMATION.			
Note: OVARY - CYST IS HEMORRHAGIC & THERE IS CHRONIC			
Note: [CYST] TGLs = 1-7			
Thyroid Gland		Cyst	
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Moderate
		Leiomyosarcoma	
Note: [LEIOMYOSAR] TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15373

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Liver		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 4-11			
Lung	Alveolar Epith	Hyperplasia	Minimal
Note: [HYPERPLASIA] TGLs = 5-3			
Mesentery	Fat	Angiectasis	Marked
	Fat	Ectopic Tissue	
Note: [ANGIECTASIS] TGLs = 2-12			
Note: PRESUMMED ECTOPIC DUE TO DESCRIPTION GROSSLY.			
Note: MESENTERY - ANGIECTASIS IS IN LYMPHOID TISSUE WHICH IS			
Nose		Inflammation	Suppurative, Minimal
Ovary		Adenoma	
Note: [ADENOMA] TGLs = 3-7			
Pituitary Gland	Pars Intermed	Hyperplasia	Minimal
Skin	Subcut Tiss	Sarcoma	
Note: [SARCOMA] TGLs = 1-10+13			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15374

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15375

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 695
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Nose
Pituitary Gland	Stomach - Forestomach	Stomach - Glandular	Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Mineralization	Minimal
Kidney		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 15-5			
Liver		Eosinophilic Focus	
Lung		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 5-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 12-14			
Note: [LYMPH MAL LYMP] TGLs = 1-7			
Note: [LYMPH MAL LYMP] TGLs = 13-12			
Note: [LYMPH MAL LYMP] TGLs = 8-3			
Note: [LYMPH MAL LYMP] TGLs = 9,14-6+15			
Note: [LYMPH MAL LYMP] TGLs = 7-16			
Mesentery	Fat	Lymphoma Malignant Lymphocytic	
	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 695
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15376

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [NECROSIS] TGLs = 11-13			
Note: [LYMPH MAL LYMP] TGLs = 4-11+13			
Ovary		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 10-7			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Skin	Subcut Tiss	Edema	Mild
Note: [EDEMA] TGLs = 2-2			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 3-4+10			
Thymus		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 6,9-16			
Thyroid Gland		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	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	Trachea

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Hyperplasia	Minimal
Heart		Mineralization	Minimal
Intestine Large	Cecum	Hemorrhage	Mild
Kidney		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-5			
Larynx		Inflammation	Suppurative, Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 3-4			
Lung		Hemorrhage	Minimal
		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Hemorrhage	Marked
	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
Note: [HEMORRHAGE] TGLs = 5-10			
Note: [HISTIO SARC] TGLs = 5,7-5+10			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15377

ORGAN AND ACCOUNTABLE SITE STATUS

		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-4			
Stomach	Glandular	Hemorrhage	Mild
	Glandular	Pigmentation	Hemosiderin, Mild
Note: [HEMORRHAGE] TGLs = 6-8			
Thymus		Necrosis	Mild
Thyroid Gland	Follicular Cel	Adenoma	
Urinary Bladder		Histiocytic Sarcoma	
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Urinary Bladder	

MISSING

Esophagus	Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Bone		Fibrous Osteodystrophy	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-4			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 3-3			
Lymph Node	Bronchial	Hyperplasia	Minimal
	Mesenteric	Hyperplasia	Minimal
Ovary		Cyst	
Note: [CYST] TGLs = 2-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Thymus		Hyperplasia	Lymphoid, Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Moderate
Note: [HYPERPLASIA] TGLs = 4-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Hyperplasia	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASM TGLS 1,2-4			
Ovary		Angiectasis	Mild
		Cyst	
Note: [CYST] TGLs = 3-10			
Note: OVARY - TGL 3 IS FULL OF HEMORRHAGE & THROMBUS.			
Pancreas	Acinus	Focal Cellular Change	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Angiectasis	Moderate
		Hyperplasia	Cystic, Moderate
Note: [ANGIECTASIS] TGLs = 4-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15380

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Larynx	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Ileum	Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
Brain		Mineralization	Minimal
Heart		Mineralization	Mild
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 5-4			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 7-10			
Note: [LYMPH MAL MIXD] TGLs = 9-7			
Note: [LYMPH MAL MIXD] TGLs = 6-5			
Note: [LYMPH MAL MIXD] TGLs = 2-3			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Ovary		Atrophy	Moderate
		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15381

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL MIXD] TGLs = 4-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: [ULCER] TGLs = 8-8			
Thymus		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 1-2			
Uterus		Angiectasis	Marked
		Hyperplasia	Cystic, Mild
Note: [ANGIECTASIS] TGLs = 3-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Urinary Bladder		

MISSING

Lymph Node - Mediastinal	Thymus

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Hyperplasia	Minimal
	Mesenteric	Hyperplasia	Minimal
	Mandibular	Lymphoma Malignant Lymphocytic	
Mesentery	Fat	Lymphoma Malignant Lymphocytic	
Nose		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Mild
		Atrophy	Mild
		Cyst	
Note: OVARY - CYST CONTAINS BLOOD.			
Note: [CYST] TGLs = 1-7			
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
Spleen		Lymphoma Malignant Lymphocytic	
Thyroid Gland		Cyst	
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 644
	DOSE: 6.25 PPM	**DISP:** Moribund	**HISTO:** 15383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Pituitary Gland	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal	Parathyroid Gland

OBSERVATIONS

Liver	Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-10		
Ovary	Cyst	
	Metaplasia	Osseous, Minimal
Note: [CYST] TGLs = 2-7		
Skin	Acanthosis	Minimal
	Inflammation	Chronic, Minimal
Urinary Bladder	Inflammation	Minimal
Note: URINARY BLADDER - INFLAMMATION SEEMS TO BE CENTERED		
Note: AROUND SOME BLOOD VESSEL NECROSIS.		
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 641
	DOSE: 6.25 PPM	**DISP:** Dead	**HISTO:** 15384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Heart
Intestine Large - Colon	Islets, Pancreatic	Kidney	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Lymph Node - Mesenteric

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Stomach - Glandular		

OBSERVATIONS

Liver	Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 2-10+11		
Ovary	Angiectasis	Moderate
	Cyst	
Note: [CYST] TGLs = 1-7		
Skin		
Note: RE-EMBEDDED SLIDE 12 NO SIGNIFICANT LESION SEEN.		
Note: SKIN - RECHECKED WET TISSUE - NO LESION SEEN.		
Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus	Lymph Node - Bronchial	Lymph Node - Mediastinal

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Moderate
Note: LUNG - LESIONS OF EPITHILIAL HYPERPLASIA ARE UNUSUAL,			
Note: ARE MULTIFOCAL AND SHOW ATYPIA. INVOLVE ALVEOLAR DUCTS.			
Note: [ALV BRON ADEN] TGLs = 3-3			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
Mammary Gland		Adenocarcinoma	
Note: MAMMARY - TGL 1 IS MAMMARY NOT SKIN.			
Note: [ADENOCARC] TGLs = 1-10			
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15385

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL	
Lung	Ovary
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Liver		Angiectasis	Minimal
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-10			
Lymph Node	Bronchial	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Minimal
Ovary		Adenoma	
		Atrophy	Mild
Note: [ADENOMA] TGLs = 2-7			
Pituitary Gland	Pars Distalis	Hemorrhage	Minimal
Thymus		Hyperplasia	Lymphoid, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Moderate
Note: [HYPERPLASIA] TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15388

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 6.25 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15389

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Marked
[Focal Cellular Change TGLS = 3-7]			
Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-9+10			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Lymphoid, Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 2-3			
Lymph Node	Mesenteric	Hyperplasia	Minimal
Ovary	Germinal Epith	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Mild
Note: [ANGIECTASIS] TGLs = 4-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 6.25 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Esophagus	Lymph Node - Mediastinal	Parathyroid Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Moderate
Kidney		Infiltration Cellular	Lymphocyte, Moderate
Lymph Node	Mandibular	Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 2-11			
Ovary		Cyst	
Note: [CYST] TGLs = 1-7			
Spleen		Hyperplasia	Lymphoid, Mild
Thymus		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Cyst	
Uterus		Angiectasis	Moderate
		Hyperplasia	Cystic, Moderate
Note: [ANGIECTASIS] TGLs = 6-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 501	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Mediastinal	Parathyroid Gland

OBSERVATIONS

Harderian Gland		Hyperplasia	Mild
Liver		Degeneration	Fatty, Minimal
		Eosinophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Minimal
Mesentery	Fat	Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 2-10			
Ovary	Granulosa Cell	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
Note: [ANGIECTASIS] TGLs = 3-8			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 502	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hyperplasia	Mild
Brain		Compression	Mild
		Mineralization	Minimal
Note: [COMPRESSION] TGLs = 4-1			
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 3-10			
Mammary Gland		Adenocarcinoma	
		Galactocele	Mild
		Hyperplasia	Minimal
Note: MAMMARY - TGL 2 IS MAMMARY NOT SKIN			
Note: [ADENOCARC] TGLs = 2-11			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Salivary Glands		Inflammation	Chronic, Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 503	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 194
	DOSE: 20 PPM	**DISP:** Accident	**HISTO:** 15184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Kidney	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Harderian Gland	Islets, Pancreatic	Parathyroid Gland

OBSERVATIONS

Brain	Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 3-1+10		
Uterus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: COD = POSSIBLE TRAUMA
Animal Note: NOTE THAT ANIMAL GOT HEAD
Animal Note: CAUGHT IN CAGE DOOR AND BRAIN
Animal Note: HEMORRHAGE IS COMPATIBLE WITH THAT.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 504	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 505	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Stomach - Forestomach	Stomach - Glandular	
OBSERVATIONS			
Mesentery	Fat	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-10			
Ovary		Cyst	
Note: CYST TGLs = 2-7			
Uterus		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 506	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Brain	Esophagus	Harderian Gland
Lung	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Salivary Glands			
MISSING			
Lymph Node - Bronchial	Thymus		
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Ear
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Ear			
Note: EARS=AUTOLYSIS			
Heart		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5,7-4+12			
Lymph Node	Iliac	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6-14			
Ovary		Granulosa Cell Tumor Benign	
		Histiocytic Sarcoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Hair Follicle	Atrophy	Mild
Note: [ATROPHY] TGLs = 1-10			
Uterus		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 8-13			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 507	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Lymph Node	Mandibular	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-5			
Ovary		Atrophy	Mild
		Cyst	
	Germinal Epith	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Mild
Note: [ANGIECTASIS] TGLs = 2-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 508	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15189

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 509	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Eye	Lymph Node - Bronchial	Parathyroid Gland	Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Histiocytic Sarcoma	
Bone		Fibrous Osteodystrophy	Mild
Brain		Hemorrhage	Mild
		Histiocytic Sarcoma	
Note: [HEMORRHAGE] TGLs = 2-1			
Harderian Gland		Inflammation	Chronic, Mild
Heart			
Note: HEART - NO SIGNIFICANT LESIONS SEEN ON RECUT			
Kidney		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7-5			
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 5-4			
Lung		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 8,9-3			
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 509	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15190

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6,10-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Mineralization	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Mild
Note: [HYPERPLASIA] TGLs = 4-8+10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 510	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Urinary Bladder			

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 3-11			
Lymph Node	Bronchial	Hyperplasia	Marked
	Iliac	Hyperplasia	Mild
	Mediastinal	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 7-12			
Note: [HYPERPLASIA] TGLs = 6-3			
Mesentery	Fat	Inflammation	Chronic, Mild
	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 4,5-13			
Note: AND ONE WAS HEMORRHAGIC.			
Note: MESENTERY - ONE NECROTIC FAT FOCUS WAS MINERALIZED			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 8-8			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: [HEMA CELL PROL] TGLs = 1-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 510	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15191

ORGAN AND ACCOUNTABLE SITE STATUS

Trachea	Inflammation	Suppurative, Minimal
Uterus	Angiectasis	Marked
	Hyperplasia	Cystic, Mild

Note: [ANGIECTASIS] TGLs = 2-10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 511	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 512	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15193

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 513	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15194

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 514	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 697
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Mammary Gland
Nose	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mediastinal	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Histiocytic Sarcoma	
		Metaplasia	Osseous, Minimal
Note: [HISTIO SARC] TGLs = 5-5			
Liver		Histiocytic Sarcoma	
		Necrosis	Minimal
Note: [HISTIO SARC] TGLs = 4,8-4+10			
Lung		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Angiectasis	Mild
	Bronchial	Histiocytic Sarcoma	
	Mandibular	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 3,6,7-3+7+13+14			
Ovary		Atrophy	Moderate
		Histiocytic Sarcoma	
Spleen		Angiectasis	Mild
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1,2-4+11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 514	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 697
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15195

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Necrosis	Mild
Uterus	Angiectasis	Marked
	Hyperplasia	Cystic, Minimal

Note: [ANGIECTASIS] TGLs = 9-8+12

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 515	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung	Ovary	Stomach - Forestomach	Stomach - Glandular

OBSERVATIONS

Lung

Note: FOCUS IS ON SLIDE 3 WHICH IS IN DIAPHRAGMATIC LOBE.

Note: NO LESION ON SLIDE 10 (TGL 1) EVEN ON RECUT. HYPERPLASTIC

Uterus	Hyperplasia	Cystic, Mild

Note: HYPERPLASIA TGLs = 2-8

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 516	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 507
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Nose	Trachea	

OBSERVATIONS

Harderian Gland		Hyperplasia	Minimal
Kidney		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Liver		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 6-4			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Marked
Note: STUDY ANIMAL.			
Note: ALV BRON CARC TGLs = 4-3			
Note: LUNG - TGL'S PROBABLY DUE TO CONGESTION BUT NOT			
Note: CONSIDERED SIGNIFICANT IN AN EARLY DEATH CHRONIC			
Skin	Hair Follicle	Atrophy	Moderate
Note: ATROPHY TGLs = 1,2-10+11			
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 517	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Esophagus	Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Intestine Large	Colon, Endothelium	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 7-6			
Liver		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 4-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 6-3			
Note: [ALV BRON ADEN] TGLs = 5-3			
Ovary		Cyst	
Note: THICKER WALL.			
Note: OVARY - ONE CYST HAS CUBOIDAL LINING CELLS AND A FEW			
Note: WITH CILIA. THE OTHER LARGER CYST HAS CUBOIDAL TO			
Note: COLUMNAR LINING CELLS & LEUTINIZED THECAL CELLS IN A			
Note: [CYST] TGLs = 1-7			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-8			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 517	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15198

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 2-7+8+10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 518	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Liver		Eosinophilic Focus	
Mesentery	Fat	Angiectasis	Moderate
Note: [ANGIECTASIS] TGLs = 1-10			
Ovary		Atrophy	Mild
Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Minimal
Note: [ANGIECTASIS] TGLs = 2-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 519	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Kidney	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mediastinal

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Hyperplasia	Mild
Lymph Node	Mandibular	Sarcoma	Metastatic (Skin)
Note: [SARCOMA] TGLs = 1-10			
Ovary		Atrophy	Mild
		Cyst	
Note: [CYST] TGLs = 3-7			
Pancreas	Acinus	Focal Cellular Change	Minimal
Skin	Subcut Tiss	Sarcoma	
Note: [SARCOMA] TGLs = 2-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 4-4			
Thymus		Necrosis	Mild
Uterus		Angiectasis	Marked
		Hyperplasia	Cystic, Mild
Note: [ANGIECTASIS] TGLs = 5-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 519	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15200

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 520	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 533
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach - Forestomach
Thyroid Gland	Trachea		

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 7,1-4			
Lung		Hemorrhage	Moderate
		Lymphoma Malignant Lymphocytic	
Note: HEMORRHAGE TGLs = 3-3			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6-6			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
Ovary		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-7			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Skin		Necrosis	Moderate
Note: NECROSIS TGLs = 8-10			
Spleen		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 520	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 533
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15201

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 2-4		
Stomach	Glandular	Lymphoma Malignant Lymphocytic
Thymus		Lymphoma Malignant Lymphocytic
Urinary Bladder		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 5-8		
Uterus		Lymphoma Malignant Lymphocytic
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 521	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Liver		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 1-4			
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 522	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Heart	Perivascular	Inflammation	Minimal
Kidney		Lymphoma Malignant Mixed	
Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Lymphoma Malignant Mixed	

Note: ISLETS WERE NOT PAS POSITIVE.
Note: WAS POSITIVE AND SIMILAR TO LIVER REACTION. NORMAL
Note: [HEPATOCLR CARC] TGLs = 5-10
Note: LIVER - TGL 5 IS LIVER TUMOR, NOT PANCREAS. PAS STAIN

Lung	Mediastinum	Adenocarcinoma	Metastatic (Lung)
		Adenocarcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)

Note: [HEPATOCLR CARC] TGLs = 2-3
Note: A PAS STAIN APPLIED TO THE LUNG WAS POSITIVE AND HELPED
Note: IDENTIFY IT AS AN ADENOCARCINOMA.
Note: [ADENOCARC] TGLs = 2-3

Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Ovary		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 522	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15203

ORGAN AND ACCOUNTABLE SITE STATUS

	Germinal Epith	Hyperplasia	Mild
Pancreas			
Note: HELPED IDENTIFY PULMONARY METASTASIS.			
Note: A PAS STAIN WAS APPLIED TO A MASS (TGL 5) LISTED GROSSLY			
Note: AS PANCREAS BUT MICROSCOPICALLY IT WAS LIVER & STAIN			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
Note: [ANGIECTASIS] TGLs = 6-8			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 1-4			
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
Trachea		Inflammation	Suppurative, Minimal
Uterus		Angiectasis	Mild
		Hemorrhage	Marked
		Hyperplasia	Cystic, Marked
Note: [HEMORRHAGE] TGLs = 3-11			
Note: [HYPERPLASIA] TGLs = 4-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 523	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 691
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea

MISSING

Lymph Node - Mandibular	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Ileum

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Mineralization	Minimal
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant Lymphocytic	
Note: [ALV BRON ADEN] TGLs = 6-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-11			
Note: [LYMPH MAL LYMP] TGLs = 5-2			
Note: [LYMPH MAL LYMP] TGLs = 3-3			
Ovary		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1-10			
Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 523	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 691
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15204

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Inflammation	Mild
Urinary Bladder	Lymphoma Malignant Lymphocytic	
Uterus	Angiectasis	Marked
	Hyperplasia	Cystic, Minimal

Note: [ANGIECTASIS] TGLs = 7-8

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 524	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Mammary Gland	Nose	Pancreas	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Parathyroid Gland	Thymus

OBSERVATIONS

Bone Marrow		Fibrosis	Minimal
Brain		Mineralization	Minimal
Kidney		Adenocarcinoma	Metastatic (Lung)
Note: [ADENOCARC] TGLs = 8-5			
Liver		Hepatocellular Carcinoma	
		Infarct	Marked
Note: [HEPATOCLR CARC] TGLs = 4-10+11			
Note: [INFARCT] TGLs = 5,6-4+12			
Lung	Mediastinum	Adenocarcinoma	Metastatic (Lung)
		Adenocarcinoma	
		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Mediastinum	Hepatocellular Carcinoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
Note: MASS AS AN ADENOCARCINOMA.			
Note: PAS STAIN IN LUNG WAS POSITIVE AND USEFUL IN IDENTIFYING			
Note: [ADENOCARC] TGLs = 7-3+13			
Note: [HEPATOCLR CARC] TGLs = 10-3			
Note: [HEPATOCLR CARC] TGLs = 7-3+4+13			
Note: [ADENOCARC] TGLs = 10-3			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 524	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15205

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mediastinal	Hepatocellular Carcinoma	Metastatic (Liver)
Ovary		Atrophy	Mild
		Cyst	
Note: [CYST] TGLs = 9-7			
Skeletal Muscle		Adenocarcinoma	Metastatic (Lung)
		Hepatocellular Carcinoma	Metastatic (Liver)
Note: [ADENOCARC] TGLs = 7-13			
Note: [HEPATOCLR CARC] TGLs = 3,7-13			
Skin	Subcut Tiss	Hemangiosarcoma	
Note: TGL 11 IS IN SQ BY VAGINA.			
Note: [HEMANGIOSARC] TGLs = 11-14			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 2-4			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild
Vagina			
Note: TGL 11 IS IN SQ. BY VAGINA.			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 525	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Mammary Gland	Nose	Ovary	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Harderian Gland		Hyperplasia	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
Note: [EOSIN FOCUS] TGLs = 3-4			
Note: [HEPATOCLR CARC] TGLs = 4-10			
Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
Note: [HEPATOCLR CARC] TGLs = 1-3			
Lymph Node	Mesenteric	Congestion	Mild
Note: [CONGESTION] TGLs = 5-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 2-4			
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 526	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Urinary Bladder		

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 8-3			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 6-2			
Note: [LYMPH MAL MIXD] TGLs = 7-11			
Note: [LYMPH MAL MIXD] TGLs = 1-5			
Mammary Gland		Adenoacanthoma	
Note: [ADENOACANTHOMA] TGLs = 3-10			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
		Cyst	
Note: [CYST] TGLs = 4,5-7			
Pancreas	Acinus	Focal Cellular Change	Minimal
Skin			
Note: SKIN - TGL 3 MASS IS MAMMARY NOT SKIN.			
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 526	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15207

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL MIXD] TGLs = 2-4

Thymus	Lymphoma Malignant Mixed	
Trachea	Inflammation	Suppurative, Minimal
Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 527	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 657
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Heart	Endothelium	Hyperplasia	Minimal
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 2,3-10+11			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Skin			
Note: TUMOR HAS PROMINENT MYOEPITHELIAL LIKE COMPONENT.			
Note: SKIN - TGL 2 IS MAMMARY TUMOR NOT SKIN. MAMMARY			
Thyroid Gland	Follicular Cel	Adenoma	
		Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 528	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Harderian Gland		Adenoma	
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 529	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 2-11			
Liver		Hematopoietic Cell Proliferation	Minimal
Lung		Infiltration Cellular	Mixed Cell, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Ovary	Germinal Epith	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Subcut Tiss	Neurofibrosarcoma	
Note: NEUROFIBROSARC TGLs = 1-10			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 3-4			
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 530	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone	Fibrous Osteodystrophy	Mild
Brain	Mineralization	Minimal
Harderian Gland	Hyperplasia	Mild
Liver	Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 2-4		
Lung	Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 1-3		
Ovary	Atrophy	Mild
Spleen	Hyperplasia	Lymphoid, Mild
Trachea	Inflammation	Suppurative, Minimal
Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 531	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Stomach - Forestomach	Stomach - Glandular	
OBSERVATIONS			
Ovary		Cyst	
Note: CYST TGLs = 1-7			
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 532	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
	Medulla	Hyperplasia	Minimal
Bone		Fibrous Osteodystrophy	Mild
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 4-9			
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Necrosis	Minimal
Note: [HEPATOCLR ADEN] TGLs = 2-10			
Note: [EOSIN FOCUS] TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
Mesentery	Fat	Inflammation	Chronic, Moderate
Note: INFLAMMATION REACTION.			
Note: MESENTERY - MESOTHELIAL REACTION IS PRESENT AMID THE			
Ovary		Atrophy	Mild
		Cyst	
Note: [CYST] TGLs = 1-7			
Pancreas	Acinus	Atrophy	Mild
	Acinus	Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
	Capsule	Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 532	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15213

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [INFLAMMATION] TGLs = 3-4

Thymus	Lymphoma Malignant Lymphocytic	
Trachea	Inflammation	Suppurative, Minimal
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 533	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Kidney		Metaplasia	Osseous, Minimal
Liver		Eosinophilic Focus	
Lymph Node	Mesenteric	Hyperplasia	Mild
Mesentery	Fat	Angiectasis	Moderate
	Fat	Inflammation	Chronic, Moderate
	Fat	Necrosis	Moderate
Note: [ANGIECTASIS] TGLs = 1-10			
Note: [NECROSIS] TGLs = 2-10			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 534	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15215

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 535	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung	Ovary	Stomach - Forestomach	Stomach - Glandular

OBSERVATIONS

Ovary

Note: PUNCTATE FOCI SEEM TO REFER TO CORPORA HEMORRHAGICA.

Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 536	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Hyperplasia	Mild
Eye	Cornea	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 2-10			
Harderian Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 3-10			
Note: HARDERIAN GL. - SMALL FOCI OF ANAPLASIA.			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
Lymph Node	Mandibular	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 1-7			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 537	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 573
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Hemorrhage	Mild
		Histiocytic Sarcoma	
Note: [HEMORRHAGE] TGLs = 6-1+9			
Harderian Gland		Hyperplasia	Minimal
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 10-4			
Lung		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-3			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Marked
	Bronchial	Histiocytic Sarcoma	
	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4,11-3+6+7+2			
Mesentery	Fat	Hemorrhage	Mild
	Fat	Histiocytic Sarcoma	
Note: [HEMORRHAGE] TGLs = 8-12			
Ovary		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 537	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 573
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15218

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Subcut Tiss	Hemorrhage	Mild
Note: THAN MAMMARY.			
Note: [HEMORRHAGE] TGLs = 7,12-2+11			
Note: SKIN - TGL 12 IS MORE CLOSELY CORRELATED WITH SKIN			
Spleen		Hematopoietic Cell Proliferation	Marked
		Hemorrhage	Marked
	Capsule	Inflammation	Chronic, Mild
Note: [HEMORRHAGE] TGLs = 1,2-10			
Note: [INFLAMMATION] TGLs = 3-10			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Thymus		Necrosis	Mild
Uterus		Hyperplasia	Cystic, Moderate
Note: [HYPERPLASIA] TGLs = 9-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 538	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Bone Marrow			Lymphoma Malignant Lymphocytic	
Kidney			Lymphoma Malignant Lymphocytic	
Liver			Inflammation	Granulomatous, Focal, Mild
			Lymphoma Malignant Lymphocytic	
Lung			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 9-3			
Lymph Node		Axillary	Lymphoma Malignant Lymphocytic	
		Bronchial	Lymphoma Malignant Lymphocytic	
		Iliac	Lymphoma Malignant Lymphocytic	
		Mandibular	Lymphoma Malignant Lymphocytic	
		Mediastinal	Lymphoma Malignant Lymphocytic	
		Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 8-12			
Note: LYMPH MAL LYMP	TGLs = 6-13			
Note: LYMPH MAL LYMP	TGLs = 3-2			
Note: LYMPH MAL LYMP	TGLs = 10-3			
Note: LYMPH MAL LYMP	TGLs = 1-10			
Note: LYMPH MAL LYMP	TGLs = 7-11			
Mesentery		Fat	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 4-11			
Ovary			Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 538	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15219

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Moderate
	Acinus	Lymphoma Malignant Lymphocytic	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-4			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 539	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 492
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Jejunum

OBSERVATIONS

Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Moderate
Note: [HISTIO SARC] TGLs = 4-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Moderate
		Histiocytic Sarcoma	
Note: HEMORRHAGE TGLs = 1-3			
Lymph Node	Bronchial	Histiocytic Sarcoma	
Ovary		Atrophy	Mild
		Cyst	
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 3-4			
Thymus		Necrosis	Mild
Tooth		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 540	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
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			

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum

OBSERVATIONS

Brain	Mineralization	Minimal
Liver	Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-4		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 541	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15222

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 542	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15223

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 543	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15224

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 544	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Harderian Gland		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 3-10			
Note: [HEPATOCLR ADEN] TGLs = 3-4			
Lung		Hemorrhage	Moderate
		Thrombosis	Mild
Note: HEMORRHAGE TGLs = 4-3			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin		Cyst Epithelial Inclusion	
	Subcut Tiss	Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 2-12			
Note: CYST EPITH INC TGLs = 1-11			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 545	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15226

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 546	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Urinary Bladder			

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Eye		Degeneration	Marked
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Liver		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolus	Pigmentation	Hemosiderin, Marked
Note: [HEMORRHAGE] TGLs = 2-3			
Lymph Node	Mesenteric	Hyperplasia	Minimal
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Ovary		Atrophy	Mild
		Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 547	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Carcinoma	Metastatic (Parathyroid Gland)
Liver		Carcinoma	Metastatic (Parathyroid Gland)
Note: [CARCINOMA] TGLs = 2,3,4,5-4+10+11+12+13			
Lung		Carcinoma	Metastatic (Parathyroid Gland)
Lymph Node	Mediastinal	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Parathyroid Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 1,6-2			
Note: PARATHYROID = PATTERN MATCHES IARC BOOK DESCRIPTION.			
Note: TYPICAL OF C-CELL TUMOR OR FOLLICULAR TUMOR.			
Note: BASALIAN CELL PALISAIDING AND CYSTIC SPORES. NOT REAL			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland		Carcinoma	Metastatic (Parathyroid Gland)
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 548	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Salivary Glands
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Mediastinum	Hemangiosarcoma	Metastatic (Skin)
Mammary Gland		Hyperplasia	Minimal
Nose		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Minimal
Note: [ANGIECTASIS] TGLs = 3-7			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Skin	Subcut Tiss	Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 4-10			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Mild
Note: [HYPERPLASIA] TGLs = 2-4			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: [SQ CL PAPILLOM] TGLs = 5-8			
Thymus		Hyperplasia	Lymphoid, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Marked
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 549	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Urinary Bladder

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum

OBSERVATIONS

Liver		Hepatocellular Carcinoma	Multiple
Note: AND NECROSIS & DILATED SINUSOIDS BUT I THINK IT IS PART			
Note: OF HEPATIC TUMOR AND NOT HEMANGIOSARCOMA.			
Note: LIVER - LIVER HAS LARGE AREAS OF HEMORRHAGE, THROMBOSIS			
Note: [HEPATOCLR CARC] TGLs = 4,8-10+11+12			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [HEPATOCLR CARC] TGLs = 1,2,5,6,7-3			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
		Cyst	
Note: IS SOME CHRONIC INFLAMMATION AROUND IT.			
Note: OVARY - TGL 3 IS A CYST FILLED WITH BLOOD AND THERE			
Note: [CYST] TGLs = 3-7			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Angiectasis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 549	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15230

ORGAN AND ACCOUNTABLE SITE STATUS

	Hyperplasia	Cystic, Mild
Note: [ANGIECTASIS] TGLs = 9-13		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 550	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Liver		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 2-4			
Lymph Node	Bronchial	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-3			
Mesentery	Fat	Angiectasis	Moderate
Note: [ANGIECTASIS] TGLs = 1-10			
Ovary		Atrophy	Mild
	Granulosa Cell	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 551	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Harderian Gland		Hyperplasia	Moderate
Lymph Node	Bronchial	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 1-3			
Nose		Inflammation	Suppurative, Minimal
Ovary		Cyst	
Note: [CYST] TGLs = 4-7			
Skin	Subcut Tiss	Sarcoma	
Note: NEUROFIBROSARCOMA.			
Note: SKIN - SOME AREAS LOOK LIKE LEIOMYOSARCOMA & OTHERS			
Note: [SARCOMA] TGLs = 2,3-10+11+12			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 5-3			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thyroid Gl			
Note: TISSUE LIKE CHEMORECPTOR BUT NOT OF DIAGNOSABLE			
Note: IMPORTANCE.			
Note: WITH LYMPHOCYTES IN THE MIDDLE. SEEMS TO BE ECTOPIC			
Note: THYROID - NEXT TO THYROID IS A FOCUS OF CELLS (TINY)			
Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 551	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15232

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 552	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Minimal
Liver		Angiectasis	Marked
Note: [ANGIECTASIS] TGLs = 6-11			
Lymph Node	Bronchial	Hyperplasia	Mild
	Mandibular	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-3			
Mesentery	Fat	Inflammation	Chronic, Marked
Note: [INFLAMMATION] TGLs = 1-4+6+10+12			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
Pancreas	Acinus	Atrophy	Moderate
	Duct	Cyst	
Note: [CYST] TGLs = 5-10			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Intermed	Hyperplasia	Marked
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 4-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 552	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15233

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 2-8			
Thymus		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 553	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
Nose	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-10			
Note: [EOSIN FOCUS] TGLs = 1-4			
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mesenteric	Hyperplasia	Mild
Ovary		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 554	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 686
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Parathyroid Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 3-10			
Lung		Hemorrhage	Minimal
Note: LUNG - TGL 4 IS PALE AND THERE IS NO MATCHING LESION			
Note: FOR IT. RECUT MADE & BLOCK LOOKS UNPRODUCTIVE			
Note: RELATIVE TO MORE RECUT.			
Mammary Gland		Adenoacanthoma	
Note: [ADENOACANTHOMA] TGLs = 1-11			
Mesentery	Fat	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 2-7			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
		Cyst	
Note: [CYST] TGLs = 2-7			
Skin			
Note: SKIN - TGL 1 IS MAMMARY MASS, NOT SKIN.			
Spleen		Hematopoietic Cell Proliferation	Minimal
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 554	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 686
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15235

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 555	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15236

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 556	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Kidney	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Gallbladder		Inflammation	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Liver		Eosinophilic Focus	
Lymph Node	Mesenteric	Angiectasis	Minimal
Mesentery	Fat	Inflammation	Chronic, Moderate
	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 3-10			
Ovary		Atrophy	Mild
	Germinal Epith	Hyperplasia	Minimal
Pancreas	Duct	Cyst	
	Acinus	Inflammation	Chronic, Moderate
Note: [CYST] TGLs = 2-4			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 1-8			
Thyroid Gland	Follicular Cel	Hyperplasia	Marked
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 557	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Liver		Basophilic Focus	
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 1-3			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 2-10			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
		Cyst	
	Germinal Epith	Hyperplasia	Minimal
Note: [CYST] TGLs = 4-7			
Pancreas	Acinus	Atrophy	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 558	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Pituitary Gland	Salivary Glands	Stomach - Glandular	Thyroid Gland
Urinary Bladder			

MISSING

Lymph Node - Mediastinal	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Note: [PHEOCHROM MAL] TGLs = 3-7			
Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Liver		Eosinophilic Focus	
		Lymphoma Malignant Undifferentiated Cell Type	
Note: [EOSIN FOCUS] TGLs = 6,7-4+10			
Note: [LYMPH MAL UNDF] TGLs = 5-4+10			
Lung		Alveolar/Bronchiolar Carcinoma	
	Fat, Mediastinum	Hemangioma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Fat, Mediastinum	Necrosis	Moderate
		Pheochromocytoma Malignant	Metastatic (Adrenal Gland)
Note: [HEMANGIOMA] TGLs = 1-12			
Note: FAT NECROSIS WITH ECTATIC BLOOD VESSELS ALSO.			
Note: LUNG - MEDIASTINAL (THORACIC CAVITY) MASS APPEARS TO BE			
Note: [ALV BRON CARC] TGLs = 4-3			
Note: METASTATIC LESIONS IN LUNG APPEAR TO BE FROM ADRENAL.			
Lymph Node			
Note: TUMOR IS NOT A MAST CELL TUMOR.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 558	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15239

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Mild
		Atrophy	Mild
		Cyst	
	Germinal Epith	Hyperplasia	Moderate
Note: [ANGIECTASIS] TGLs = 8-7			
Skin	Subcut Tiss	Hemangioma	
Note: [HEMANGIOMA] TGLs = 2-13			
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Stomach	Forestomach	Squamous Cell Papilloma	
Note: [SQ CL PAPILLOM] TGLs = 9-11			
Thymus		Hyperplasia	Lymphoid, Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

Animal Note: BLOOD - SMEAR IS NONCONTRIBUTORY.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 559	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Pituitary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Hyperplasia	Mild
Heart	Pericardium	Leiomyosarcoma	Metastatic (Uterus)
Note: [LEIOMYOSAR] TGLs = 5-11			
Liver		Eosinophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Minimal
	Mediastinum	Leiomyosarcoma	Metastatic (Uterus)
Note: [LEIOMYOSAR] TGLs = 2,3-2+3+12			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Ulcer	Minimal
Thymus		Necrosis	Mild
Uterus		Hyperplasia	Cystic, Mild
		Leiomyosarcoma	
Note: [LEIOMYOSAR] TGLs = 1,4-7+8+10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 559	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 20 PPM	**DISP:** Moribund	**HISTO:** 15240

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 560	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mediastinal	Parathyroid Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Marked
Heart		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Mesenteric	Hyperplasia	Minimal
Mesentery	Fat	Lymphoma Malignant Lymphocytic	
	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 4-11			
Ovary		Atrophy	Moderate
		Cyst	
Note: [CYST] TGLs = 2-7+10			
Note: OVARY - RIGHT OVARY CYST IS FILLED WITH BLOOD.			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1-4			
Thymus		Angiectasis	Mild
		Lymphoma Malignant Lymphocytic	
Note: [ANGIECTASIS] TGLs = 5-2			
Thyroid Gland		Cyst	
Uterus		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 560	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15241

ORGAN AND ACCOUNTABLE SITE STATUS

Hemorrhage	Marked
Hyperplasia	Cystic, Mild
Lymphoma Malignant Lymphocytic	

Note: [ANGIECTASIS] TGLs = 3-8+10
Note: [HEMORRHAGE] TGLs = 3-8+10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 561	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 649
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Harderian Gland
Heart	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Thyroid Gland	Trachea
Uterus			

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
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	Ovary	Pancreas
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Urinary Bladder			

OBSERVATIONS

Liver	Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1,2-10+11		
Nose	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 562	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung	Ovary	Stomach - Forestomach	Stomach - Glandular

OBSERVATIONS

Ovary		
Note: TGL 2 APPEARS TO BE CORPORA HEMORRHAGICA.		
Uterus	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 563	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Lymph Node - Mediastinal	Mammary Gland	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Urinary Bladder	Uterus

MISSING

Esophagus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR LESION TGLS 3,4-11+12			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Minimal
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Marked
Note: [HEMORRHAGE] TGLs = 1-3			
Note: [ALV BRON CARC] TGLs = 2-10			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Bronchial	Hyperplasia	Mild
Note: [ANGIECTASIS] TGLs = 6-6			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Moderate
		Cyst	
Note: [CYST] TGLs = 5-7			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 563	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15244

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Focal Cellular Change	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 564	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 604
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Lymph Node - Mediastinal	Mammary Gland	Nose	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Pituitary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Heart		Histiocytic Sarcoma	
Kidney		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-5			
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 4-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Histiocytic Sarcoma	
Note: ALV BRON ADEN TGLs = 6-3			
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Mesentery	Fat	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-10			
Ovary		Atrophy	Moderate
Pancreas	Acinus	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 564	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 604
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15245

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HISTIO SARC] TGLs = 3-11

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 565	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Mediastinal	Mammary Gland	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Urinary Bladder	

MISSING

Esophagus	Lymph Node - Mandibular	Parathyroid Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Heart		Cardiomyopathy	Mild
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 2,8-4+11			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Pigmentation	Hemosiderin, Moderate
Note: [ALV BRON CARC] TGLs = 6-3			
Lymph Node	Bronchial	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Marked
Mesentery	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 3-12			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
		Cyst	
	Germinal Epith	Hyperplasia	Minimal
Note: [CYST] TGLs = 4-7			
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 565	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15246

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 9-4			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild
Note: HEMOSIDEROSIS AND MINERALIZATION IN THE LESION (TGL 7).			
Note: [HYPERPLASIA] TGLs = 7-8			
Note: UTERUS - THERE IS ALSO CHRONIC INFLAMMATION,			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 566	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 272
	DOSE: 20 PPM	**DISP:** Dead	**HISTO:** 15247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Heart	Kidney	Larynx
Lung	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Harderian Gland	Lymph Node - Bronchial	Stomach - Forestomach	
AUTO PRECLUDES DIAG.			
Adrenal Gland - Medulla	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Ovary	Pancreas	
OBSERVATIONS			
Liver		Necrosis	Minimal
Note: NECROSIS TGLs = 4-4			
Thymus		Necrosis	Marked
Uterus		Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 567	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Urinary Bladder	

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Gallbladder		Lymphoma Malignant Lymphocytic	
Harderian Gland		Hyperplasia	Mild
Intestine Small	Jejunum	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-12			
Liver		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 8-10			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 9-3			
Note: [LYMPH MAL LYMP] TGLs = 5-6+13			
Note: [LYMPH MAL LYMP] TGLs = 2,3-5			
Ovary		Adenoma	
		Atrophy	Moderate
		Cyst	
Note: [CYST] TGLs = 6-7			
Pancreas	Acinus	Atrophy	Mild
	Acinus	Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 567	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15248

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 1-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild
Note: [HYPERPLASIA] TGLs = 7-11			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 568	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15249

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED
Tooth

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 569	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR LESION TGLS 2,3,4-4+10+11+12			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 1-3			
Ovary		Angiectasis	Mild
		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Mild
Note: INTERSTITIAL CELLS IN THE OVARY TO ACCOUNT FOR			
Note: [ANGIECTASIS] TGLs = 5-7			
Note: OVARY - THERE MAY BE AN INCREASE IN PIGMENTED			
Note: YELLOWISH COLOR GROSSLY.			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Moderate
Note: [ANGIECTASIS] TGLs = 6-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 569	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 20 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15250

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 570	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 20 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Stomach - Forestomach	Stomach - Glandular		
OBSERVATIONS			
Lung	Alveolar Epith	Hyperplasia	Marked
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 1-10			
Ovary		Atrophy	Minimal
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 701	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Esophagus	Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Hypertrophy	Minimal
Bone		Fibrous Osteodystrophy	Mild
Harderian Gland		Adenoma	
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 2-4+10			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [ALV BRON CARC] TGLs = 3-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
		Cyst	
	Germinal Epith	Hyperplasia	Moderate
Note: [CYST] TGLs = 1-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland		Cyst	Marked
	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 701	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15042

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THYROID - THE WALL OF THE CYST IS HYPERPLASTIC
Note: [CYST] TGLs = 4-2

Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 702	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 703	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Harderian Gland	Heart	Liver
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Lung	Alveolar/Bronchiolar Adenoma	
Ovary	Atrophy	Mild
Uterus	Polyp Stromal	

Note: POLYP STROMAL TGLs = 1-8

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 704	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Harderian Gland	Heart	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Mammary Gland	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus			
OBSERVATIONS			
Liver		Degeneration	Fatty, Minimal
Ovary		Atrophy	Mild
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 705	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 570
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Harderian Gland		Adenoma	
		Hyperplasia	Minimal
Islets, Pancreatic		Adenoma	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-6			
Mesentery	Fat	Inflammation	Chronic, Moderate
	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 2-10			
Ovary		Angiectasis	Mild
		Atrophy	Moderate
	Granulosa Cell	Hyperplasia	Minimal
Note: ANGIECTASIS TGLs = 4-7			
Pancreas			
Note: PANCREAS - TGL 2 IS IN MESENTERIC FAT NOT PANCREAS.			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 705	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 570
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15046

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 1-4		
Uterus	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 706	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 544
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Histiocytic Sarcoma	
Brain		Hemorrhage	Minimal
		Histiocytic Sarcoma	
		Mineralization	Minimal
Note: HEMORRHAGE TGLs = 5-1			
Eye	Lens	Degeneration	Moderate
Note: DEGEN TGLs = 4-10			
Harderian Gland		Adenoma	
Heart		Mineralization	Minimal
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Moderate
Note: [HISTIO SARC] TGLs = 8,1-4			
Lung		Hemorrhage	Moderate
		Histiocytic Sarcoma	
Note: HEMORRHAGE TGLs = 3-3			
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 9-11+6			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 706	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 544
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15047

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Atrophy	Mild
		Cyst	
Note: CYST TGLs = 6,7-7			
Salivary Glands		Inflammation	Minimal
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: [PIGMENT] TGLs = 10-8			
Thymus		Necrosis	Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 707	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Liver		Basophilic Focus	
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 708	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 709	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Heart	Liver	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus		

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Harderian Gland		Adenoma	
Intestine Small	Jejunum, Peyers Patch	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 1-10			
Lung	Alveolar Epith	Hyperplasia	Marked
Lymph Node	Mandibular	Hyperplasia	Moderate
Ovary		Adenoma	
		Atrophy	Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 710	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Glandular
Urinary Bladder			

MISSING

Lymph Node - Mediastinal	Thymus

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Lymphoma Malignant Undifferentiated Cell Type	
Lung		Adenocarcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: PAS SPECIAL STAIN WAS POSITIVE & AIDED IN DIAGNOSIS			
Note: OF LUNG ADENOCARCINOMA.			
Note: [ADENOCARC] TGLs = 2-3+10			
Nose		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Mild
		Atrophy	Mild
		Cyst	
		Mixed Tumor Benign	
Note: [CYST] TGLs = 3,5-7			
Note: [MIXD TUMOR BGN] TGLs = 6-7			
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Lymphoma Malignant Undifferentiated Cell Type	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 710	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15051

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL UNDF] TGLs = 4-4			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: [SQ CL PAPILLOM] TGLs = 7-8			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 711	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Gallbladder		Hyperplasia	Mild
		Inflammation	Mild
Intestine Small	Duodenum	Carcinoma	Multiple
Note: [CARCINOMA] TGLs = 4,5-11			
Kidney		Nephropathy	Minimal
Liver	Biliar Tract	Hyperplasia	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Angiectasis	Marked
Note: [ANGIECTASIS] TGLs = 3-10			
Mammary Gland		Galactocele	Minimal
Ovary		Angiectasis	Moderate
		Granulosa Cell Tumor Benign	
Note: [GRANLSA TM BGN] TGLs = 1-7			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 2-4			
Thymus		Necrosis	Minimal
Thyroid Gland		Inflammation	Mild
Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 711	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15052

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 712	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Harderian Gland	Heart	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Mammary Gland	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Uterus		
OBSERVATIONS			
Liver		Clear Cell Focus	
Ovary		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 713	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Harderian Gland	Heart	Liver
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus			

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
Note: HYPERPLASIA IS IN DIAGPHRAGMATIC LOBE AND ADENOMA IS IN			
Note: IN WRONG LOBE OR NOT.			
Note: LEFT LOBE. CAN'T SAY IF GROSSLY OBSERVED LESION WAS LISTED			
Ovary		Atrophy	Moderate
		Cyst	
Note: CYST TGLs = 3,4-7			
Spleen			
Note: MAY HAVE PINCH ARTIFACT.			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 714	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 715	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 485
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Liver		Degeneration	Fatty, Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-4			
Lung	Alveolar Epith	Hyperplasia	Mild
Ovary		Atrophy	Minimal
		Cyst	
	Granulosa Cell	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-8+10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 716	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 532
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Urinary Bladder		

MISSING

Esophagus

OBSERVATIONS

Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 3-10			
Heart	Pericardium	Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: ALV BRON CARC TGLs = 2-3			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Note: ALV BRON CARC TGLs = 1-2			
Ovary		Atrophy	Mild
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 717	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Harderian Gland	Heart	Lung
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
MISSING			
Lymph Node - Bronchial	Lymph Node - Mandibular		
OBSERVATIONS			
Liver		Degeneration	Fatty, Minimal
Ovary		Atrophy	Minimal
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 718	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 649
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Esophagus
Kidney	Larynx	Liver	Lymph Node - Mandibular
Mammary Gland	Nose	Salivary Glands	Skin
Thyroid Gland	Trachea		
MISSING			
Lymph Node - Mediastinal	Parathyroid Gland		
AUTO PRECLUDES DIAG.			
Adrenal Gland - Medulla	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas	Spleen
Stomach - Forestomach	Stomach - Glandular	Urinary Bladder	
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	
	Mediastinum	Hemangiosarcoma	Metastatic (Heart)
Lymph Node	Bronchial	Hemangiosarcoma	Metastatic (Heart)
Ovary		Cyst	
		Granulosa Cell Tumor Benign	
Note: GRANLSA TM BGN TGLs = 1-10			
Thymus		Necrosis	Mild
Uterus		Angiectasis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 719	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 664
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Bronchial	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Brain		Mineralization	Minimal
Intestine Large	Cecum	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-11			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mandibular	Hyperplasia	Moderate
	Mesenteric	Hyperplasia	Moderate
Nose		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Moderate
		Cyst	
		Mixed Tumor Benign	
Note: [ANGIECTASIS] TGLs = 2-7			
Skin	Hair Follicle	Atrophy	Mild
	Subcut Tiss	Sarcoma	
Note: [ATROPHY] TGLs = 1-10			
Note: [SARCOMA] TGLs = 3-12			
Spleen		Hematopoietic Cell Proliferation	Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 719	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 664
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15060

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 720	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Mammary Gland		Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 721	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 586
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mediastinal	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
	Cortex	Hematopoietic Cell Proliferation	Mild
Bone Marrow		Hyperplasia	Moderate
Kidney		Hydronephrosis	Mild
Note: HYDRONEPHROSIS TGLs = 7-5			
Liver		Angiectasis	Mild
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
Note: ANGIECTASIS TGLs = 6-12			
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
		Alveolar/Bronchiolar Adenoma	
Note: ADENOCARC TGLs = 2,8-3			
Lymph Node	Mandibular	Hematopoietic Cell Proliferation	Mild
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 1-10			
Ovary		Atrophy	Moderate
Salivary Glands		Atrophy	Focal, Mild
		Inflammation	Mild
Skin			
Note: SMALL SQUAMOUS COMPONENT AND A + B PATTERN.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 721	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 586
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15062

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SKIN - TGL 1 IS MAMMARY TUMOR (NOT SKIN). TUMOR HAS			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 3-4			
Thymus		Necrosis	Mild
Uterus		Atrophy	Minimal
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 4-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 722	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Mediastinal	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 1-3			
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Mild
Pancreas	Acinus	Focal Cellular Change	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Uterus		Leiomyoma	
Note: [LEIOMYOMA] TGLs = 3-8			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 723	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Brain	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus	Lymph Node - Bronchial	Parathyroid Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
Bone		Hemangiosarcoma	Metastatic (Skin)
Note: STERNUM AND INVASIVE TO HUMERUS FROM SUBCUTIS.			
Note: BONE - HEMANGIOSARCOMA IS APPARENTLY METASTATIC TO			
Note: [HEMANGIOSARC] TGLs = 2-9+10			
Note: APPARENTLY METASTATIC TO LIVER.			
Bone Marrow		Hemangiosarcoma	Metastatic (Skin)
Liver		Hemangiosarcoma	Metastatic (Skin)
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
Note: [HEMANGIOSARC] TGLs = 1-11			
Note: [HEPATOCLR ADEN] TGLs = 1,3-11			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Mammary Gland		Hyperplasia	Mild
Ovary		Adenoma	
		Atrophy	Mild
Skin	Subcut Tiss	Hemangiosarcoma	Multiple
Note: SKIN - SL. 10 IS FROM LEG, ALSO A SUBCUT HEMANGIOSARC			
Note: MAY BE MULTICENTRIC EVERYWHERE			
Note: BY SKULL OF SECTION LEVEL 3. LATERAL TO HARDERIAN GLAND.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 723	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15064

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMANGIOSARC] TGLs = 2-9+10

Spleen	Hematopoietic Cell Proliferation	Mild
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 724	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 539
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Harderian Gland	Mammary Gland
Skin			

MISSING

Gallbladder	Pituitary Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Lymph Node - Mediastinal	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Brain		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Note: LYMPH MAL TGLs = 5-5			
Liver		Lymphoma Malignant	
Note: LYMPH MAL TGLs = 4-4+11			
Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Note: AUTOLYSIS COMPROMISED CELL TYPE IDENTIFICATION BUT LESION			
Note: DISTRIBUTION IS COMPATIBLE WITH A LYMPHOMA.			
Note: LYMPH MAL TGLs = 1-3			
Note: LYMPH MAL TGLs = 3-12			
Nose		Lymphoma Malignant	
Ovary		Atrophy	Mild
		Lymphoma Malignant	
Note: LYMPH MAL TGLs = 6-7			
Tissue NOS		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 724	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 539
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15065

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL TGLs = 2-10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 725	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Salivary Glands	Skin	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mediastinal	Parathyroid Gland

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Gallbladder		Inflammation	Minimal
Harderian Gland		Hyperplasia	Moderate
Liver		Degeneration	Fatty, Minimal
Mesentery	Fat	Angiectasis	Moderate
Note: [ANGIECTASIS] TGLs = 3-10			
Ovary		Adenoma	
		Cyst	
Note: [ADENOMA] TGLs = 4-7			
Note: [CYST] TGLs = 2-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Mild
Note: [HYPERPLASIA] TGLs = 5-8			
Thyroid Gland	Follicular Cel	Adenoma	
Note: [ADENOMA] TGLs = 1-2			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 725	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15066

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 726	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland	Thymus

INSUFFICIENT TISSUE

Adrenal Gland - Medulla

OBSERVATIONS

Bone	Fibrous Osteodystrophy	Mild
Bone Marrow	Hyperplasia	Mild
Kidney	Pigmentation	Hemosiderin, Mild
Liver	Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 6-4		
Lung	Alveolar/Bronchiolar Adenoma	
	Granulosa Cell Tumor Malignant	Metastatic (Ovary)
	Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 8-3		
Note: [GRANLSA TM MAL] TGLs = 9-3		
Lymph Node		
Note: LYMPH NODE - TGL5 IS IN MESENTERIC FAT NOT LYMPH NODE.		
Mammary Gland	Adenoacanthoma	
	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 7-2		
Note: [ADENOACANTHOMA] TGLs = 1-10		
Mesentery	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-6		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 726	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15067

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Moderate
		Granulosa Cell Tumor Malignant	
Note: [GRANLSA TM MAL] TGLs = 3-13			
Note: OVARY - APPARENTLY INFARCTED = MOST IS NECROTIC.			
Pancreas	Acinus	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 10-4			
Skin			
Note: SKIN - TGL 1 IS MAMMARY NOT SKIN.			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: [HEMA CELL PROL] TGLs = 2-4			
Stomach	Forestomach	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 11-8			
Uterus		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-11+12			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 727	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 670
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 2-14			
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR LESION TGLS 3,4,5-10+11+12			
Lung	Alveolar Epith	Hyperplasia	Minimal
Ovary		Atrophy	Mild
		Granulosa Cell Tumor Benign	
	Germinal Epith	Hyperplasia	Minimal
Note: SECTIONS.			
Note: OVARY - NO SIGNIFICANT OVARIAN CYST PRESENT ON THESE			
Note: [GRANLSA TM BGN] TGLs = 6-7			
Uterus		Angiectasis	Moderate
		Hyperplasia	Cystic, Mild
Note: [ANGIECTASIS] TGLs = 1-13			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 728	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Brain	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone		Fibrous Osteodystrophy	Moderate
Bone Marrow		Hyperplasia	Mild
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 6-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
Note: [ALV BRON CARC] TGLs = 1,2-3			
Mammary Gland		Adenoacanthoma	
Note: MAMMARY - TGL 3 IS NOT SKIN MASS. MORE LIKE			
Note: ADENOACANTHOMA. IS NOT ZYMBAL'S GLAND TUMOR.			
Note: [ADENOACANTHOMA] TGLs = 3-11			
Ovary		Granulosa Cell Tumor Malignant	
Note: [GRANLSA TM MAL] TGLs = 4-10			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 5-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 7-8			
Thymus		Necrosis	Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 728	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15069

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 729	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Urinary Bladder			

MISSING

Lymph Node - Bronchial

INSUFFICIENT TISSUE

Adrenal Gland - Medulla

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Heart		Cardiomyopathy	Mild
Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Necrosis	Minimal
Note: HEPATOCLR LESION TGLS 2,3-4+12			
Lung	Alveolar Epith	Hyperplasia	Marked
		Sarcoma	Metastatic (Skin)
Lymph Node	Mesenteric	Angiectasis	Mild
Ovary		Atrophy	Mild
	Germinal Epith	Hyperplasia	Moderate
Skin	Subcut Tiss	Sarcoma	
Note: [SARCOMA] TGLs = 1-10+11			
Note: TUMOR.			
Note: SUBCUT TISSUE - MASS IS PRIMARILY SPINDLE-CELL			
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 729	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15070

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Necrosis	Minimal
Trachea	Inflammation	Suppurative, Minimal
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 730	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 610
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Harderian Gland	Bilateral	Adenoma	
Note: ADENOMA TGLs = 2-9+11			
Liver		Degeneration	Fatty, Mild
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 5-10			
Note: LIVER-BETWEEN THE SOMEWHAT PERIPORTAL FATTY DEGENERATION AND			
Note: CONGESTION (NOT DIAGNOSED) THE LIVER COULD BE MOTTLED			
Note: GROSSLY.			
Note: DEGEN TGLs = 4-4			
Lung	Alveolar Epith	Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 1-11			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
	Germinal Epith	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 731	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 639
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder Intestine Small - Duodenum

INSUFFICIENT TISSUE

Urinary Bladder

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Moderate
Eye	Lens	Degeneration	Moderate
	Cornea	Hyperplasia	Mild
	Cornea	Inflammation	Chronic, Moderate
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 5-10			
Heart		Necrosis	Minimal
Mammary Gland		Hyperplasia	Minimal
Ovary		Atrophy	Moderate
		Hemangioma	
Note: [HEMANGIOMA] TGLs = 2-7			
Note: OVARY - HEMANGIOMA IS QUITE CELLULAR BUT NOT TOO MANY			
Note: FEATURES OF MALIGNANCY.			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 3-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 731	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 639
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15072

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Necrosis	Mild
Uterus	Hyperplasia	Cystic, Minimal
	Sarcoma Stromal	

Note: [SARC STROMAL] TGLs = 1-11+12

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 732	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 680
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Islets, Pancreatic

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-9+12			
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
Note: HEPATOCLR NEOPLASM TGLS 2,3-4+10+11			
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolus	Pigmentation	Hemosiderin, Minimal
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
	Germinal Epith	Hyperplasia	Mild
Salivary Glands		Inflammation	Mild
Thymus		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 732	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 680
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15073

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 733	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Hyperplasia	Moderate
Liver		Degeneration	Fatty, Moderate
		Hematopoietic Cell Proliferation	Mild
Note: [DEGEN] TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 3-3			
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-10			
Note: MAMMARY - TGL 1 IS MAMMARY, NOT SKIN.			
Ovary		Atrophy	Moderate
		Cyst	
	Germinal Epith	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach			
Note: OF FORESTOMACH EPITHELIUM THROUGH MUSCULAR WALL.			
Note: STOMACH - TGL 4 SEEMS TO BE AN ARTIFACTUAL OUT POUCHING			
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Mild
Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 733	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15074

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 734	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Esophagus	Gallbladder	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 - Mediastinal	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Larynx

OBSERVATIONS

Adrenal Gland	Medulla	Cyst	
	Cortex	Hypertrophy	Minimal
[Cyst TGLS = 3-7]			
Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Pigmentation	Hemosiderin, Moderate
Liver		Eosinophilic Focus	
Lung		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 2-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
	Bronchial	Inflammation	Minimal
Mammary Gland		Hyperplasia	Mild
Ovary		Atrophy	Moderate
		Cyst	
		Granulosa Cell Tumor Malignant	
Note: OVARY - THE GRANULOSA CELL TUMOR HAS A VERY LARGE			
Note: CENTRAL AREA OF HEMORRHAGE AND THROMBOSIS.			
Note: [GRANLSA TM MAL] TGLs = 1-10+11			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 734	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15075

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Hyperplasia	Lymphoid, Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 735	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 736	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mediastinal	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
[Cyst TGLS = 4-7]			
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-13			
Heart	Endothelium	Hyperplasia	Mild
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 8-14			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: LUNG - A SMALL A/B ADENOMA IN LEFT LOBE PROBABLY			
Note: [ALV BRON ADEN] TGLs = 11-3			
Note: DOESN'T ACCOUNT FOR TGL 10 (2 SECTIONS MADE).			
Lymph Node	Mandibular	Hyperplasia	Marked
	Mesenteric	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 2-7			
Mesentery	Fat	Angiectasis	Minimal
Note: [ANGIECTASIS] TGLs = 9-12			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Marked
		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 736	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15077

ORGAN AND ACCOUNTABLE SITE STATUS

	Germinal Epith	Hyperplasia	Minimal
Note: [ANGIECTASIS] TGLs = 6-10+15			
Skin	Hair Follicle	Atrophy	Minimal
Note: [ATROPHY] TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 5-4			
Thymus		Necrosis	Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hemorrhage	Mild
		Hyperplasia	Cystic, Minimal
Note: [HEMORRHAGE] TGLs = 7-16			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 737	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 546
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Perivascular	Inflammation	Mild
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1,2-10+11			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 3-3			
Mesentery	Fat	Inflammation	Chronic, Moderate
	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 4-12			
Ovary		Atrophy	Moderate
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 738	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 418
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Mammary Gland	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Intestine Small	Duodenum	Leiomyosarcoma	
Larynx		Inflammation	Mild
Note: LARYNX - PMN'S.			
Liver		Leiomyosarcoma	Metastatic (Intestine Small)
		Necrosis	Minimal
Note: LEIOMYOSAR TGLs = 5-4			
Lung		Hemorrhage	Mild
		Inflammation	Suppurative, Minimal
Note: HEMORRHAGE TGLs = 7-3			
Lymph Node	Mediastinal	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Leiomyosarcoma	Metastatic (Intestine Small)
Note: LEIOMYOSAR TGLs = 4-6+11			
Mesentery	Fat	Leiomyosarcoma	Metastatic (Intestine Small)
Note: LEIOMYOSAR TGLs = 1-7+10			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Ovary		Leiomyosarcoma	Metastatic (Intestine Small)
Pancreas	Acinus	Leiomyosarcoma	Metastatic (Intestine Small)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 738	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 418
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15079

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEIOMYOSAR TGLs = 3-4+6+11			
Skeletal Muscle	Diaphragm	Leiomyosarcoma	Metastatic (Intestine Small)
Note: LEIOMYOSAR TGLs = 6-12			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 2-4			
Thymus		Necrosis	Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: DUODENUM. DIFFERENTIAL DIAGNOSIS IS MALIGNANT
Animal Note: SCHWANNOMA, RHABDOMYOSARCOMA, OR OTHER SPINDLE CELL TUMOR.
Animal Note: TUMOR APPEARS TO BE LEIOSARCOMA POSSIBLY ORIGINATING FROM

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 739	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Harderian Gland	Heart	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus			
MISSING			
Lymph Node - Mediastinal			
OBSERVATIONS			
Ovary		Atrophy	Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 740	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Moderate
	Medulla	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Moderate
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Intestine Small	Duodenum	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 5-11			
Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 2-4+13+14			
Note: [EOSIN FOCUS] TGLs = 6,7-13+14			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 8-3			
Lymph Node	Mandibular	Hematopoietic Cell Proliferation	Mild
	Mediastinal	Hematopoietic Cell Proliferation	Moderate
	Mesenteric	Lymphoma Malignant Mixed	
Note: [HEMA CELL PROL] TGLs = 9-7			
Note: [LYMPH MAL MIXD] TGLs = 3-15			
Mammary Gland		Adenoacanthoma	
Note: [ADENOACANTHOMA] TGLs = 4-10+12			
Note: MAMMARY GLAND - TGL 4 IS IN MAMMARY TISSUE. NOT			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 740	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15081

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CONSIDERED SKIN.			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Moderate
		Cyst	
	Germinal Epith	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Saliv Glands			
Note: TISSUE, NOT A LESION.			
Note: SALIVARY GLAND - TGL 10 ON SLIDE 16 IS NORMAL SEROUS			
Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant Mixed	
Note: [HEMA CELL PROL] TGLs = 1-4			
Note: [LYMPH MAL MIXD] TGLs = 1-4			
Thyroid Gland		Inflammation	Mild
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 741	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 485
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Ovary		Atrophy	Moderate
	Granulosa Cell	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Minimal
Vagina		Leiomyosarcoma	

Note: LEIOMYOSAR TGLs = 1-10
Note: VAGINA - TGL 1 MAY BE IN UTERINE CERVIX.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 742	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Harderian Gland	Heart	Liver
Lung	Lymph Node - Mesenteric	Mammary Gland	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal

OBSERVATIONS

Ovary	Atrophy	Mild
	Granulosa Cell Tumor Benign	
Uterus	Angiectasis	Minimal
	Hyperplasia	Cystic, Mild

Note: ANGIECTASIS TGLs = 1-8

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 743	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 744	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 407
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 11,12-5			
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 10-4			
Lung		Hemorrhage	Mild
		Inflammation	Granulomatous, Focal, Mild
		Lymphoma Malignant Lymphocytic	
Note: HEMORRHAGE TGLs = 6-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 9,14-12			
Note: LYMPH MAL LYMP TGLs = 4-10			
Note: LYMPH MAL LYMP TGLs = 1-7			
Note: LYMPH MAL LYMP TGLs = 13-13			
Note: LYMPH MAL LYMP TGLs = 5-2+3			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 744	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 407
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15085

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Lymphoma Malignant Lymphocytic	
Ovary		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 7,15-7			
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-4+11			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Lymphoma Malignant Lymphocytic	
Note: HYPERPLASIA TGLs = 16-8			
Note: LYMPH MAL LYMP TGLs = 8-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-10			
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 745	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 746	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 392
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mediastinal
Nose	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW APPEARS GRANULOCYTIC.			
Heart	Endothelium	Hyperplasia	Mild
Liver			
Note: NO OBVIOUS REASON FOR PALENESS NOTES AT NECROPSY.			
Lymph Node	Mandibular	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mandibular	Hyperplasia	Mild
Mammary Gland		Adenocarcinoma	
Note: TGL 1 IS MAMMARY NOT SKIN TUMOR.			
Note: ADENOCARC TGLs = 1-10			
Ovary		Atrophy	Mild
Pancreas	Acinus	Focal Cellular Change	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-4			
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 747	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 608
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Liver	Hematopoietic Cell Proliferation	Minimal
Lung	Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 3-3		
Mammary Gland	Adenocarcinoma	
Note: MAMMARY-TUMOR IS TINY & HAS SMALL SQUAMOUS COMPONENT.		
Ovary	Atrophy	Moderate
	Granulosa Cell Tumor Benign	
Note: OVARY-LARGE BLOOD-FILLED SPACES, SOME LINED WITH CUBOIDAL TO		
Note: COLUMNAR CELLS SO HARD TO CALL HEMANGIOMA. MANY GRANULOSA		
Note: GRANLSA TM BGN TGLs = 1-10		
Note: CELLS IN SOME INTERSTITIAL SPACES. MAY HAVE BEEN COD.		
Salivary Glands	Inflammation	Minimal
Spleen	Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 2-4		
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 748	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 443
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
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

Brain		Mineralization	Minimal
Liver	Centrilobular	Degeneration	Fatty, Mild
	Centrilobular	Necrosis	Minimal
Note: DEGEN TGLs = 2-4			
Lung	Alveolar Epith	Hyperplasia	Mild
Ovary		Angiectasis	Minimal
		Atrophy	Mild
		Cyst	
Note: CYST TGLs = 4-7			
Note: MUCH BLOOD IN CYST. CHANCE THAT IT CONTRIBUTED TO MORBUNDITY			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 3-4			
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 5-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 749	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Bone Marrow		Angiectasis	Mild
		Fibrosis	Mild
Gallbladder		Hyperplasia	Mild
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-10			
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASM TGLS 1,4-4+11			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [HEPATOCLR CARC] TGLs = 2-3			
Note: [ALV BRON CARC] TGLs = 2-3			
Lymph Node	Bronchial	Hyperplasia	Mild
	Mediastinal	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 749	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15090

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 750	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Parathyroid Gland	Thymus

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 3-12			
Lung	Mediastinum	Adenocarcinoma	Metastatic (Lung)
		Adenocarcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Marked
Note: THERE IS A DISTINCT FOCUS OF MUCUS CELL DIFFERENTIATION.			
Note: PAS SPECIAL STAIN WAS POSITIVE AND AIDED IN MUCUS CELL			
Note: LUNG - WHILE MOST OF TUMOR HAS TYPICAL A/B PATTERN			
Note: [INFILTRAT CELL] TGLs = 2-3			
Note: [ADENOCARC] TGLs = 1-3+10			
Note: [ADENOCARC] TGLs = 5,6-3+4+11			
Note: IDENTIFICATION.			
Lymph Node	Mediastinal	Hyperplasia	Mild
Note: CAVITY MASS.			
Note: LYMPH NODE - TGL 5 PROBABLY IS PART OF THORACIC			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 750	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15091

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Minimal
		Atrophy	Moderate
Skin	Subcut Tiss	Sarcoma	
Note: LOOKS LIKE FIBROSARCOMA, NEUROFIBROSARCOMA AND IN AREAS			
Note: IN THAT IT IS PLEOMORPHIC BUT THIS ONE IS LESS CELLULAR.			
Note: LIKE A MYXOMA.			
Note: [SARCOMA] TGLs = 4-13			
Note: SKIN - MAMMARY TISSUE MAY BE TRAPPED OR THIS MAY BE			
Note: MAMMARY SARCOMA, CAN'T TELL. SIMILAR TO OTHER SARCOMAS			
Spleen		Hematopoietic Cell Proliferation	Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 751	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus	Thymus

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Harderian Gland		Adenoma	
Liver		Eosinophilic Focus	Minimal
Ovary		Angiectasis	Mild
		Atrophy	Mild
	Germinal Epith	Hyperplasia	Moderate
Note: OVARY - INCREASE IN INTERSTITIAL CELLS TOO.			
Note: [ANGIECTASIS] TGLs = 2-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Subcut Tiss	Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 5-11			
Note: SKIN - RECHECKED WET TISSUE AND FOUND RIGHT SHOULDER MASS.			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: STOMACH - EARLY INVASIVE LESION.			
Note: [SQUAM CEL CARC] TGLs = 4-8			
Tongue		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 1-10			
Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 751	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15092

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 3-8

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 752	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Mild
Mammary Gland		Adenocarcinoma	
Note: MAMMARY- TGL1 IS MAMMARY NOT SKIN			
Note: ADENOCARC TGLs = 1-10			
Ovary		Atrophy	Moderate
		Cyst	
	Germinal Epith	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Minimal
Uterus		Thrombosis	Mild
Note: THROMBUS TGLs = 2-8			
Vagina		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 3-11			
Note: VAGINA- SQUAMOUS CELL CARCINOMA IS NOT VERY AGGRESSIVE.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 753	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
[Cyst TGLS = 11-7]			
Brain		Lymphoma Malignant Lymphocytic	
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 5-12			
Heart		Cardiomyopathy	Mild
		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	
		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Note: [HEPATOCLR CARC] TGLs = 6-4			
Note: [LYMPH MAL LYMP] TGLs = 7-4			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Hematopoietic Cell Proliferation	Marked
	Mediastinal	Hematopoietic Cell Proliferation	Marked
	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-2+13			
Note: [HEMA CELL PROL] TGLs = 4-2+13			
Mammary Gland		Adenoacanthoma	
Note: [ADENOACANTHOMA] TGLs = 2-10+11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 753	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15094

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
Note: [ANGIECTASIS] TGLs = 12-8			
Skin			
Note: SKIN - TGL 2 IS IN MAMMARY TISSUE NOT SKIN.			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: [HEMA CELL PROL] TGLs = 10-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Thymus		Infiltration Cellular	Mixed Cell, Marked
		Lymphoma Malignant Lymphocytic	
Note: IS THYMUS OR MEDIASTINAL LYMPHNODE.			
Note: THYMUS - HARD TO IDENTIFY WHETHER SLIDE 2 OR 13 IS			
Thyroid Gland		Cyst	
Uterus		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 9-14			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 754	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 594
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Heart	Endothelium	Hyperplasia	Marked
Liver		Hematopoietic Cell Proliferation	Moderate
Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 3-3			
Note: [ALV BRON CARC] TGLs = 2-3			
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1,7-10			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
		Hemangioma	
	Germinal Epith	Hyperplasia	Minimal
Note: [HEMANGIOMA] TGLs = 5-7			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Skin			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 754	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 594
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15095

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SKIN - TGL 1 IS MAMMARY TISSUE NOT SKIN.		
Spleen	Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 6-4		
Thymus	Necrosis	Mild
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 755	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 579
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
Bone Marrow		Hyperplasia	Moderate
Gallbladder		Hyperplasia	Minimal
Heart	Endothelium	Hyperplasia	Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 4-12			
Mammary Gland		Adenoacanthoma	
Note: ADENOACANTHOMA TGLs = 1-10			
Note: MAMMARY - TGL 1 IS MAMMARY TUMOR NOT SKIN.			
Ovary		Angiectasis	Minimal
		Atrophy	Moderate
		Cyst	
Note: OVARY - TGL 2, SL. 11 HAS NO OVARIAN TISSUE PRESENT			
Note: FROM A CYSTIC OVARY.			
Note: CYST TGLs = 2-11			
Note: BUT IS LARGE BLOOD FILLED THROMBUS & UNDOUBTABLY CAME			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-4			
Trachea		Inflammation	Suppurative, Minimal
Uterus		Angiectasis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 755	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 579
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15096

ORGAN AND ACCOUNTABLE SITE STATUS

	Hyperplasia	Cystic, Minimal
Note: ANGIECTASIS TGLs = 5-8		
PRIMARY CAUSE OF DEATH -		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 756	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 757	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 597
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lung
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Necrosis	Mild
Kidney		Nephropathy	Mild
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Hyperplasia	Moderate
	Mediastinal	Hyperplasia	Mild
	Bronchial	Sarcoma	Metastatic (Skin)
Note: ANGIECTASIS TGLs = 4-6			
Mesentery	Fat	Sarcoma	Metastatic (Skin)
Note: SARCOMA TGLs = 1,3,5-11+12			
Ovary		Atrophy	Moderate
		Cyst	
Pancreas	Acinus	Sarcoma	Metastatic (Skin)
Skin	Subcut Tiss	Sarcoma	
Note: APPEARS TO HAVE INVADED THE ABDOMINAL CAVITY WHERE IT HAS			
Note: REST IS ANAPLASTIC WITH NO PARTICULAR PATTERN. THE SARCOMA			
Note: INFILTRATED THE FAT, PANCREAS AND SOME LYMPH NODES.			
Note: SARCOMA TGLs = 2-10			
Note: SKIN-ONE AREA OF TUMOR LOOKS LIKE NEUROFIBROSARCOMA, BUT THE			
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 757	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 597
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15098

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Cyst	
Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 758	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 443
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Brain		Mineralization	Minimal
Liver		Angiectasis	Mild
		Hematopoietic Cell Proliferation	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Carcinoma	Metastatic (Ovary)
Lymph Node	Bronchial	Carcinoma	Metastatic (Ovary)
	Mediastinal	Carcinoma	Metastatic (Ovary)
	Mesenteric	Carcinoma	Metastatic (Ovary)
Ovary		Angiectasis	Minimal
		Atrophy	Mild
		Carcinoma	
Note: LACK OF APPARENT OTHER PRIMARY SITE OVARY WAS DESIGNATED			
Note: DYSGERMINOMA & OTHER....			
Note: CAN'T SEE OVARY IN TUMOR, BUT FROM GROSS DESCRIPTION AND			
Note: CARCINOMA TGLs = 1-10+11			
Note: LOOK SARCOMATOUS. DIFFERENTIAL MAY INCLUDE CHORIOCARCINOMA,			
Note: PRIMARY. PRIMARILY CARCINOMA-LIKE BUT HAS SOME AREAS THAT			
Pancreas	Acinus	Carcinoma	Metastatic (Ovary)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 758	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 443
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15099

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PANCREAS. NO DUODENUM ON SLIDE 12.			
Note: COULDN'T IDENTIFY LYMPHNODE WITH CERTAINTY CALLED IT IN			
Note: TGL 2 IS IN MESENTERIC LYMPHNODE BY OR IN PANCREAS. SINCE			
Note: CARCINOMA TGLs = 2-12			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 3-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal
Thymus		Necrosis	Minimal
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 759	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Adrenal Gland - Medulla

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Liver	Biliar Tract	Cyst	
		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 4-10			
Note: [CYST] TGLs = 2-11			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 3-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Ovary		Angiectasis	Moderate
		Atrophy	Moderate
		Cyst	
		Luteoma	
Note: [CYST] TGLs = 1-7			
Note: AND CUBOIDAL EPITH. THAT HAS FOAMY CYTOPLASM. WALL OF			
Note: CYST HAS FOCI OF LUTENIZED THECAL CELLS.			
Note: OVARY - CYST WALL COVERED BY TALL COLUMNAR EPITH.			
Spleen		Hyperplasia	Lymphoid, Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 759	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15100

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Hyperplasia	Cystic, Marked
Note: [HYPERPLASIA] TGLs = 5-8+12		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 760	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Lung	Ovary	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 761	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 524
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach - Forestomach
Thyroid Gland	Urinary Bladder		

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
Bone		Fibrous Osteodystrophy	Minimal
Heart	Fat, Pericardium	Necrosis	Moderate
Note: NECROSIS TGLs = 8-12			
Liver		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 9-10			
Ovary		Angiectasis	Marked
		Atrophy	Moderate
		Histiocytic Sarcoma	
Note: [ANGIECTASIS] TGLs = 3-7			
Skin	Hair Follicle	Atrophy	Moderate
	Subcut Tiss	Hemorrhage	Mild
Note: ATROPHY TGLs = 1-11			
Note: HEMORRHAGE TGLs = 2-11			
Spleen		Histiocytic Sarcoma	
Stomach	Glandular	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 761	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 524
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15102

ORGAN AND ACCOUNTABLE SITE STATUS

	Glandular	Ulcer	Mild
Note: PIGMENT TGLs = 10-8			
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Cyst	
		Hyperplasia	Cystic, Minimal
Note: UTERUS - CYST (TGL 4) SEEMS TO BE IN MESENTERIC			
Note: ATTACHMENT.			
Note: CYST TGLs = 4-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 762	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Harderian Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 6-9			
Kidney	Renal Tubule	Hyperplasia	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 4-4			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Focal, Mild
	Alveolus	Pigmentation	Hemosiderin, Mild
Mammary Gland		Adenoacanthoma	
Note: [ADENOACANTHOMA] TGLs = 1-10			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Subcut Tiss	Hemangioma	
	Subcut Tiss	Sarcoma	

Note: OR MUSCLE PERIOD. PTAH IS NEGATIVE FOR STRIATIONS.
Note: SKIN - MASON'S IS PRIMARILY POSITIVE FOR SMOOTH MUSCLE
Note: FIBROSARCOMA.
Note: IS MAMMARY NOT SKIN. SKIN SARCOMA NOS HAS DIFFERENTIAL

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 762	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15103

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMANGIOMA] TGLs = 5-12		
Note: [SARCOMA] TGLs = 2-11		
Note: SKIN =TGL 5 IS FAT FROM SUBCUTIS, NOT MESENTERY. TGL 1		
Note: DIAGNOSIS OF LEIOMYOSARCOMA, NEUROFIBROSARCOMA OR		
Spleen	Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 3-4		
Thymus	Hyperplasia	Lymphoid, Marked
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 763	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 387
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Blood Vessel		Mineralization	Moderate
Note: GREAT VESSELS OF HEART, LUNG VESSELS, ALVEOLAR SEPTAE,			
Note: TINY FOCUS IN GLANDULAR STOMACH ARE MINERALIZED.			
Kidney	Renal Tubule	Degeneration	Mild
		Hydronephrosis	Minimal
	Renal Tubule	Mineralization	Mild
Note: HYDRONEPHROSIS TGLs = 2-5			
Ovary		Atrophy	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular	Mineralization	Minimal
	Forestomach	Ulcer	Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 764	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: 62.5 PPM	**DISP:** Dead	**HISTO:** 15105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Harderian Gland	Heart	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea		

MISSING

Gallbladder	Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland
Pituitary Gland			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Urinary Bladder	

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Brain	Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 4-1		
Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
Note: HEPATOCLR NEOPLASM TGLS 2,3-10+11		
Lung	Alveolar/Bronchiolar Adenoma	
	Hepatocellular Carcinoma	Metastatic (Liver)
Note: [ALV BRON ADEN] TGLs = 1-3		
Ovary	Atrophy	Mild
Uterus	Angiectasis	Marked
Note: [ANGIECTASIS] TGLs = 5-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 765	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Mammary Gland
Nose	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Brain		Hemorrhage	Minimal
		Histiocytic Sarcoma	
Heart		Histiocytic Sarcoma	
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 9-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-3			
Note: [ALV BRON ADEN] TGLs = 3,10-3			
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-3+2+6			
Mesentery	Fat	Angiectasis	Moderate
Note: [ANGIECTASIS] TGLs = 4-11			
Ovary		Cyst	
		Granulosa Cell Tumor Benign	
		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 765	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 62.5 PPM	**DISP:** Moribund	**HISTO:** 15106

ORGAN AND ACCOUNTABLE SITE STATUS

	Germinal Epith	Hyperplasia	Moderate
Note: [HISTIO SARC] TGLs = 5-7			
Pancreas	Acinus	Focal Cellular Change	Minimal
	Acinus	Hemangioma	
	Acinus	Histiocytic Sarcoma	
Note: [HEMANGIOMA] TGLs = 8-12			
Spleen		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7,11-4+10			
Thymus		Necrosis	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Angiectasis	Marked
		Hyperplasia	Cystic, Mild
Note: [ANGIECTASIS] TGLs = 6-13			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 766	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Harderian Gland	Heart	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Skin	Spleen
Stomach - Glandular	Thymus		

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

OBSERVATIONS

Liver		Degeneration	Fatty, Minimal
Note: NO FOCUS (TGL 2) SEEN ON RECUT.			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: ALV BRON ADEN TGLs = 4-3			
Ovary		Atrophy	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 3-11			
Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 5-10			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 767	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 62.5 PPM	**DISP:** Interval Sacrifice	**HISTO:** 15108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Harderian Gland	Heart	Lung
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

OBSERVATIONS

Liver	Basophilic Focus	
	Degeneration	Fatty, Minimal
	Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-4		
Ovary	Cyst	
Note: CYST TGLs = 1-7		
Uterus	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 768	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Larynx

OBSERVATIONS

Brain		Mineralization	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 3-4			
Lung	Alveolar Epith	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 4-3			
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Uterus	Cervix	Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 2-10			
Vagina		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 769	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	
Note: [HEMANGIOSARC] TGLs = 6-12			
Note: HEPATOCLR TGLS 5-7-4+11			
Lymph Node	Mesenteric	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 4-10			
Ovary		Angiectasis	Marked
		Atrophy	Moderate
		Cyst	
Note: [CYST] TGLs = 2-7			
Note: [ANGIECTASIS] TGLs = 1-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland		Cyst	
	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 769	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15110

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Adenocarcinoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 770	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 62.5 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 15111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone		Fibrous Osteodystrophy	Mild
Liver		Angiectasis	Marked
		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 2,3,5-4+10+11			
Lung			
Note: LUNG - NO TGL 4 ON RECUT.			
Lymph Node	Mesenteric	Hyperplasia	Mild
Ovary		Atrophy	Moderate
		Granulosa Cell Tumor Benign	
Note: [GRANLSA TM BGN] TGLs = 1-7			
Spleen		Hematopoietic Cell Proliferation	Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 901	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular

INSUFFICIENT TISSUE

Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Histiocytic Sarcoma	
Brain		Hemorrhage	Minimal
Heart	Endothelium	Hyperplasia	Mild
Intestine Small	Duodenum	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7-11			
Kidney		Histiocytic Sarcoma	
Liver		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
		Necrosis	Mild
Note: HEPATOCLR CARC TGLs = 4-4			
Lung		Hemorrhage	Moderate
		Hepatocellular Carcinoma	Metastatic (Liver)
		Histiocytic Sarcoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolus	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 901	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14902

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEPATOCLR CARC TGLs = 8,9,10-3			
Note: HEMORRHAGE TGLs = 1,2-3			
Lymph Node	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6-6			
Mammary Gland		Adenocarcinoma	
Note: MAMMARY-TGL5 IS MAMMARY NOT SKIN. LARGE AREAS OF TYPE A			
Note: PATTERN WITH SOME TYPE B AND SQUAMOUS DIFFERENTIATION			
Note: ADENOCARC TGLs = 5-10			
Ovary		Angiectasis	Moderate
		Atrophy	Mild
		Histiocytic Sarcoma	
	Germinal Epith	Hyperplasia	Mild
		Mixed Tumor Benign	
Note: ANGIECTASIS TGLs = 3-7			
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 902	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Lung	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus			
MISSING			
Lymph Node - Bronchial			
OBSERVATIONS			
Lymph Node	Mandibular	Hyperplasia	Moderate
Ovary		Atrophy	Moderate
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 903	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 502
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

INSUFFICIENT TISSUE

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Moderate
Liver		Hematopoietic Cell Proliferation	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 2-10+12			
Note: MAMMARY GL. - TGL 2 IS MAMMARY NOT SKIN.			
Ovary		Angiectasis	Minimal
		Atrophy	Mild
	Granulosa Cell	Hyperplasia	Mild
Note: ANGIECTASIS TGLs = 3-7			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 1-4+11			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 4-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 904	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Harderian Gland		Adenoma	
Liver		Degeneration	Fatty, Minimal
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 1-4			
Lung	Alveolar Epith	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 3-3			
Note: LESION IN RIGHT LOBES, PERHAPS MISWROTE LEFT AND RIGHT.			
Ovary		Angiectasis	Moderate
		Atrophy	Moderate
	Granulosa Cell	Hyperplasia	Mild
Note: [ANGIECTASIS] TGLs = 2-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 905	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

OBSERVATIONS

Heart	Endothelium	Hyperplasia	Moderate
Lung	Alveolar Epith	Hyperplasia	Minimal
Ovary		Atrophy	Moderate
		Cyst	
		Granulosa Cell Tumor Benign	
Note: CYST TGLs = 1-7			
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 906	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 460
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial

AUTO PRECLUDES DIAG.

Gallbladder Intestine Small - Jejunum

OBSERVATIONS

Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Mammary Gland		Adenocarcinoma	
Note: MAMMARY- "SKIN TUMOR" (TGL 1) IS MAMMARY TUMOR = SOLID TUMOR			
Note: ADENOCARC TGLs = 1-10			
Note: WITH ROUND CELLS AND LITTLE ACINUS FORMATION.			
Ovary		Atrophy	Moderate
		Mixed Tumor Benign	
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thymus		Necrosis	Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 907	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 393
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Stomach - Glandular

OBSERVATIONS

Adrenal Gland	Cortex	Leiomyosarcoma	Metastatic (Stomach)
	Medulla	Leiomyosarcoma	Metastatic (Stomach)
Bone Marrow		Hyperplasia	Moderate
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Intestine Small	Ileum	Leiomyosarcoma	Metastatic (Stomach)
	Jejunum	Leiomyosarcoma	Metastatic (Stomach)
Note: LEIOMYOSAR TGLs = 10-6			
Kidney		Leiomyosarcoma	Metastatic (Stomach)
Liver		Leiomyosarcoma	Metastatic (Stomach)
		Necrosis	Mild
Note: LEIOMYOSAR TGLs = 7-4			
Lung		Hemorrhage	Mild
Lymph Node	Mediastinal	Hyperplasia	Mild
	Mesenteric	Leiomyosarcoma	Metastatic (Stomach)
	Pancreatic	Leiomyosarcoma	Metastatic (Stomach)
Note: LEIOMYOSAR TGLs = 9-4			
Note: LEIOMYOSAR TGLs = 6-11			
Mesentery	Fat	Leiomyosarcoma	Metastatic (Stomach)
Note: LEIOMYOSAR TGLs = 5-12			
Ovary		Cyst	
		Granulosa Cell Tumor Benign	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 907	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 393
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14908

ORGAN AND ACCOUNTABLE SITE STATUS

		Leiomyosarcoma	Metastatic (Stomach)
Note: GRANLSA TM BGN TGLs = 1-7			
Note: CYST TGLs = 2-7			
Pancreas	Acinus	Leiomyosarcoma	Metastatic (Stomach)
Skin		Leiomyosarcoma	Metastatic (Stomach)
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 4-4			
Stomach	Forestomach	Leiomyosarcoma	
Note: LEIOMYOSARCOMA PRESUMED PRIMARY TO STOMACH.			
Note: LEIOMYOSAR TGLs = 3-10			
Thymus		Necrosis	Mild
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 908	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 471
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mediastinal	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric	Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 3-10			
Liver		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Minimal
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 2-11			
Ovary		Atrophy	Moderate
		Cyst	
	Germinal Epith	Hyperplasia	Moderate
Skin			
Note: SKIN-TGL2 IS MAMMARY TUMOR NOT SKIN			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 4-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 909	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW APPEARS GRANULOCYTIC.			
Lung	Alveolar Epith	Hyperplasia	Mild
Mammary Gland		Adenocarcinoma	
Note: CLOSE TO EACH OTHER.			
Note: TGL 1 IS MAMMARY, NOT SKIN. 2 TINY BUT MALIGNANT FOCI			
Note: ADENOCARC TGLs = 1-10			
Ovary		Granulosa Cell Tumor Benign	
Note: GRANLSA TM BGN TGLs = 2-7			
Thymus		Hyperplasia	Lymphoid, Moderate
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 910	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 485
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Urinary Bladder	

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Eye	Cornea	Hyperplasia	Moderate
	Cornea	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-10			
Harderian Gland		Adenoma	
		Hyperplasia	Minimal
Note: ADENOMA TGLs = 2-10			
Heart		Hemangiosarcoma	
Liver		Necrosis	Minimal
Note: NECROSIS TGLs = 6-4			
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 7-11			
Mesentery	Fat	Inflammation	Chronic, Moderate
	Fat	Necrosis	Mild
Note: INFLAMMATION TGLs = 4-12			
Note: NECROSIS TGLs = 3,4-4+12			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Minimal
Pancreas			
Note: PANCREAS - TGL 3 IS IN FAT CLOSE TO PANCREAS.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 910	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 485
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14911

ORGAN AND ACCOUNTABLE SITE STATUS

Skin			
Note: SKIN - TGL 7 IS MAMMARY TISSUE NOT SKIN.			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Thymus		Necrosis	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal
Uterus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 911	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Liver		Basophilic Focus	
		Degeneration	Fatty, Minimal
		Pigmentation	Bile, Minimal
Note: PRESUMED BILE PIGMENT SINCE NOT GRANULATED SIMILAR TO			
Note: HEMOSIDERIN.			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 1-3			
Lymph Node	Mesenteric	Hyperplasia	Marked
Ovary		Atrophy	Mild
		Mixed Tumor Benign	
Pancreas	Acinus	Focal Cellular Change	Minimal
Stomach	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 2-8			
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 912	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus		
MISSING			
Lymph Node - Mediastinal			
OBSERVATIONS			
Liver		Basophilic Focus	
Ovary		Atrophy	Moderate
Uterus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 913	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 454
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
Bone Marrow		Hyperplasia	Marked
Note: BONE MARROW IS GRANULOCYTIC.			
Heart	Endothelium	Hyperplasia	Mild
Kidney		Metaplasia	Osseous, Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
Lung		Infiltration Cellular	Mixed Cell, Mild
Mammary Gland		Adenoacanthoma	
Note: TGL 2 IS MAMMARY, NOT SKIN TUMOR.			
Note: ADENOACANTHOMA TGLs = 2-11+12			
Ovary	Bilateral	Granulosa Cell Tumor Benign	
Note: GRANLSA TM BGN TGLs = 3-7			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 1-4+10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 914	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 629
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Urinary Bladder

MISSING

Parathyroid Gland	Thymus

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
		Hyperplasia	Minimal
Note: ADENOMA TGLs = 8-12			
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1,2-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Necrosis	Moderate
Note: HEMANGIOSARC TGLs = 6-4+10+11			
Note: HEPATOCLR CARC TGLs = 7-10+11			
Note: HEPATOCLR ADEN TGLs = 7-4+10+11			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Minimal
Note: HEMANGIOSARC TGLs = 3-3			
Note: ALV BRON ADEN TGLs = 4,5-3			
Mammary Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 914	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 629
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14915

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary	Atrophy	Moderate
Spleen	Hematopoietic Cell Proliferation	Mild
Trachea	Inflammation	Suppurative, Minimal
Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 915	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 463
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Bronchial

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Harderian Gland		Hyperplasia	Minimal
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1,2-10			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Necrosis	Mild
Note: HEMANGIOSARC TGLs = 6-4			
Lung		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 3-3			
Ovary		Angiectasis	Mild
		Atrophy	Moderate
		Cyst	
	Granulosa Cell	Hyperplasia	Mild
Note: OVARY-CYST IS BLOOD FILLED			
Note: CYST TGLs = 4-7			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA TGLs = 5-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 915	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 463
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14916

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Necrosis	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 916	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 513
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Nose
Parathyroid Gland	Pituitary Gland	Skin	Thyroid Gland
Trachea			

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 8-9			
Heart		Hemangiosarcoma	
		Mineralization	Minimal
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-11			
Note: LYMPH MAL LYMP TGLs = 9-6			
Note: LYMPH MAL LYMP TGLs = 6-12			
Note: LYMPH MAL LYMP TGLs = 4-3			
Note: LYMPH MAL LYMP TGLs = 1-7			
Note: LYMPH MAL LYMP TGLs = 5-2			
Mammary Gland		Adenoacanthoma	
Note: ADENOACANTHOMA TGLs = 2-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 916	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 513
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14917

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Minimal
		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-4+10			
Stomach	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 7-8			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 917	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 371
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Brain		Hemangiosarcoma	Metastatic (Heart)
		Necrosis	Minimal
Note: ONE FOCUS.			
Note: NOT BE ASSOCIATED WITH TUMOR EMBOLI. SOME GITTER CELLS IN			
Note: FOCAL AREAS OF NECROSIS AND CELL DROP OUT MAY OR MAY NOT			
Note: HEMANGIOSARC TGLs = 8-1			
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2,3,4-4			
Kidney		Hemangiosarcoma	Metastatic (Heart)
Note: TUMOR EMBOLI IN VESSELS AND GLOMERULI.			
Lung		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 5-3			
Mesentery	Fat	Hemangiosarcoma	Metastatic (Heart)
	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 6-11			
Note: HEMANGIOSARC TGLs = 1-10			
Ovary		Atrophy	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Ulcer	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 917	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 371
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14918

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 9-8

Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 918	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 597
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Harderian Gland	Bilateral	Adenoma	
Kidney		Hydronephrosis	Mild
Note: HYDRONEPHROSIS TGLs = 6-5			
Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 5,3-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: IDENTIFYING IT AS AN ADENOCARCINOMA.			
Note: A PAS SPECIAL STAIN IS NEGATIVE & OF NO HELP IN			
Note: ALV BRON CARC TGLs = 1,2-3			
Ovary	Germinal Epith	Hyperplasia	Moderate
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 4-10			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thyroid Gland		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 919	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus		
MISSING			
Lymph Node - Mediastinal			
OBSERVATIONS			
Ovary		Atrophy	Moderate
Uterus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 920	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

OBSERVATIONS

Harderian Gland			Adenoma	
Heart			Hemangiosarcoma	
Note: HEMANGIOSARC	TGLs = 3-4			
Liver			Hemangiosarcoma	Metastatic (Heart)
			Necrosis	Mild
Note: HEMANGIOSARC	TGLs = 2-4			
Lung			Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC	TGLs = 1-3			
Ovary			Atrophy	Moderate
Spleen			Hematopoietic Cell Proliferation	Moderate
Stomach		Epithelium, Forestomach	Hyperplasia	Mild
Thymus			Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 921	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 597
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Brain	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Pancreas	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 5-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 4-3			
Mammary Gland		Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
		Mixed Tumor Benign	
Note: MIXD TUMOR BGN TGLs = 3-7			
Skin		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 1-10			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Mild
Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 921	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 597
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14922

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 922	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Gallbladder
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
	Medulla	Pheochromocytoma Benign	
Note: ADRENAL - MEDULLARY LESION MAY BE METASTATIC GRANULOSA			
Note: CELL TUMOR.			
Bone Marrow		Hyperplasia	Moderate
Heart		Infiltration Cellular	Mixed Cell, Moderate
Liver		Hematopoietic Cell Proliferation	Marked
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 6-12			
Lung		Alveolar/Bronchiolar Carcinoma	
		Granulosa Cell Tumor Malignant	Metastatic (Ovary)
		Inflammation	Suppurative, Minimal
Note: BASOPHILIC GRANULAR THROMBI ALSO CAME FROM OVARY.			
Note: ALV BRON CARC TGLs = 4-3			
Lymph Node	Bronchial	Hematopoietic Cell Proliferation	Moderate
	Mandibular	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 8-6			
Mesentery	Fat	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 922	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14923

ORGAN AND ACCOUNTABLE SITE STATUS

	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 7-4			
Ovary		Angiectasis	Minimal
		Atrophy	Moderate
		Granulosa Cell Tumor Malignant	
Note: GRANLSA TM MAL TGLs = 5-13			
Pancreas			
Note: PANCREAS - TGL 7 IS IN MESENTERIC FAT NOT PANCREAS.			
Skeletal Muscle	Diaphragm	Sarcoma	Metastatic (Skin)
Note: [SARCOMA] TGLs = 3-14			
Skin	Subcut Tiss	Sarcoma	
Note: [SARCOMA] TGLs = 1-10			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 2-11+4			
Thymus		Infiltration Cellular	Mixed Cell, Marked
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 923	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 411
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Harderian Gland		Adenoma	
Intestine Small	Ileum	Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-3			
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 7-6			
Note: LYMPH MAL LYMP TGLs = 1-12			
Note: LYMPH MAL LYMP TGLs = 3-3			
Note: LYMPH MAL LYMP TGLs = 8-13			
Note: LYMPH MAL LYMP TGLs = 5-14			
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 923	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 411
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14924

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 9-7		
Pancreas	Acinus	Lymphoma Malignant Lymphocytic
Spinal Cord		Lymphoma Malignant Lymphocytic
Spleen		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 2-4+10		
Thymus		Lymphoma Malignant Lymphocytic
Urinary Bladder		Lymphoma Malignant Lymphocytic
Uterus		Hemangioma
Note: [HEMANGIOMA] TGLs = 6-8		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 924	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus		
OBSERVATIONS			
Lung	Alveolar Epith	Hyperplasia	Mild
Ovary		Atrophy	Moderate
Uterus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 925	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 454
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mediastinal	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Bronchial	Parathyroid Gland	Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Note: BONE MARROW APPEARS GRANULOCYTIC.			
Harderian Gland		Adenoma	
Liver		Angiectasis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
Note: ANGIECTASIS TGLs = 5-4			
Note: [HEPATOCLR ADEN] TGLs = 6-11			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
Note: ALV BRON ADEN TGLs = 1-3			
Note: ALV BRON CARC TGLs = 8-3			
Lymph Node	Mandibular	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-6			
Mammary Gland		Adenocarcinoma	Multiple
Note: ACINAR STRUCTURE AND SMALL CYSTIC AREAS AND HAS MANY			
Note: LYMPHOCYTES.			
Note: AREAS OF NECROSIS (SLIDE 10 +13). TGL 7 ON SLIDE 12 HAS			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 925	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 454
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14926

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOCARC TGLs = 2,7-10+12+13			
Note: TGL 2 IS MAMMARY, NOT SKIN. IS SOLID CARCINOMA WITH			
Ovary		Atrophy	Mild
	Germinal Epith	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 926	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Spleen
Stomach - Glandular	Thymus		
OBSERVATIONS			
Mammary Gland		Hyperplasia	Minimal
Ovary		Atrophy	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 927	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 353
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1,2,3,4-11			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Carcinoma	
Note: HEMANGIOSARC TGLs = 6-4+10			
Note: HEPATOCLR CARC TGLs = 5-10			
Lung	Mediastinum	Hemangiosarcoma	Metastatic (Heart)
	Alveolar Epith	Hyperplasia	Minimal
Ovary		Angiectasis	Minimal
		Atrophy	Moderate
		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 928	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Pituitary Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
Harderian Gland		Adenoma	
		Hyperplasia	Minimal
Intestine Small	Ileum, Peyers Patch	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 5-6			
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 3-4			
Note: HEPATOCLR CARC TGLs = 4-10			
Lung		Adenocarcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: ADENOCARC TGLs = 2-3			
Note: PAS SPECIAL STAIN WAS POSITIVE & HELPED AID DIAGNOSIS			
Note: OF ADENOCARCINOMA.			
Lymph Node	Bronchial	Adenocarcinoma	Metastatic (Lung)
	Mediastinal	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 6-2			
Note: ADENOCARC TGLs = 7-3			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 928	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14929

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Moderate
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-11			
Thymus		Necrosis	Mild
Thyroid Gland	Follicular Cel	Adenoma	
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 929	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mesentery
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone		Fibrous Osteodystrophy	Mild
Heart		Hemangiosarcoma	
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: [HEMANGIOSARC] TGLs = 4-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic, Diffuse, Mild
Note: [ALV BRON CARC] TGLs = 2-3			
Note: [HEMORRHAGE] TGLs = 1-3			
Mammary Gland		Hyperplasia	Mild
Ovary		Angiectasis	Marked
		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Moderate
Note: [ANGIECTASIS] TGLs = 3-7			
Skin	Subcut Tiss	Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 5-10			
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 929	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14930

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 930	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mediastinal	Thymus

OBSERVATIONS

Bone		Osteopetrosis	Marked
Bone Marrow		Fibrosis	Marked
Heart	Endothelium	Hyperplasia	Mild
Liver		Angiectasis	Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 6-4			
Mammary Gland		Galactocele	Mild
		Hyperplasia	Moderate
Note: GALACTOCELE TGLs = 2-2			
Note: TGL 2 IS MAMMARY, NOT SKIN.			
Mesentery	Fat	Necrosis	Moderate
Note: TGL 3 IS MESENTERIC FAT, NOT PANCREAS.			
Note: NECROSIS TGLs = 3-4			
Ovary		Granulosa Cell Tumor Malignant	
Note: GRANLSA TM MAL TGLs = 5-10			
Note: SOME MALIGNANT CELLS IN VESSEL.			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 1-4			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 930	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14931

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Hyperplasia	Cystic, Mild
	Thrombosis	Marked
Note: THROMBUS TGLs = 4-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 931	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Harderian Gland		Adenoma	
Liver		Degeneration	Fatty, Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Minimal
Note: HEPATOCLR NEOPLASM TGLS 4,5,6-4+10			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Note: ALV BRON ADEN TGLs = 9-3			
Mesentery	Fat	Hemorrhage	Mild
	Fat	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-11			
Note: HEMORRHAGE TGLs = 2-12			
Ovary		Cyst	
		Granulosa Cell Tumor Benign	
Note: CYST TGLs = 3-7			
Note: CYST IS FILLED WITH THROMBOTIC MATERIAL.			
Skeletal Muscle		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 931	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14932

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMORRHAGE TGLs = 8-13			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 7-8			
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 932	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 663
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal

OBSERVATIONS

Bone			
Note: SKULL BONE NORMAL			
Heart		Hemangiosarcoma	
Kidney	Renal Tubule	Adenoma	
Note: [ADENOMA] TGLs = 9-5			
Liver		Eosinophilic Focus	
		Hemangiosarcoma	Metastatic (Heart)
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Centrilobular	Necrosis	Mild
Note: HEPATOCLR LESION TGLS 5,6-4+10			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON CARC] TGLs = 1,2-3			
Lymph Node	Mesenteric	Inflammation	Granulomatous, Moderate
Note: [INFLAMMATION] TGLs = 7-6+12			
Mesentery	Fat	Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 932	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 663
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14933

ORGAN AND ACCOUNTABLE SITE STATUS

	Fat	Necrosis	Moderate
Note: [INFLAMMATION] TGLs = 7-12			
Note: [NECROSIS] TGLs = 7-12			
Ovary		Atrophy	Moderate
		Granulosa Cell Tumor Benign	
Note: [GRANLSA TM BGN] TGLs = 4-7			
Skin	Subcut Tiss	Sarcoma	
Note: [SARCOMA] TGLs = 3-13			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 8-4			
Thymus		Necrosis	Mild
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 933	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 502
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Lymph Node - Mediastinal	Parathyroid Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Islets, Pancreatic		Adenoma	
Note: ADENOMA TGLs = 8-4			
Kidney		Metaplasia	Osseous, Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 7-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: ALV BRON CARC TGLs = 3,4-3			
Note: LUNG - TGL 4 IS PROBABLY APICAL RATHER THAN CARDIAC LOBE			
Note: SINCE THE FOCUS ON THE CARDIAC LOBE IS SMALLER.			
Mammary Gland		Adenocarcinoma	
Note: MAMMARY - TGL 1 IS MAMMARY, NOT SKIN.			
Note: ADENOCARC TGLs = 1,2-10+11			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 933	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 502
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14934

ORGAN AND ACCOUNTABLE SITE STATUS

	Granulosa Cell	Hyperplasia	Minimal
Pancreas			
Note: PANCREAS - LESION IN ISLETS NOT ACINI.			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 5-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 6-8			
Trachea		Inflammation	Suppurative, Minimal
Uterus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 934	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 472
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Gallbladder
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Larynx
Nose	Pancreas	Pituitary Gland	Salivary Glands
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland

INSUFFICIENT TISSUE

Lymph Node - Bronchial

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Histiocytic Sarcoma	
	Medulla	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7-7			
Bone Marrow		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-9			
Heart		Mineralization	Minimal
Intestine Small	Jejunum	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-11			
Kidney		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6-5			
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 5-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 934	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 472
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14935

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HISTIO SARC] TGLs = 3-2+6			
Ovary		Atrophy	Moderate
		Cyst	
		Mixed Tumor Benign	
Skin	Sebaceous Gl	Adenoma	
Note: ADENOMA TGLs = 8-11			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-4			
Note: HEMA CELL PROL TGLs = 2-4+10			
Stomach	Glandular	Pigmentation	Hemosiderin, Moderate
	Forestomach	Squamous Cell Carcinoma	
	Glandular	Ulcer	Moderate
Note: PIGMENT TGLs = 10-8			
Note: SQUAM CEL CARC TGLs = 9-8			
Thymus		Necrosis	Mild
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 935	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 485
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Kidney		Histiocytic Sarcoma	
		Hydronephrosis	Moderate
		Infarct	Moderate
Note: HYDRONEPHROSIS TGLs = 3-5			
Note: [HISTIO SARC] TGLs = 1-5			
Note: INFARCT TGLs = 2-5			
Liver		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 5,6-4			
Note: HEPATOCLR TUMOR IS ON MEDIAN LOBE.			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7-3			
Note: ALV BRON CARC TGLs = 8-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Bronchial	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 935	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 485
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14936

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Histiocytic Sarcoma	
Note: ANGIECTASIS TGLs = 9-6			
Mesentery	Fat	Histiocytic Sarcoma	
Ovary		Atrophy	Moderate
		Histiocytic Sarcoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Histiocytic Sarcoma	
Uterus		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-8+10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 936	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 464
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Lymph Node - Mediastinal	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Small - Duodenum	Lymph Node - Bronchial	Lymph Node - Mesenteric

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Ileum

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1,2-4			
Kidney	Capsule	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 6-5			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Necrosis	Mild
Note: HEMANGIOSARC TGLs = 5-4			
Lung	Alveolar Epith	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-3			
Note: LUNG-TGL3 MAY BE DUE TO CONGESTION BUT NOT DIAGNOSED AS			
Note: IMPORTANT IN A CHRONIC STUDY NATURAL DEATH			
Ovary		Atrophy	Moderate
Pancreas	Acinus	Hyperplasia	Minimal
Skin		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 936	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 464
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14937

ORGAN AND ACCOUNTABLE SITE STATUS

Note: NECROSIS TGLs = 4-10			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: AS CONFIDENT AS IN SOME CASES.
Animal Note: TGL 7 MAY BE RELATED TO PRESENCE OF TUMORS BUT NOT

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 937	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 373
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Harderian Gland		Adenoma	
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-4			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: ALV BRON CARC TGLs = 2,3-3+10			
Note: INFILTRAT CELL TGLs = 4-3			
Lymph Node	Mediastinal	Hyperplasia	Mild
Note: MEDIASTINAL.			
Note: HYPERPLASIA TGLs = 5-2			
Note: TGL 5 IS PROBABLY ON SLIDE 2 WHICH IS GENERALLY CONSIDERED			
Ovary		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 938	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 408
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Lymph Node - Mediastinal	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Urinary Bladder	

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Colon

INSUFFICIENT TISSUE

Intestine Small - Duodenum	Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex	Histiocytic Sarcoma	
Bone Marrow		Histiocytic Sarcoma	
Brain		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Moderate
Note: [HISTIO SARC] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Histiocytic Sarcoma	
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Minimal
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1,2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: HYPERPLASIA TGLs = 6-8			
Note: PIGMENT TGLs = 4,7-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 938	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 408
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14939

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Necrosis	Mild
Uterus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 939	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 418
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder			

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Blood			
Note: UNCLEAR AS TO ORIGIN OF APPARENT ANEMIA.			
Harderian Gland		Adenoma	
Heart	Endothelium	Hyperplasia	Minimal
		Necrosis	Mild
Kidney	Renal Tubule	Adenoma	
Note: TO ANEMIA WHICH SEEMS QUITE PROBABALE.			
Note: NO LESION TO ASSOCIATE WITH PALENESS. PROBABLY PALNESS DUE			
Note: SMALL PAPILLARY ADENOMA OF TUBULAR EPITHELIUM NEAR			
Note: ENLARGED CELLS AND NUCLEI.			
Note: CAPSULE. THIN SEPTAE PRESENT AND MINIMAL PILING UP.			
Liver	Centrilobular	Degeneration	Fatty, Mild
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular	Necrosis	Minimal
		Thrombosis	Moderate
Note: THROMBUS TGLs = 7-13			
Note: DEGEN TGLs = 4-4+13			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 939	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 418
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14940

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Hyperplasia	Mild
Note: ALV BRON ADEN TGLs = 11-3			
Note: HEMORRHAGE TGLs = 10-3			
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 3-11			
Note: TGL 3 IS MAMMARY TUMOR, NOT SKIN.			
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 6-12			
Ovary		Angiectasis	Mild
		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 5-7			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-4+10			
Stomach	Glandular	Ulcer	Minimal
Note: CAN'T CORRELATE TINY ULCER WITH TGL 9.			
Thymus		Necrosis	Mild
Uterus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 940	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mesenteric

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma	
Note: ASSIGNED IT TO TGL 2.			
Note: ALV BRON ADEN TGLs = 2-11			
Note: ONLY ONE LUNG FOCUS FOUND, EVEN ON RECUT. ARBITRARILY			
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
Mesentery	Fat	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-6+7+10			
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 941	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 205
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Skin	Stomach - Forestomach	Thyroid Gland
Trachea	Uterus		

MISSING

Harderian Gland	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 8-5		
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 3-7		
Note: LYMPH MAL LYMP	TGLs = 2-11		
Note: LYMPH MAL LYMP	TGLs = 7-3		
Mammary Gland		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 4,5-2+12+13		
Nose		Lymphoma Malignant Lymphocytic	
	Respirat Epith	Metaplasia	Squamous, Minimal
Ovary		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 941	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 205
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14942

ORGAN AND ACCOUNTABLE SITE STATUS

Skin		
Note: MASS ARE NOT SKIN INVOLVED BUT MAMMARY TISSUE OR POSSIBLY		
Note: SUBCUTANEOUS LYMPH NODE.		
Spleen		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 1-4		
Stomach	Glandular	Lymphoma Malignant Lymphocytic
Thymus		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 6-10		
Urinary Bladder		Lymphoma Malignant Lymphocytic
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 942	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Parathyroid Gland

INSUFFICIENT TISSUE

Intestine Large - Rectum

OBSERVATIONS

Brain		Mineralization	Minimal
Heart	Endothelium	Hyperplasia	Mild
Lung		Inflammation	Chronic, Focal, Minimal
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 3-10			
Note: TGL 3 IS MAMMARY GLAND NOT SKIN.			
Ovary		Atrophy	Moderate
		Cyst	
	Germinal Epith	Hyperplasia	Minimal
Note: OVARY CYST IS BLOOD FILLED.			
Note: CYST TGLs = 2-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 1-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 943	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 524
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
	Cortex	Sarcoma	Metastatic (Skin)
	Medulla	Sarcoma	Metastatic (Skin)
Bone Marrow		Hyperplasia	Marked
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 13-15			
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 11,14-4			
Intestine Small	Ileum	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-13			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hematopoietic Cell Proliferation	Mild
		Necrosis	Mild
Note: HEMANGIOSARC TGLs = 6-4			
Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Mild
		Sarcoma	Metastatic (Skin)

Note: THE SUBCUT. SARCOMA.
Note: LUNG - SOME HEMORRHAGE IS ASSOCIATED WITH LESIONS SIMILAR

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 943	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 524
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14944

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMORRHAGE TGLs = 9-3			
Note: TO HEMANGIOSARCOMA THAT MAY BE METASTATIC FROM HEART BUT			
Note: CAN'T SEPARATE IT FROM THOSE THAT ARE MOST LIKELY FROM			
Note: SARCOMA TGLs = 10-3			
Lymph Node	Mediastinal	Hematopoietic Cell Proliferation	Moderate
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Axillary	Sarcoma	Metastatic (Skin)
Note: LYMPH MAL LYMP TGLs = 4-10			
Note: LYMPH MAL LYMP TGLs = 8-2			
Note: SARCOMA TGLs = 12-14			
Mammary Gland		Hyperplasia	Minimal
Ovary		Atrophy	Moderate
Skin	Subcut Tiss	Sarcoma	
Note: SARCOMA TGLs = 1-12			
Spleen		Hematopoietic Cell Proliferation	Marked
		Necrosis	Mild
Note: NECROSIS TGLs = 3-11			
Note: HEMA CELL PROL TGLs = 2-4+11			
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 944	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 532
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mediastinal
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	Uterus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Brain		Hemorrhage	Minimal
		Histiocytic Sarcoma	
Heart		Hemangiosarcoma	
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Moderate
Note: [HISTIO SARC] TGLs = 1,8,9,10-4+10			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Mild
		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Minimal
Note: HEMORRHAGE TGLs = 3-3			
Note: ALV BRON CARC TGLs = 2-3			
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mandibular	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Mesentery	Fat	Hemorrhage	Mild
	Fat	Histiocytic Sarcoma	
Note: HEMORRHAGE TGLs = 5,7-11+12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 944	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 532
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14945

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Atrophy	Moderate
		Histiocytic Sarcoma	
	Granulosa Cell	Hyperplasia	Moderate
Note: [HISTIO SARC] TGLs = 4-7			
Pancreas			
Note: PANCREAS - TGL 7 IS IN MESENTERIC FAT NEXT TO PANCREAS.			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: PIGMENT TGLs = 11-8			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 945	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 624
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland	Bilateral	Adenoma	
Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Lymphocytic	
Note: [HEPATOCLR ADEN] TGLs = 5-4+10			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Marked
Note: [ALV BRON CARC] TGLs = 2,3-3			
Note: [INFILTRAT CELL] TGLs = 1-3			
Lymph Node	Bronchial	Hyperplasia	Marked
Mesentery	Fat	Angiectasis	Marked
	Fat	Inflammation	Chronic, Marked
Note: [ANGIECTASIS] TGLs = 7-11			
Ovary		Angiectasis	Mild
		Atrophy	Moderate
		Cyst	
Pancreas	Acinus	Atrophy	Minimal
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 4-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 945	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 624
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14946

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Lymphoma Malignant Lymphocytic	
Uterus	Muscularis	Hyperplasia	Marked
		Hyperplasia	Cystic, Mild

Note: [HYPERPLASIA] TGLs = 6-12

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 946	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 9
	DOSE: 200 PPM	**DISP:** Accident	**HISTO:** 14947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Heart
Kidney	Larynx	Liver	Lung
Nose	Ovary	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Trachea
Uterus			
MISSING			
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Parathyroid Gland	Thyroid Gland		
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Pancreas	Stomach - Glandular	Urinary Bladder
OBSERVATIONS			
Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 947	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus			
MISSING			
Lymph Node - Mediastinal			
OBSERVATIONS			
Lymph Node	Mesenteric	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-10			
Ovary		Atrophy	Moderate
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 948	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Urinary Bladder	

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Larynx

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1-4			
Islets, Pancreatic		Adenoma	
Note: [ADENOMA] TGLs = 9-4			
Liver		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 8-10			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Mediastinum	Hemangiosarcoma	Metastatic (Heart)
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [ALV BRON ADEN] TGLs = 5-3			
Note: [HEMANGIOSARC] TGLs = 2-2			
Note: [ALV BRON CARC] TGLs = 3,4,11-3			
Lymph Node	Mediastinal	Congestion	Marked
Ovary		Granulosa Cell Tumor Benign	
		Mixed Tumor Benign	
Note: [GRANLSA TM BGN] TGLs = 7-7			
Pancreas			
Note: PANCREAS - TGL 9 IS OF ISLETS			
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 948	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14949

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Squamous Cell Papilloma	Multiple
Note: [SQ CL PAPILLOM] TGLs = 12-11			
Thymus		Necrosis	Minimal
Thyroid Gland	Follicular Cel	Adenoma	
Note: [ADENOMA] TGLs = 10-2			
Trachea		Metaplasia	Squamous, Minimal
Uterus		Angiectasis	Marked
		Hyperplasia	Cystic, Moderate
Note: [ANGIECTASIS] TGLs = 6-8+11			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 949	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 509
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Urinary Bladder
Uterus			

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Hemangiosarcoma	
Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-11			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON ADEN TGLs = 4-3			
Note: ALV BRON CARC TGLs = 5-3			
Mammary Gland		Adenocarcinoma	
Note: MAMMARY - TGL 1 IS MAMMARY NOT SKIN.			
Note: ADENOCARC TGLs = 1-10			
Ovary		Angiectasis	Mild
		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Moderate
Note: ANGIECTASIS TGLs = 6-7			
Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 949	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 509
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14950

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 3-4

Thymus	Necrosis	Minimal
Trachea	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: AS CONFIDENT AS IN SOME CASES.
Animal Note: TGL 7 MAY BE RELATED TO PRESENCE OF TUMORS BUT NOT

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 950	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus			
MISSING			
Lymph Node - Bronchial	Lymph Node - Mediastinal		
OBSERVATIONS			
Ovary		Atrophy	Moderate
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 951	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 484
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-4			
Kidney	Medulla	Congestion	Moderate
		Inflammation	Suppurative, Minimal
Note: CONGESTION TGLs = 5-5			
Liver		Hemangiosarcoma	Metastatic (Heart)
	Centrilobular	Necrosis	Mild
Note: HEMANGIOSARC TGLs = 4-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 1-3			
Nose		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Moderate
		Atrophy	Moderate
Thymus		Necrosis	Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 952	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 436
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Harderian Gland	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Pituitary Gland	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Granulocytic	
	Medulla	Leukemia Granulocytic	
Bone Marrow		Leukemia Granulocytic	
Brain		Mineralization	Minimal
Heart		Leukemia Granulocytic	
Note: LEUKEMIA GRAN TGLs = 2-4			
Intestine Small	Duodenum	Leukemia Granulocytic	
Kidney		Leukemia Granulocytic	
Liver		Leukemia Granulocytic	
		Necrosis	Minimal
Note: LEUKEMIA GRAN TGLs = 4-4			
Lung		Hemorrhage	Mild
		Leukemia Granulocytic	
Note: HEMORRHAGE TGLs = 5-3			
Lymph Node	Mandibular	Leukemia Granulocytic	
	Mediastinal	Leukemia Granulocytic	
	Mesenteric	Leukemia Granulocytic	
Note: LEUKEMIA GRAN TGLs = 7-6			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 952	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 436
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14953

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Atrophy	Moderate
		Cyst	
		Leukemia Granulocytic	
Note: CYST TGLs = 6-7			
Pancreas	Acinus	Leukemia Granulocytic	
Salivary Glands		Leukemia Granulocytic	
Spleen		Leukemia Granulocytic	
Note: LEUKEMIA GRAN TGLs = 3-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Leukemia Granulocytic	
	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA TGLs = 8-8			
Thymus		Leukemia Granulocytic	
Note: LEUKEMIA GRAN TGLs = 1-2			
Uterus		Leukemia Granulocytic	

PRIMARY CAUSE OF DEATH -

Animal Note: DIAGNOSIS TO WHEN INFILTRATE IS OUTSIDE OF VESSELS.
Animal Note: CELLULAR INFILTRATE IN MOST VESSELS. TRIED TO RESTRICT
Animal Note: WIDESPREAD GRANULOCYTIC CELL INVASION.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 953	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 446
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow	Hyperplasia	Moderate
Note: BONE MARROW IS GRANULOCYTIC.		
Brain	Mineralization	Minimal
Heart	Hemangiosarcoma	
Kidney	Hematopoietic Cell Proliferation	Mild
Note: THINK EMHP WOULD DO IT.		
Note: PALE (TGL 6) MAY BE A REFLECTION OF APPARENT ANEMIA, DON'T		
Liver	Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 5-4		
Lung	Adenocarcinoma	Metastatic (Mammary Gland)
	Hemorrhage	Minimal
	Infiltration Cellular	Mixed Cell, Mild
Mammary Gland	Adenoacanthoma	
Note: ADENOACANTHOMA TGLs = 1,3-2+11+12		
Note: WITH GIANT CELLS. SOME AREAS SOLID WITH NECROTIC		
Note: TGL 3 IS MAMMARY TUMOR NOT SKIN TUMOR.		
Note: ACINI AND CYSTIC AREAS. SOME STROMAL PROLIFERATION		
Note: CENTERS. SOME AREAS WITH SQUAMOUS DIFFERENTIATION.		
Ovary	Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 953	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 446
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14954

ORGAN AND ACCOUNTABLE SITE STATUS

		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Moderate
Note: ANGIECTASIS TGLs = 4-7			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-4+10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 954	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

OBSERVATIONS

Brain		Mineralization	Minimal
Heart	Endothelium	Hyperplasia	Mild
Liver		Degeneration	Fatty, Mild
		Hepatocellular Adenoma	Multiple
		Necrosis	Minimal
Note: [HEPATOCLR ADEN] TGLs = 1-4+10			
Lung	Alveolar Epith	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-3+11			
Ovary		Angiectasis	Mild
		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Mild
Note: ANGIECTASIS TGLs = 2-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 955	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 470
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Bronchial	Parathyroid Gland	Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Brain		Histiocytic Sarcoma	
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 3-4			
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Moderate
Note: [HISTIO SARC] TGLs = 1,6-4			
Lung		Hemorrhage	Mild
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-3			
Note: HEMORRHAGE TGLs = 2-3			
Lymph Node	Pancreatic	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-10			
Mammary Gland		Hyperplasia	Mild
Ovary		Atrophy	Moderate
		Cyst	
Pancreas			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 955	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 470
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14956

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PANCREAS-TGL5 IS A LYMPHNODE IN THE PANCREAS			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Squamous Cell Papilloma	
	Forestomach	Ulcer	Mild
Note: SQ CL PAPILLOM TGLs = 7-11			
Note: ULCER TGLs = 8-11			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 956	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Heart	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus			

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Lung	Alveolar/Bronchiolar Adenoma	
Ovary	Granulosa Cell Tumor Benign	
Note: GRANLSA TM BGN TGLs = 1-10		
Note: INCOMPLETE SECTION OF LEFT OVARY.		
Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 957	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 695
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Ear
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Brain		Mineralization	Minimal
Ear			
Note: EAR - TGL 4 IS IN SUBCUTIS NEAR EAR.			
Harderian Gland		Adenocarcinoma	
		Adenoma	
Note: [ADENOCARC] TGLs = 5-14			
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: [HEPATOCLR ADEN] TGLs = 11-4			
Note: [HEPATOCLR CARC] TGLs = 9-10			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
Note: [ADENOCARC] TGLs = 1,2,3-3			
Lymph Node			
Note: MESENTERIC LYMPH NODE - TGL 10 IS MESENTERIC FAT, NOT			
Note: LYMPH NODE.			
Mesentery	Fat	Inflammation	Chronic, Moderate
	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 10-12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 957	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 695
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14958

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Atrophy	Mild
		Granulosa Cell Tumor Malignant	
Note: [GRANLSA TM MAL] TGLs = 6-11			
Skin	Subcut Tiss	Inflammation	Granulomatous, Marked
Note: [INFLAMMATION] TGLs = 4-13			
Spleen		Hematopoietic Cell Proliferation	Mild
	Capsule	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 8-4			
Trachea		Inflammation	Suppurative, Minimal
Uterus		Adenocarcinoma	
		Angiectasis	Marked
		Polyp Stromal	
Note: [ANGIECTASIS] TGLs = 7-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 958	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Hematocyst	
Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW APPEARS GRANULOCYTIC.			
Harderian Gland		Adenoma	
Liver		Hepatocellular Adenoma	
		Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 2-4			
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
Note: ADENOCARC TGLs = 3-3			
Mammary Gland		Adenocarcinoma	
Note: TGL 1 IS MAMMARY TUMOR, NOT SKIN TUMOR.			
Note: ADENOCARC TGLs = 1-10			
Ovary		Atrophy	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 4-4			
Thymus		Lymphoma Malignant Lymphocytic	
Note: ONE LOBE NORMAL, ONE LOBE HAS LYMPHOMA.			
Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 958	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 370
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14959

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 959	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 478
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Thymus

OBSERVATIONS

Harderian Gland		Adenoma	
Heart	Endothelium	Hyperplasia	Marked
Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON CARC TGLs = 1,3-3			
Note: ALV BRON CARC TGLs = 2-2+3+11			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Nose		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Mild
		Atrophy	Mild
		Granulosa Cell Tumor Benign	
Note: ANGIECTASIS TGLs = 4-7			
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 960	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Uterus	
MISSING			
Lymph Node - Mediastinal			
OBSERVATIONS			
Ovary		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 961	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 386
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Nose	Parathyroid Gland	Pituitary Gland
Skin	Thyroid Gland	Trachea	Uterus

MISSING

Intestine Small - Duodenum	Lymph Node - Bronchial	Mammary Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Hemangiosarcoma	
Kidney		Amyloid Deposition	Marked
		Lymphoma Malignant Lymphocytic	
		Nephropathy	Mild
Note: REGENERATIVE TUBULES ARE ALSO PRESENT.			
Note: AMYLOID-LIKE DEPOSIT IN GLOMERULI AND SEVERAL			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	
Note: ALV BRON CARC TGLs = 2-3			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Moderate
		Cyst	
	Germinal Epith	Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	
Note: CYST TGLs = 3-7			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 961	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 386
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14962

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4+10			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 962	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 543
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Minimal
Brain		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 1-1			
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 5-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
	Centrilobular	Necrosis	Moderate
Note: HEMANGIOSARC TGLs = 4-4			
Note: NECROSIS TGLs = 3-4			
Lung		Inflammation	Chronic, Focal, Mild
Note: INFLAMMATION TGLs = 6-3			
Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Hemangiosarcoma	Metastatic (Heart)
Note: MESENTERY - TGL 7 IS IN MESENTERIC FAT NOT LYMPHNODE.			
Note: HEMANGIOSARC TGLs = 7-7+10			
Ovary		Adenoma	
		Atrophy	Moderate
Stomach	Glandular	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 962	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 543
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14963

ORGAN AND ACCOUNTABLE SITE STATUS

	Glandular	Ulcer	Mild
Note: PIGMENT TGLs = 2-8			
Thymus		Necrosis	Mild
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 963	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 509
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Mammary Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thyroid Gland
Urinary Bladder			

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 4-12			
Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	Multiple
Note: ALV BRON CARC TGLs = 3-2+10+4+13			
Note: ALV BRON CARC TGLs = 2-3			
Lymph Node	Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Renal	Hyperplasia	Mild
	Mesenteric	Inflammation	Granulomatous, Marked
Note: ALV BRON CARC TGLs = 1-10			
Note: HYPERPLASIA TGLs = 6-14			
Note: INFLAMMATION TGLs = 5,7-7+11			
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
Ovary		Angiectasis	Mild
		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 963	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 509
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14964

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TISSUE & GIANT CELLS.
Note: ORIGINATING IN MESENTERIC LYMPHNODE BUT ALSO INVOLVES
Note: MESENTERIC FAT AND PANCREAS. HAS MUCH FIBROUS CONNECTIVE
Note: OVARY - TISSUE ON SLIDE 7(TGL 7) DOES NOT HAVE IDENTIFIABLE
Note: OVARY & IS SIMILAR TO SOME OF TGL 5 AND WILL BE CONSIDERED
Note: PART OF THE SAME PROCESS. WILL BE DESIGNATED AS

Pancreas	Acinus	Atrophy	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Thymus		Necrosis	Mild
Trachea		Inflammation	Suppurative, Minimal
Uterus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 964	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 268
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Moderate
Bone Marrow		Hyperplasia	Marked
Note: HYPERPLASIA SEEMS TO BE PRIMARILY GRANULOCYTIC.			
Liver		Hematopoietic Cell Proliferation	Minimal
Mammary Gland		Adenoacanthoma	
Note: [ADENOACANTHOMA] TGLs = 2-10			
Ovary		Atrophy	Moderate
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-4]			
Uterus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 965	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Eye	Cornea	Inflammation	Chronic, Minimal
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 6-12			
Heart		Hemangiosarcoma	
Liver	Biliar Tract	Cyst	
Note: [CYST] TGLs = 8-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
Note: [ALV BRON ADEN] TGLs = 4-3			
Note: [ALV BRON CARC] TGLs = 5-3			
Mammary Gland		Hyperplasia	Minimal
Ovary		Granulosa Cell Tumor Benign	
Note: [GRANLSA TM BGN] TGLs = 1,3-10			
Skin		Inflammation	Chronic, Marked
Note: [INFLAMMATION] TGLs = 2-11			
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 965	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14966

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMA CELL PROL] TGLs = 7-4

Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 966	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 200 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone Marrow	Heart	Lymph Node - Mandibular	Lymph Node - Mesenteric
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
MISSING			
Lymph Node - Bronchial	Lymph Node - Mediastinal		
OBSERVATIONS			
Harderian Gland		Hyperplasia	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 2-10			
Ovary		Atrophy	Moderate
Note: EVIDENCE OF THE CYST IS NOT PRESENT ON SECTION EXAMINED.			
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 967	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 489
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus

INSUFFICIENT TISSUE

Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
Heart	Endothelium	Hyperplasia	Moderate
Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Marked
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Marked
Lymph Node	Bronchial	Hematopoietic Cell Proliferation	Marked
	Mediastinal	Hematopoietic Cell Proliferation	Moderate
	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 1-10			
Ovary		Atrophy	Mild
	Germinal Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 967	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 489
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14968

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Mild
Uterus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 968	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 343
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Minimal
Bone Marrow			
Note: HYPOCELLULARITY SEEMS ARTIFACTUAL.			
Heart		Hemangiosarcoma	
Liver		Hemangiosarcoma	Multiple
		Necrosis	Mild
Note: NECROSIS TGLs = 1-4			
Note: [HEMANGIOSARC] TGLs = 1-4			
Lung			
Note: NOT RESPONSIBLE FOR RED LUNG WHICH MAY HAVE BEEN			
Note: CELLULAR INFILTRATE IS EXTRAMEDULLARY HEMATOPOEISIS AND			
Note: HYPOSTATIC CONGESTION.			
Ovary		Atrophy	Moderate
Spleen		Angiectasis	Marked
Note: ANGIECTASIS TGLs = 4-4			
Thymus		Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 968	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 343
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14969

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 969	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 317
	DOSE: 200 PPM	**DISP:** Moribund	**HISTO:** 14970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-7+10			
Note: LYMPH MAL LYMP TGLs = 3-6			
Mammary Gland		Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Moderate
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
Stomach	Glandular	Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-2+3+11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 970	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 344
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Mediastinal	Pituitary Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Brain		Histiocytic Sarcoma	
		Mineralization	Minimal
Kidney		Hematopoietic Cell Proliferation	Mild
Liver		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 8-4			
Lung		Hemorrhage	Mild
		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Minimal
Note: HEMORRHAGE TGLs = 2-3			
Lymph Node	Bronchial	Congestion	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mandibular	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: CONGESTION TGLs = 4-3			
Note: [HISTIO SARC] TGLs = 1-6+7			
Nose		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 970	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 344
	DOSE: 200 PPM	**DISP:** Dead	**HISTO:** 14971

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Metaplasia	Squamous, Minimal
Ovary		Angiectasis	Marked
		Atrophy	Mild
Note: [ANGIECTASIS] TGLs = 5-7			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 6-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
	Glandular	Ulcer	Mild
Note: ULCER TGLs = 7-8			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1101	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 353
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Jejunum

OBSERVATIONS

Heart		Hemangiosarcoma	
Larynx			
Note: LUNG LESION OF METASTATIC HEMANGIOSARCOMA.			
Note: NO LARYNGEAL LESION, LARYNX FLUID UNDOUBTABLY RELATED TO			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Necrosis	Minimal
Note: HEMANGIOSARC TGLs = 4-10			
Lung		Hemangiosarcoma	Metastatic (Heart)
	Alveolar Epith	Hyperplasia	Mild
Note: HEMANGIOSARC TGLs = 1,2,6-3			
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 5-11			
Nose			
Note: PRESENCE OF RBC IN NASAL SECTION RELATED TO LUNG LESIONS.			
Ovary		Angiectasis	Moderate
		Atrophy	Mild
	Germinal Epith	Hyperplasia	Minimal
	Granulosa Cell	Hyperplasia	Mild
Note: ANGIECTASIS TGLs = 3-7			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1101	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 353
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14742

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1102	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 240
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-7			
Note: LYMPH MAL LYMP TGLs = 5-10			
[Lymphoma Malignant Lymphocytic TGLS = 3-6]			
[Lymphoma Malignant Lymphocytic TGLS = 4-2]			
Ovary		Angiectasis	Minimal
		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4			
Stomach	Glandular	Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
Uterus		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1102	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 240
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14743

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1103	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 307
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Urinary Bladder	

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
	Medulla	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 10-9			
Brain		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 12-1+13			
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Glomerulosclerosis	Moderate
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 11-5			
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-4+12			
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 13,14-3			
Note: FOR BLACK FOCI. IF PRESENT, THEN PROBABLY SECONDARY TO			
Note: NO HEMORRHAGE WAS OBSERVED ON PLEURA THAT WOULD ACCOUNT			
Note: LYMPHOMA ANYWAY.			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1103	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 307
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14744

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 5-2			
Note: LYMPH MAL LYMP TGLs = 6-3			
Note: LYMPH MAL LYMP TGLs = 9-6			
Note: LYMPH MAL LYMP TGLs = 15-5			
Note: LYMPH MAL LYMP TGLs = 2-7			
Mammary Gland		Lymphoma Malignant Lymphocytic	
Nose	Olfactory Epi	Atrophy	Mild
Ovary		Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4+11			
Stomach	Glandular	Hemorrhage	Mild
	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Note: HYPERPLASIA TGLs = 8-8			
Note: HEMORRHAGE TGLs = 7-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-2+10			
Uterus		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1104	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 294
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Larynx	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Thyroid Gland

MISSING

Urinary Bladder

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 7,8-5			
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-4			
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1,2-2			
Note: LYMPH MAL LYMP TGLs = 6-6			
Nose		Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
Skin		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1104	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 294
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14745

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 5-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
Note: PIGMENT TGLs = 9-8			
Thymus		Lymphoma Malignant Lymphocytic	
Uterus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1105	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 275
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Harderian Gland	Islets, Pancreatic	Kidney
Larynx	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Pituitary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	

OBSERVATIONS

Bone Marrow		Atrophy	Marked
		Lymphoma Malignant Lymphocytic	
Heart		Mineralization	Minimal
Liver		Lymphoma Malignant Lymphocytic	
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-10			
Note: LYMPH MAL LYMP TGLs = 3-2			
Nose	Olfactory Epi	Atrophy	Moderate
		Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-8			
Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1105	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 275
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14746

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 2,4-2			
Uterus		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1106	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 317
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Glandular
Thyroid Gland	Trachea		

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Hemangiosarcoma	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Hemangiosarcoma	Metastatic (Heart)
		Lymphoma Malignant Lymphocytic	
Note: HEMANGIOSARC TGLs = 1-4			
Ovary		Atrophy	Moderate
	Granulosa Cell	Hyperplasia	Minimal
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spinal Cord		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Lymphoma Malignant Lymphocytic	
Note: HYPERPLASIA TGLs = 2-8			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1107	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Pituitary Gland

OBSERVATIONS

Lung	Alveolar Epith	Hyperplasia	Minimal
Ovary		Atrophy	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA TGLs = 1-8			
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1108	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 398
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Salivary Glands	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Parathyroid Gland	Pituitary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Note: APPEARS GRANULOCYTIC.			
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 3,6-4			
Note: TUMOR AT APEX.			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular	Necrosis	Minimal
Note: HEMANGIOSARC TGLs = 8-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: ALV BRON ADEN TGLs = 5-3+12			
Note: HEMANGIOSARC TGLs = 4-3+12			
Mesentery	Fat	Hemangiosarcoma	Metastatic (Heart)
Note: TGL 9 IS MESENTERY, NOT LYMPHNODE.			
Note: HEMANGIOSARC TGLs = 9-13			
Ovary		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1108	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 398
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14749

ORGAN AND ACCOUNTABLE SITE STATUS

		Granulosa Cell Tumor Benign	
Note: GRANLSA TM BGN TGLs = 7-7			
Skin	Subcut Tiss	Hemangiosarcoma	Metastatic (Heart)
Note: TUMOR DESIGNATED AS METATSTAIC FOR CONVIENCE, HAS GIANT			
Note: HEMANGIOSARCOMA FEATURES.			
Note: CELLS AND SIMILAR TO OTHER S.Q.SARCOMAS,NOS BUT HAS MORE			
Note: HEMANGIOSARC TGLs = 2-2+11+15			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 1-4+10			
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: TUMOR IS TINY BUT HAS INVADED MUSCULARIS.			
Note: SQUAM CEL CARC TGLs = 10-8			
Uterus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1109	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 328
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Minimal
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
Note: ALV BRON ADEN TGLs = 5-3			
Lymph Node	Mesenteric	Necrosis	Mild
Mammary Gland		Adenocarcinoma	
Note: BONE LESION.			
Note: TGL 1 FROM THE LEG IS MAMMARY TISSUE NOT A SKIN TUMOR OR			
Note: ADENOCARC TGLs = 1,6-10			
Ovary	Germinal Epith	Hyperplasia	Moderate
		Mixed Tumor Benign	
Pituitary Gland	Pars Distalis	Cyst	
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HAS AREA OF HEMORRHAGE FROM THORACIC WALL(TGL 3) POSSIBLY.			
Note: HEMANGIOSARC TGLs = 2,3,7-11+12			
Note: TGL 2 IS HEMANGIC SARCOMA MASS FROM THORAX. SLIDE 11 ALSO			
Note: RELATED TO HEMORRHAGE FROM SKIN TUMOR.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1109	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 328
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14750

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CALLED MASSES. SLIDE 12 HAS SOME TGL 3. TGL 7 PROBABLY
Note: TGL 3 AND 4 PROBABLY REFER TO HEMORRHAGE ONLY SINCE NOT

Spleen	Hematopoietic Cell Proliferation	Mild
Uterus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: AND HEAD BUT GROSSLY THEY WERE ONLY SLIGHT DARK LESIONS.
Animal Note: RE-CHECKED WET TISSUE-CUT IN A PIECE OF SKIN FROM THORAX

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1110	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 317
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Lymph Node - Mediastinal	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma	
Heart	Endothelium	Hyperplasia	Marked
Kidney		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 3-5			
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 2-4			
Lung		Hemorrhage	Mild
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-3			
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Ovary		Atrophy	Mild
		Histiocytic Sarcoma	
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-4+10			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Thymus		Necrosis	Mild
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1111	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 319
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder | Intestine Small - Jejunum

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 3-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 1,2-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
Ovary		Atrophy	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 4-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1112	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder

INSUFFICIENT TISSUE

Harderian Gland

OBSERVATIONS

Heart	Endothelium	Hyperplasia	Mild
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-8			
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1113	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 331
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Mandibular	Thymus

INSUFFICIENT TISSUE

Lymph Node - Mesenteric

OBSERVATIONS

Heart	Endothelium	Hyperplasia	Marked
Liver		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
Note: ALV BRON ADEN TGLs = 2-3			
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 1-10			
Ovary		Angiectasis	Minimal
		Atrophy	Mild
	Germinal Epith	Hyperplasia	Minimal
Skin			
Note: TGL 1 IS A MAMMARY GLAND, NOT SKIN.			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1113	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 331
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14754

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 4-8

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1114	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 280
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum

OBSERVATIONS

Bone Marrow		Atrophy	Marked
Liver		Necrosis	Mild
Note: NECROSIS TGLs = 5-4			
Note: BACTERIAL COLONIES ABUNDANT.			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mandibular	Necrosis	Moderate
Note: NECROSIS TGLs = 1-7			
Ovary		Atrophy	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Necrosis	Mild
Note: NECROSIS AND ATROPHY USED INTERCHANGEABLY HERE.			
Uterus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1115	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 329
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Skin	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
	Medulla	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Hemangiosarcoma	
		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal

Note: HEMANGIOSARCOMA ON WHAT SEEMS TO BE LEFT VENTRICLE, BUT
Note: CELLS.
Note: HEMORHAGE IS INTO PERICARDIAL SAC AND FULL OF LYMPHOMA
Note: VISABLE. ONE SECTION OF HEART HEART HAS AN EARLY
Note: TGL 3 MAY REFER TO LYMPHOMA INFILTRATE. HEMANGIOSARCOMA IS
Note: IN INTRAVENTRICULAR SEPTUM AND SHOULDN'T HAVE BEEN GROSSLY
Note: DON'T THINK ITS LARGE ENOUGH TO SEE GROSSLY, BUT MAY BE.
Note: [LYMPH MAL LYMP] TGLs = 3-4

Intestine Small	Duodenum	Lymphoma Malignant Lymphocytic	
	Ileum	Lymphoma Malignant Lymphocytic	

Note: LYMPH MAL LYMP TGLs = 11-12
Note: TGL 11 IS IN PEYER'S PATCH.

Kidney		Lymphoma Malignant Lymphocytic	
Liver	Centrilobular	Degeneration	Fatty, Moderate
		Hemangiosarcoma	Metastatic (Heart)
		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1115	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 329
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14756

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 6-4+10			
Lung		Hemangiosarcoma	Metastatic (Heart)
		Lymphoma Malignant Lymphocytic	
Note: HEMANGIOSARC TGLs = 4-3			
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 9-14			
Note: LYMPH MAL LYMP TGLs = 1-7+13			
Note: LYMPH MAL LYMP TGLs = 8-11			
[Lymphoma Malignant Lymphocytic TGLS = 10-2]			
Ovary		Atrophy	Moderate
		Cyst	
Note: CYST TGLs = 7-7			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-4			
Stomach	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 12-8			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1116	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 307
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Bone			
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Bone Marrow		Hyperplasia	Mild
Brain		Mineralization	Minimal
Eye			
Note: APPEARANCE NORMAL AT NECROPSY AND TRIM.			
Note: TAKEN FOR HISTO PER CLINICAL OBSERVATION OF EXOPHTHALMUS.			
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Liver		Hematopoietic Cell Proliferation	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 3-3+12			
Ovary		Angiectasis	Mild
		Atrophy	Mild
	Germinal Epith	Hyperplasia	Minimal
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-10+13			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 2-4+11			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1116	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 307
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14757

ORGAN AND ACCOUNTABLE SITE STATUS

	Forestomach	Ulcer	Mild
Note: HYPERPLASIA TGLs = 4-8			
Thymus		Necrosis	Minimal
Uterus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1117	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
Brain		Mineralization	Minimal
Ovary		Atrophy	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 1-8			
Thymus		Necrosis	Mild
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1118	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 387
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Bronchial

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Blood			
Note: TGL 1 MAY BE RELATED TO ANEMIA OF NEOPLASIA BUT IT IS			
Note: NOT AS "CLEAR" AS SOME CASES.			
Bone Marrow		Hyperplasia	Moderate
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Brain		Mineralization	Minimal
Heart		Hemangiosarcoma	
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
Note: ALV BRON CARC TGLs = 4-3			
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 5-12			
Ovary		Atrophy	Moderate
		Granulosa Cell Tumor Benign	
Note: GRANLSA TM BGN TGLs = 2-10			
Note: TUMOR HAS LARGE THROMBUS AND HEMORRHAGE.			
Skin	Subcut Tiss	Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1118	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 387
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14759

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [SARCOMA] TGLs = 3-13			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 6-4+11			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 7-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1119	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 319
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Parathyroid Gland

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Histiocytic Sarcoma	
Bone Marrow		Histiocytic Sarcoma	
Heart		Histiocytic Sarcoma	
Intestine Large	Cecum	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-11			
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Mild
Note: [HISTIO SARC] TGLs = 1,2-4			
Lung		Hemorrhage	Mild
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 3-3			
Note: HEMORRHAGE TGLs = 3-3			
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Mammary Gland		Histiocytic Sarcoma	
Ovary		Atrophy	Moderate
Spleen		Histiocytic Sarcoma	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 6-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1119	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 319
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14760

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Histiocytic Sarcoma
Uterus	Histiocytic Sarcoma
	Polyp Stromal

Note: POLYP STROMAL TGLs = 4-12

PRIMARY CAUSE OF DEATH -

Animal Note: BACTEREMIC.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1120	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 443
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Bronchial	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Sarcoma	Metastatic (Stomach)
Note: [SARCOMA] TGLs = 5-7			
Bone Marrow		Hyperplasia	Moderate
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Harderian Gland		Hyperplasia	Minimal
Heart		Hemangiosarcoma	
Note: TUMOR IS ANAPLASTIC AND RATHER SOLID.			
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 3-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
	Alveolar Epith	Hyperplasia	Mild
Note: HEMANGIOSARC TGLs = 4-3+10			
Note: [ALV BRON ADEN] TGLs = 8-10			
Lymph Node	Mediastinal	Hyperplasia	Mild
Mesentery	Fat	Sarcoma	Metastatic (Stomach)
Note: [SARCOMA] TGLs = 6-12			
Ovary		Atrophy	Moderate
		Cyst	
Note: CYST TGLs = 9-7			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1120	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 443
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14761

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle	Diaphragm	Sarcoma	Metastatic (Stomach)
Note: [SARCOMA] TGLs = 1-13			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-4			
Stomach	Forestomach	Sarcoma	
	Forestomach	Squamous Cell Carcinoma	
	Glandular	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: SQUAM CEL CARC TGLs = 7-11			
Thymus		Necrosis	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1121	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 379
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Bronchial	Lymph Node - Mesenteric	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
Bone Marrow		Hyperplasia	Moderate
Note: BONE MARROW APPEARS GRANULOCYTIC.			
Liver		Hematopoietic Cell Proliferation	Mild
Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Moderate
	Mediastinum	Mixed Tumor Malignant	Metastatic (Mammary Gland)
		Mixed Tumor Malignant	Metastatic (Mammary Gland)
Note: HEMORRHAGE TGLs = 5-3			
Note: A/B CARCINOMA IS PAPILLARY, COLUMNAR CELL AND POSSIBLY			
Note: [MIXD TUMOR MAL] TGLs = 1,4-3+10			
Note: ALV BRON CARC TGLs = 3-3			
Note: LUNG (MEDIASTINUM) METASTATIC LESION IS FAIRLY GLANDULAR.			
Note: SECRETORY.			
Lymph Node	Mediastinal	Sarcoma	Metastatic (Mammary Gland)
Mammary Gland		Mixed Tumor Malignant	
Note: [MIXD TUMOR MAL] TGLs = 7,8-2+13+14			
Ovary		Atrophy	Moderate
		Cyst	
Note: CYST TGLs = 6-7+12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1121	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 379
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14762

ORGAN AND ACCOUNTABLE SITE STATUS

Note: BLOOD AND THROMBUS FILLED CYST.			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-4+11			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 10-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1122	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 205
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Gallbladder	Harderian Gland	Lymph Node - Bronchial	Lymph Node - Mediastinal
Lymph Node - Mesenteric			

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow	Atrophy	Marked
Heart	Necrosis	Mild
Liver	Necrosis	Minimal
Ovary	Atrophy	Mild
Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: ANIMAL IS BACTEREMIC

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1123	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 385
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Heart		Sarcoma	Metastatic (Mammary Gland)
Note: TUMOR SEEMS METASTATIC, BUT IT IS A HARD ONE TO DEFINE.			
Larynx		Inflammation	Mild
Liver		Sarcoma	Metastatic (Mammary Gland)
Note: SARCOMA TGLs = 10-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 2-2+3+11			
Note: ALV BRON CARC TGLs = 3-3			
Note: ALVEOLAR BRONCHIOLAR CARCINOMA ASSUMED INVASIVE TO THORACIC			
Note: MAMMARY TUMOR, BUT IT IS PRIMARILY LIKE THE LUNG TUMOR			
Note: (MORE GLANDULAR).			
Note: CAVITY. SOME AREAS OF THORACIC MASS LOOK LIKE SUBCUTANEOUS			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Mesenteric	Hemorrhage	Minimal
	Mesenteric	Inflammation	Mild
Note: HEMORRHAGE TGLs = 7-6			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1123	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 385
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14764

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ALV BRON CARC TGLs = 4-2			
Mammary Gland		Sarcoma	
Note: CAVITY (LESS GLANDULAR).			
Note: SARCOMA TGLs = 9-2+10			
Note: SOME ACINI ARE PRESENT! ASSUMED METASTATIC TO ABDOMINAL			
Note: LEIOMYOSARCOMA WITH SMALL AREAS HAVING TINY SQUAMOID PEARLS.			
Note: TGL 9 IS MAMMARY, NOT "SKIN". TUMOR IS UNUSUAL, LOOKS LIKE			
Mesentery		Sarcoma	Metastatic (Mammary Gland)
Note: SARCOMA TGLs = 1,5-7+12			
Ovary		Atrophy	Moderate
		Granulosa Cell Tumor Benign	
Note: A LARGE FOCUS OF HEMORRHAGE IS IN THE OVARIAN TUMOR			
Note: GRANLSA TM BGN TGLs = 8-7			
Pancreas		Sarcoma	Metastatic (Mammary Gland)
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Sarcoma	Metastatic (Mammary Gland)
	Glandular	Sarcoma	Metastatic (Mammary Gland)
Note: SARCOMA TGLs = 6-8			
Note: SARCOMA TGLs = 6-8			
Thymus		Necrosis	Mild
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: LY) RESTRICTED METASTASIS TO THORACIC AND
Animal Note: LAPPING BUT ESSENTIALLY (AND MAYBE ARTIFACTUAL-
Animal Note: +LUNG BOTH METASTASIC. MAY BE SOME VAGUE OVER-
Animal Note: MAMMARY TO ALL OTHERS.
Animal Note: APPEARS TO BR 2 SEPARATE MALIGNANT TUMORS(MAMMARY

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1124	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 203
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Harderian Gland	Pituitary Gland

OBSERVATIONS

Bone Marrow			Lymphoma Malignant Lymphocytic	
Brain			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 8,9-1			
Liver			Lymphoma Malignant Lymphocytic	
Lung			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 10-3			
Lymph Node		Axillary	Lymphoma Malignant Lymphocytic	
		Bronchial	Lymphoma Malignant Lymphocytic	
		Deep Cervical	Lymphoma Malignant Lymphocytic	
		Mandibular	Lymphoma Malignant Lymphocytic	
		Mediastinal	Lymphoma Malignant Lymphocytic	
		Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 5-10			
Note: LYMPH MAL LYMP	TGLs = 2-3			
Note: LYMPH MAL LYMP	TGLs = 6-6			
Note: LYMPH MAL LYMP	TGLs = 4-11			
Note: LYMPH MAL LYMP	TGLs = 1-2			
Ovary			Atrophy	Mild
			Lymphoma Malignant Lymphocytic	
Spinal Cord			Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1124	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 203
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14765

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 7-12			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 11-8			
Thymus		Lymphoma Malignant Lymphocytic	
Uterus		Atrophy	Minimal
		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1125	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 285
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Mammary Gland
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Mineralization	Minimal
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-10			
Note: LYMPH MAL LYMP TGLs = 2-2			
Note: LYMPH MAL LYMP TGLs = 1-7			
Nose	Olfactory Epi	Atrophy	Marked
Ovary		Cyst	
		Lymphoma Malignant Lymphocytic	
Note: CYST TGLs = 4-7			
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Spinal Cord		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
Uterus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1125	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 285
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14766

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1126	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 259
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Mammary Gland	Nose
Pancreas	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Harderian Gland, Pituitary Gland

OBSERVATIONS

Bone Marrow			Lymphoma Malignant Lymphocytic	
Brain			Lymphoma Malignant Lymphocytic	
Heart			Lymphoma Malignant Lymphocytic	
			Mineralization	Minimal
Liver			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 4-4			
Lung			Hemorrhage	Minimal
Lymph Node		Axillary	Lymphoma Malignant Lymphocytic	
		Bronchial	Lymphoma Malignant Lymphocytic	
		Mandibular	Lymphoma Malignant Lymphocytic	
		Mediastinal	Lymphoma Malignant Lymphocytic	
		Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 8-10			
Note: LYMPH MAL LYMP	TGLs = 1,7-2			
Note: LYMPH MAL LYMP	TGLs = 3-6			
Note: LYMPH MAL LYMP	TGLs = 2-7			
Ovary			Atrophy	Moderate
Spinal Cord			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 6-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1126	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 259
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14767

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 9-8			
Thymus		Lymphoma Malignant Lymphocytic	
Uterus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1127	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 189
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Heart	Parathyroid Gland
Pituitary Gland			

MISSING

Intestine Large - Rectum	Mammary Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

INSUFFICIENT TISSUE

Harderian Gland

OBSERVATIONS

Brain			Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 4-1+10			
Kidney			Lymphoma Malignant	
Liver			Lymphoma Malignant	
Lymph Node		Bronchial	Lymphoma Malignant	
		Mandibular	Lymphoma Malignant	
		Mediastinal	Lymphoma Malignant	
Note: LYMPH MAL	TGLs = 6-7			
Note: LYMPH MAL	TGLs = 3-3			
Note: LYMPH MAL	TGLs = 2-2			
Thymus			Lymphoma Malignant	
Note: LYMPH MAL	TGLs = 1-2			
Uterus				
Note: EVALUATION.				

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1127	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 189
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14768

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 7 MAY HAVE BEEN A STROMAL POLYP BUT AUTOLYSIS IMPEDES

PRIMARY CAUSE OF DEATH -

Animal Note: GROSSLY ALLOWS DIAGNOSIS OF
Animal Note: LYMPHOMA. - BACTEREMIA
Animal Note: NOT CLASSIFIABLE BUT LESION
Animal Note: CHANGES ARE DIAGNOSABLE. LYMPHOMA IS
Animal Note: AUTOLYSIS IS SEVERE BUT SOME
Animal Note: DISTRIBUTION HISTOLOGICALLY AND

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1128	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 335
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Blood			
Note: BLOOD (TGL 1) IS UNDOUBTABLY DUE TO BONE MARROW ATROPHY.			
Bone Marrow		Atrophy	Marked
Note: ATROPHY TGLs = 1-9			
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Minimal
Liver	Centrilobular	Degeneration	Fatty, Moderate
Note: DEGEN TGLs = 2-4			
Lymph Node	Mandibular	Hyperplasia	Histiocytic, Mild
	Mesenteric	Hyperplasia	Histiocytic, Mild
Ovary		Atrophy	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4-8			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1129	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 325
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Harderian Gland		Adenoma	
Heart		Cardiomyopathy	Minimal
Liver		Hemangiosarcoma	Multiple
Note: [HEMANGIOSARC] TGLs = 1,2,3-4+10+11			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Ovary		Angiectasis	Mild
		Atrophy	Moderate
Note: ANGIECTASIS TGLs = 4-7			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Epithelium, Glandular	Hyperplasia	Minimal
	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA TGLs = 5-8			
Uterus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1130	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma	
Ovary		Atrophy	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Minimal
Note: [HYPERPLASIA] TGLs = 1-8			
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1131	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 289
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Harderian Gland	Heart	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Bronchial	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Urinary Bladder

MISSING

Lymph Node - Mediastinal

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Trachea		

INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Bone Marrow		Atrophy	Marked
Liver		Necrosis	Mild
Note: NECROSIS TGLs = 2-4			
Lymph Node	Mandibular	Hyperplasia	Histiocytic, Mild
Ovary		Atrophy	Moderate
Spleen		Depletion Lymphoid	Mild
		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-8			
Thymus		Necrosis	Mild
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: ANIMAL IS BACTEREMIC

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1132	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 369
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Small - Jejunum	Lymph Node - Bronchial	Lymph Node - Mandibular	Thymus

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Colon	Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Cortex	Hemorrhage	Mild
	Cortex	Hyperplasia	Minimal
Note: AUTOLYSIS HINDERS EVALUATION.			
Note: CORTICAL HEMORRHAGE MAY BE METASTATIC HEMANGIOSARCOMA, BUT			
Brain		Hemorrhage	Minimal
		Mineralization	Minimal
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Necrosis	Mild
Note: HEMANGIOSARC TGLs = 3,5-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
	Alveolar Epith	Hyperplasia	Mild
Note: HEMANGIOSARC TGLs = 2-3			
Ovary		Atrophy	Moderate
Skin			
Note: TGL 6 APPEARS TO BE ARTIFACTUAL, NO HEMORRHAGE OR			
Note: INFLAMMATION.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1132	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 369
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14773

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 4-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 7-8			
Uterus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1133	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 298
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Harderian Gland		Hyperplasia	Minimal
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-11			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Moderate
		Cyst	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-2			
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1134	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 441
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
		Lymphoma Malignant Lymphocytic	
Note: HYPERPLASIA APPEARS TO BE GRANULOCYTIC, THERE ARE LYMPHOMA			
Note: INSIDE MARROW.			
Note: CELLS IN PERITONEAL TISSUE AND MAYBE A FOCUS OR TWO			
Heart	Endothelium	Hyperplasia	Minimal
		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver	Biliar Tract	Cyst	
Note: CYST TGLs = 3-4			
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Mammary Gland		Adenocarcinoma	
Note: SOLID CELL PACKETS WITH NECROTIC CENTERS. SOME ACINI.			
Note: TGL 2 IS NOT A SKIN TUMOR.			
Note: ADENOCARC TGLs = 2-11			
Ovary		Atrophy	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1134	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 441
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14775

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Epithelium, Forestomach	Hyperplasia	Marked
	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA TGLs = 4-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-10+12+13			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1135	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 311
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum

INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 2,3-4			
Lung		Alveolar/Bronchiolar Adenoma	
Ovary		Atrophy	Mild
		Granulosa Cell Tumor Benign	
Stomach	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 4-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1136	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 335
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Hyperplasia	Marked
Note: GRANULOCYTIC HYPERPLASIA.			
Gallbladder		Inflammation	Minimal
Kidney		Metaplasia	Osseous, Minimal
Note: TINY FOCUS OF BONE NEAR PELVIS.			
Liver		Hematopoietic Cell Proliferation	Mild
Note: EXAMINATION OF BLOCK INDICATES RECUT WOULD NOT BE			
Note: RECHECKED WET TISSUE, SHOWS NO PALE FOCUS IN LIVER.			
Note: PRODUCTIVE.			
Lung		Mixed Tumor Malignant	Metastatic (Mammary Gland)
Note: [MIXD TUMOR MAL] TGLs = 3-3			
Mammary Gland		Mixed Tumor Malignant	
Note: [MIXD TUMOR MAL] TGLs = 1-11			
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Note: [HEMA CELL PROL] TGLs = 2-4+10			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 6-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1136	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 335
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14777

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gl
Note: THERE WAS SOME ACUTE (NEW) HEMORRHAGE AROUND THE THYROID,
Note: NOT CONSIDERED SIGNIFICANT.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1137	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 384
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Bronchial	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Mandibular	Lymph Node - Mediastinal

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

INSUFFICIENT TISSUE

Larynx

OBSERVATIONS

Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1,2-4			
Note: TUMOR ADHERED TO LUNG AND HAS SOME INVASION.			
Liver		Eosinophilic Focus	
Ovary		Atrophy	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1138	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 371
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Heart		Hemangiosarcoma	
Liver		Hemangiosarcoma	Metastatic (Heart)
		Necrosis	Moderate
Note: SLIDE 10 HAS CENTRILOBULAR NECROSIS AS WELL AS SCATTERED			
Note: HEMANGIOSARC TGLs = 1,2,3-4+10			
Note: NECROSIS. SCATTERED PREDOMINATES.			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 4-3			
Ovary		Atrophy	Moderate
		Cyst	
	Germinal Epith	Hyperplasia	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1139	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 230
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Larynx	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Harderian Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Medulla	Gallbladder	Intestine Large - Cecum	Intestine Small - Ileum
Intestine Small - Jejunum	Urinary Bladder		

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: AND NOT CONSIDERED SIGNIFICANT.			
Note: LUNG IS CONGESTED, BUT IS PROBABLY AGONAL OR HYPOSTATIC			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-10			
Note: LYMPH MAL LYMP TGLs = 2-3+11			
Ovary		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1139	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 230
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14780

ORGAN AND ACCOUNTABLE SITE STATUS

	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA TGLs = 6-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3,5-10			
Uterus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1140	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 397
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mediastinal	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Mesenteric

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: GRANULOCYTIC CELLS.			
Note: BONE MARROW SEEMS TO HAVE INCREASE IN IMMATURE			
Heart	Endothelium	Hyperplasia	Minimal
Liver		Angiectasis	Mild
	Biliar Tract	Cyst	
		Necrosis	Mild
		Thrombosis	Moderate
Note: THROMBUS TGLs = 7-12			
Note: NECROSIS TGLs = 6-4+12			
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Moderate
Note: SLIDE 11 HAS TGL 8, SLIDE 3 HAS ANOTHER A/B ADENOMA NOT			
Note: ALV BRON ADEN TGLs = 8-3+11			
Note: SEEN GROSSLY.			
Mammary Gland		Adenocarcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1140	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 397
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14781

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SOLID CARCINOMA WITH AREAS OF NECROSIS AND HEMORRHAGE.			
Note: ADENOCARC TGLs = 1,4-2+10+13			
Note: ANAPLASTIC, NOT A SKIN TUMOR.			
Ovary		Angiectasis	Minimal
		Atrophy	Mild
Note: ANGIECTASIS TGLs = 3-7			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-4			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 9-8			
Thymus		Necrosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1141	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 350
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Mediastinal

AUTO PRECLUDES DIAG.

Gallbladder Intestine Small - Jejunum

OBSERVATIONS

Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Necrosis	Moderate
Note: HEMANGIOSARC TGLs = 1-4			
Lung		Hemangiosarcoma	Metastatic (Heart)
Ovary		Atrophy	Mild
		Cyst	
Stomach	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1142	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 222
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Thyroid Gland
Trachea			

MISSING

Harderian Gland	Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Larynx

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic
Bone Marrow		Lymphoma Malignant Lymphocytic
Kidney		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 3-5		
Liver		Lymphoma Malignant Lymphocytic
Lung		Lymphoma Malignant Lymphocytic
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic
	Bronchial	Lymphoma Malignant Lymphocytic
	Deep Cervical	Lymphoma Malignant Lymphocytic
	Inguinal	Lymphoma Malignant Lymphocytic
	Mandibular	Lymphoma Malignant Lymphocytic
	Mesenteric	Lymphoma Malignant Lymphocytic
	Renal	Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 6-11		
Note: LYMPH MAL LYMP TGLs = 5-14		
Note: LYMPH MAL LYMP TGLs = 4-15		
Note: LYMPH MAL LYMP TGLs = 10-10		
Note: LYMPH MAL LYMP TGLs = 7-12		
Note: LYMPH MAL LYMP TGLs = 1-7		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1142	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 222
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14783

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
Spinal Cord		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 9-13			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Note: HYPERPLASIA TGLs = 11-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 8-2+3			
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1143	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 300
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Thyroid Gland
Trachea			

MISSING

Intestine Large - Rectum

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Atrophy	Marked
		Lymphoma Malignant Lymphocytic	
Note: ATROPHY TGLs = 10-9			
Heart		Cardiomyopathy	Moderate
		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
		Necrosis	Mild
Note: [LYMPH MAL LYMP] TGLs = 2-4			
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 8-5			
Liver		Lymphoma Malignant Lymphocytic	
		Necrosis	Minimal
Note: LYMPH MAL LYMP TGLs = 7-4			
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1143	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 300
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14784

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6-6			
Note: LYMPH MAL LYMP TGLs = 1-2+10			
Ovary		Angiectasis	Marked
		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
Note: [ANGIECTASIS] TGLs = 5-7			
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 9-8			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-4+10			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Glandular	Lymphoma Malignant Lymphocytic	
Note: HYPERPLASIA TGLs = 11-8			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1144	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 450
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Small - Duodenum

AUTO PRECLUDES DIAG.

Gallbladder Intestine Small - Jejunum

OBSERVATIONS

Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 5,6-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	
	Centrilobular	Necrosis	Moderate
Note: HEMANGIOSARC TGLs = 6,7-4+10			
Note: HEPATOCLR ADEN TGLs = 8-10			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hemangiosarcoma	Metastatic (Heart)
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: ALV BRON CARC TGLs = 3-3			
Note: THE LARGEST LESION DESCRIBED GROSSLY AND PRESENT			
Note: HEMANGIOSARC TGLs = 4-3			
Note: INFILTRAT CELL TGLs = 10-3			
Note: CARDIAC.			
Note: TGL 10 MAY BE FOCUS OF HISTIOCYTOSIS IN APICAL LOBE, NOT			
Note: HISTOLOGICALLY IS IN CARDIAC LOBE, NOT APICAL (TGL 3).			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1144	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 450
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14785

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Bronchial	Congestion	Moderate
	Mediastinal	Congestion	Moderate
Note: CONGESTION TGLs = 2-2			
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 1-12			
Note: TGL 1 IS NOT A SKIN TUMOR.			
Nose		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 11-8			
Thymus		Necrosis	Mild
Uterus		Atrophy	Minimal
Zymbal's Gland		Adenoma	
Note: ADENOMA TGLs = 9-11			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1145	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 257
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Mammary Gland	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Harderian Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-4			
Lung	Peribronchiolr	Inflammation	Pyogranulomat, Minimal
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-2			
Note: LYMPH MAL LYMP TGLs = 6-12			
Note: LYMPH MAL LYMP TGLs = 7-11			
Note: LYMPH MAL LYMP TGLs = 8-10			
Note: LYMPH MAL LYMP TGLs = 1-7			
Nose	Olfactory Epi	Atrophy	Moderate
Note: RECOVERED WITH SINGLE LAYER OF SQUAMOUS-LIKE EPITHELIUM IN			
Note: MOST PLACES WHERE AFFECTED. AXONAL DEGENERATION ALSO.			
Note: ATROPHY, MIDDLE AND POSTERIOR SECTION. DENUDED EPITHELIAL			
Ovary		Adenoma	
		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1145	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 257
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14786

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Lymphoma Malignant Lymphocytic	
Note: HYPERPLASIA TGLs = 9-13			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1146	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 376
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Kidney	Larynx
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Bronchial	Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Heart		Hemangiosarcoma	
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 6,7-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Heart)
Note: ALV BRON ADEN TGLs = 5-3			
Note: ASSOCIATED WITH METASTATIC HEMANGIOSARCOMA. RBC'S ARE			
Note: PRESENT IN NASAL CAVITY.			
Note: HEMANGIOSARC TGLs = 1,2,3,4-3			
Note: TGL 1,2,3,4 ARE RELATED TO THE SEVERE HEMORRHAGE			
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 8-10			
Thymus		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1146	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 376
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14787

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1147	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Jejunum			

OBSERVATIONS

Brain		Histiocytic Sarcoma	
Harderian Gland		Hyperplasia	Moderate
Heart		Mineralization	Minimal
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Marked
Note: [HISTIO SARC] TGLs = 6-4			
Lung		Hemorrhage	Minimal
		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 7-3			
Note: [HISTIO SARC] TGLs = 2-3			
Lymph Node	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-3+10			
Ovary		Atrophy	Marked
		Cyst	
Note: BLOOD FILLED CYST, THROMBUS, NOT SUBDIVIDED ENOUGH FOR			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1147	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 366
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14788

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMANGIOSARCOMA DIAGNOSIS.			
Note: CYST TGLs = 3-7			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-4			
Stomach	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Minimal
Note: PIGMENT TGLs = 9-8			
Thymus		Histiocytic Sarcoma	
Uterus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1148	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 285
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Brain		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-3			
Note: [LYMPH MAL LYMP] TGLs = 3-10			
Ovary		Angiectasis	Minimal
		Atrophy	Moderate
		Cyst	
		Lymphoma Malignant Lymphocytic	
Note: CYST TGLs = 6-7			
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1148	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 285
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14789

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP	TGLs = 7-4		
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 1,4-10		
Uterus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1149	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 283
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Pancreas
Salivary Glands	Skin	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Brain		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4			
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-6			
Note: LYMPH MAL LYMP TGLs = 6-3			
Note: LYMPH MAL LYMP TGLs = 2-10			
Nose	Olfactory Epi	Atrophy	Marked
Note: IN MOST AREAS. NOT CONSIDERED SQUAMOUS METAPLASIA.			
Note: EPITHELIUM AND IS COVERED BY THIN LAYER OF SQUAMOUS CELLS			
Note: 2ND AND 3RD NASAL SECTIONS WIDESPREAD LOSS OF OLFACTORY			
Ovary		Atrophy	Mild
		Lymphoma Malignant Lymphocytic	
Parathyroid Gland		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1149	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 283
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14790

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant Lymphocytic	
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-10			
Thyroid Gland		Lymphoma Malignant Lymphocytic	
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1150	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 275
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Eye	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain	Ventricle	Cyst Epithelial Inclusion	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-3			
Note: LUNG CONGESTION (RED) PROBABLY DUE TO LYMPHOMA.			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-10			
Note: LYMPH MAL LYMP TGLs = 3-3			
Ovary		Angiectasis	Mild
		Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 7-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6,4-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1151	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 401
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Brain		Mineralization	Minimal
Mammary Gland		Hyperplasia	Mild
Ovary		Angiectasis	Minimal
		Atrophy	Moderate
Note: ANGIECTASIS TGLs = 2-7			
Skin	Subcut Tiss	Sarcoma	
Note: EVIDENCE FOR HEMANGIOSARCOMA.			
Note: SQ MASS IS PLEOMORPHIC AND ANAPLASTIC, NOT ENOUGH			
Note: SARCOMA TGLs = 1-10+11			
Stomach	Forestomach	Squamous Cell Papilloma	Multiple
Note: SQ CL PAPILLOM TGLs = 3-8			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1152	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 387
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: MEGAKARYOCYTES SOMEWHAT INCREASED AS ARE A HISTIOCYTIC			
Note: TYPE CELL.			
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 10-14			
Kidney		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Note: [ALV BRON CARC] TGLs = 4-5			
Liver		Eosinophilic Focus	
Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 1,2,3-3+10			
Note: [ALV BRON CARC] TGLs = 6-3+11+12			
Lymph Node	Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Note: [ALV BRON CARC] TGLs = 7-2			
Mesentery	Fat	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 8-15			
Ovary		Atrophy	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 9-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1152	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 387
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14793

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Uterus		Atrophy	Minimal
Zymbal's Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 5-13			
Note: TGL 5 MORE CORRECTLY REFERS TO ZYMBAL'S GLAND THAN SKIN.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1153	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 341
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Gallbladder

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Trachea

INSUFFICIENT TISSUE

Larynx

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
	Medulla	Hematopoietic Cell Proliferation	Mild
Brain		Infiltration Cellular	Mixed Cell, Mild
		Mineralization	Minimal
Note: MIXED CELL INFILTRATE IS EMHP.			
Liver		Hematopoietic Cell Proliferation	Minimal
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 1-10			
Note: TUMOR IS MAMMARY, NOT SKIN (TGL 1). TUMOR IS PLEOMORPHIC.			
Note: TYPE A, TYPE B AND SOME SQUAMOUS DIFFERENTIATION IN AREAS.			
Ovary		Atrophy	Moderate
		Cyst	
Note: CYST TGLs = 2-7			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-4			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1153	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 341
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14794

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1154	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 330
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spinal Cord	Spleen
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Stomach - Glandular

OBSERVATIONS

Bone	Vertebra	Lymphoma Malignant Lymphocytic	
Note: TO CORD (TGL 4).			
Note: LYMPH MAL LYMP TGLs = 4-12			
Note: LYMPHOMA INFILTRATE IS IN FAT AROUND VERTEBRAE, NOT NEXT			
Bone Marrow		Lymphoma Malignant Lymphocytic	
Harderian Gland		Adenoma	
		Inflammation	Chronic, Moderate
Heart		Lymphoma Malignant Lymphocytic	
Intestine Small	Jejunum	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6-11			
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-3			
Note: LYMPH MAL LYMP TGLs = 2-10			
Ovary		Atrophy	Moderate
		Granulosa Cell Tumor Benign	
	Germinal Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1154	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 330
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14795

ORGAN AND ACCOUNTABLE SITE STATUS

Note: GRANLSA TM BGN TGLs = 7-7			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-10			
Uterus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1155	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Gallbladder
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mediastinal

OBSERVATIONS

Adrenal Gland	Cortex	Adenocarcinoma	Metastatic (Mammary Gland)
	Medulla	Adenocarcinoma	Metastatic (Mammary Gland)
Note: ADENOCARC TGLs = 7-7			
Note: ADENOCARC TGLs = 7-7			
Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW APPEARS GRANULOCYTIC.			
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 4-4			
Liver		Adenocarcinoma	Metastatic (Mammary Gland)
		Hemangiosarcoma	Metastatic (Heart)
		Necrosis	Mild
Note: HEMANGIOSARC TGLs = 2-4			
Note: ADENOCARC TGLs = 6-4			
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 9-3			
Note: ADENOCARC TGLs = 5-3			
Mammary Gland		Adenocarcinoma	
Note: TGL 1 IS MAMMARY, NOT SKIN.			
Note: ADENOCARC TGLs = 1-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1155	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14796

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Atrophy	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 3-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 8-8			
Uterus		Atrophy	Mild
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1156	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 285
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thyroid Gland	Trachea		

MISSING

Lymph Node - Bronchial	Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone	Periosteum	Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 8-10			
Bone Marrow		Atrophy	Marked
Note: ATROPHY IS RELATED TO TGL 1 AND CENTRILOBULAR NECROSIS OF			
Note: ATROPHY TGLs = 1-9			
Note: LIVER IS CONSISTENT WITH ANEMIA ALSO.			
Heart		Mineralization	Mild
Liver	Centrilobular	Necrosis	Mild
Note: NECROSIS TGLs = 6-4			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 3-3			
Lymph Node	Mediastinal	Congestion	Mild
	Mesenteric	Congestion	Moderate
Note: CONGESTION TGLs = 5-2			
Note: CONGESTION TGLs = 10-6			
Nose	Olfactory Epi	Atrophy	Marked
Ovary		Atrophy	Moderate
Stomach	Forestomach	Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1156	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 285
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14797

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SQ CL PAPILLOM TGLs = 9-8			
Urinary Bladder		Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 4-8			
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: EVIDENCE IS NOT CONVINCING FOR LYMPHOMA.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1157	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 272
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Blood	Lymph Node - Mediastinal

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
Note: ATROPHY TGLs = 1-9			
Heart		Mineralization	Minimal
	Atrium	Thrombosis	Mild
Liver	Centrilobular	Degeneration	Fatty, Mild
	Centrilobular	Necrosis	Mild
Note: DEGEN TGLs = 2-4			
Ovary		Atrophy	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Glandular	Pigmentation	Hemosiderin, Mild
	Glandular	Ulcer	Mild
Note: ULCER TGLs = 4-8			
Note: HYPERPLASIA TGLs = 5-8			
Thymus		Necrosis	Mild
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1158	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 221
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Harderian Gland	Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-2			
Ovary		Angiectasis	Mild
		Atrophy	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 5-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2,4-2			
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1159	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 11
	DOSE: 625 PPM	**DISP:** Accident	**HISTO:** 14800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Lymph Node - Mediastinal	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

Brain		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 1-1		
Lung		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 3-3		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1160	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Small - Ileum	Lymph Node - Mandibular

OBSERVATIONS

Harderian Gland		Adenoma	
Ovary		Atrophy	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 1-8			
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1161	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Harderian Gland	Lymph Node - Mediastinal

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Moderate
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-10			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2-8			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1162	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 392
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Intestine Small - Duodenum	Lymph Node - Mandibular

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Jejunum

OBSERVATIONS

Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 3-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
	Centrilobular	Necrosis	Moderate
Note: HEMANGIOSARC TGLs = 1,6-4			
Lung		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 5-3			
Lymph Node	Bronchial	Congestion	Moderate
	Mediastinal	Congestion	Moderate
Note: CONGESTION TGLs = 4-2			
Ovary		Angiectasis	Moderate
		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Note: HEMA CELL PROL TGLs = 2-4			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 8-8			
Thymus		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1162	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 392
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14803

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1163	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 280
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lymph Node - Mandibular
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma	
Note: LUNG TUMOR HAS SOME AREAS CLOSE TO CARCINOMA.			
Note: ALV BRON ADEN TGLs = 2-3			
Mammary Gland		Adenocarcinoma	
Note: GLANDULAR, SOLID WITH CENTRAL AREAS OF NECROSIS. MANY			
Note: ADENOCARC TGLs = 1-10			
Note: MITOSES. ANAPLASTIC.			
Note: TGL 1 IS MAMMARY GLAND AND TUMOR IS VERY PLEOMORPHIC;			
Ovary		Angiectasis	Mild
		Atrophy	Moderate
		Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1164	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 300
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mediastinal

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Histiocytic Sarcoma	
Blood			
Note: "THIN BLOOD" (TGL 2) UNDOUBTEDLY RELATED TO HISTIO SARC			
Kidney		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-5			
Liver		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2,3-4			
Lung		Hemorrhage	Minimal
		Histiocytic Sarcoma	
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 6-2+3+6			
Mammary Gl			
Note: TGL 6 IS A SUBCUT. LYMPH NODE, NOT MAMMARY GLAND.			
Nose	Olfactory Epi	Atrophy	Moderate
	Olfactory Epi	Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1164	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 300
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14805

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Atrophy	Mild
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 1-4+10			
Stomach	Glandular	Histiocytic Sarcoma	
	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-8			
Thymus		Histiocytic Sarcoma	
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1165	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 246
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Pancreas
Parathyroid Gland	Salivary Glands	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Adrenal Gland - Medulla	Harderian Gland

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
		Thrombosis	Mild
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
		Thrombosis	Mild
Note: LYMPH MAL LYMP TGLs = 6-5			
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-4			
Lung		Hemorrhage	Minimal
		Lymphoma Malignant Lymphocytic	
		Thrombosis	Moderate
Note: HEMORRHAGE TGLs = 7-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-2			
Mammary Gland		Lymphoma Malignant Lymphocytic	
Nose		Lymphoma Malignant Lymphocytic	
Ovary		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1165	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 246
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14806

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland		Lymphoma Malignant Lymphocytic	
Skin	Subcut Tiss	Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 5-11			
Spinal Cord		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-4			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 8-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-2			
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1166	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal	Parathyroid Gland

OBSERVATIONS

Ovary		Atrophy	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Minimal

Note: [HYPERPLASIA] TGLs = 2-8
Note: EPITHELIUM AT THE SQUAMOUS/GLANDULAR JUNCTION (IS NORMAL
Note: TGL 3 MAY BE A MORE PROMINENT THAN USUAL FOLD OF SQUAMOUS
Note: AND NOT IN GLANDULAR STOMACH).

Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1167	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 282
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Harderian Gland	Lymph Node - Bronchial	Lymph Node - Mandibular

OBSERVATIONS

Ovary		Atrophy	Moderate
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 1-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1168	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 425
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Harderian Gland	Intestine Large - Rectum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum			

OBSERVATIONS

Brain		Mineralization	Minimal
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-4			
Lung	Mediastinum	Hemangiosarcoma	Metastatic (Heart)
		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 1-2			
Note: HEMANGIOSARC TGLs = 3,7-3			
Lymph Node	Mediastinal	Congestion	Mild
Note: CONGESTION TGLs = 6-2			
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Mild
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 5-10			
Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1169	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 356
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Pituitary Gland	Salivary Glands
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum

OBSERVATIONS

Harderian Gland			Adenoma	
Liver			Hemangiosarcoma	Metastatic (Skin)
Note: HEMANGIOSARC	TGLs = 2,3-4+11			
Lung			Hemangiosarcoma	Metastatic (Skin)
Ovary			Atrophy	Moderate
		Germinal Epith	Hyperplasia	Mild
Skin		Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC	TGLs = 4-10			
Spleen			Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL	TGLs = 1-4			
Stomach		Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM	TGLs = 5-8			
Uterus			Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1170	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 253
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Larynx
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

INSUFFICIENT TISSUE

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6-4			
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Hemorrhage	Minimal
		Lymphoma Malignant Lymphocytic	
Note: HEMORRHAGE TGLs = 4-4			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 5-4]			
[Lymphoma Malignant Lymphocytic TGLS = 2-10]			
Mammary Gland		Hyperplasia	Minimal
Nose		Lymphoma Malignant Lymphocytic	
Ovary		Angiectasis	Moderate
		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1170	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 253
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14811

ORGAN AND ACCOUNTABLE SITE STATUS

	Lymphoma Malignant Lymphocytic
Pituitary Gland	Lymphoma Malignant Lymphocytic
Spleen	Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 1-4	
Thymus	Lymphoma Malignant Lymphocytic
[Lymphoma Malignant Lymphocytic TGLS = 3-10]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1171	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 425
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Note: BONE MARROW APPEARS GRANULOCYTIC.			
Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Marked
Heart	Endothelium	Hyperplasia	Minimal
		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Lymphoma Malignant Lymphocytic	
		Mixed Tumor Malignant	Metastatic (Mammary Gland)
Note: ALV BRON CARC TGLs = 2,3,8-3+11+12			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-3			
Note: LYMPH MAL LYMP TGLs = 6-2			
Mammary Gland		Mixed Tumor Malignant	
Note: NEOPLASM. HIGHLY ANAPLASTIC SPINDLE CELL TUMOR INTRLACED			
Note: TGL 1 IS NOT A SKIN TUMOR BUT APPEARS TO BE A MAMMARY			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1171	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 425
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14812

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SWEEPING BUNDLES AT RIGHT ANGLES TO EACH OTHER. SIMILAR TO			
Note: LIKE CELLS. MALIGNANT EPITHELIAL PLUS MYOEPITHELIAL			
Note: [MIXD TUMOR MAL] TGLs = 1-10			
Note: LEIOMYOSARCOMA. ONE CORNER HAS SOLID FOCI OF CARCINOMA-			
Ovary		Atrophy	Moderate
		Cyst	
	Germinal Epith	Hyperplasia	Mild
Note: BLOOD FILLED CYST.			
Note: CYST TGLs = 7-7			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Mild
Note: [HYPERPLASIA] TGLs = 9-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1172	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 418
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Intestine Large - Colon
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Pituitary Gland	Salivary Glands
Skin	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

OBSERVATIONS

Heart	Endothelium	Hyperplasia	Mild
Liver		Hepatocellular Carcinoma	
		Necrosis	Moderate
Note: NECROSIS TGLs = 6,7-4			
Note: HEPATOCLR CARC TGLs = 3-11			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Minimal
Note: ALV BRON ADEN TGLs = 5-3+10			
Mesentery	Fat	Hemangiosarcoma	Metastatic (Spleen)
Note: HEMANGIOSARC TGLs = 1-13			
Ovary		Atrophy	Marked
	Germinal Epith	Hyperplasia	Mild
Spleen		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-12			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Glandular	Pigmentation	Hemosiderin, Mild
	Forestomach	Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1172	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 418
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14813

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [PIGMENT] TGLs = 9-8		
Note: [HYPERPLASIA] TGLs = 8-8		
Thymus	Necrosis	Mild
Uterus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1173	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 296
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Harderian Gland	Heart
Kidney	Lymph Node - Bronchial	Lymph Node - Mediastinal	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach			

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Pituitary Gland
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Bone Marrow		Atrophy	Marked
Brain		Hemorrhage	Minimal
Liver	Centrilobular	Necrosis	Mild
Ovary		Angiectasis	Minimal
		Atrophy	Mild
Skeletal Muscle		Hemorrhage	
Note: HEMORRHAGE TGLs = 3-10			
Tissue NOS			
Note: BACTEREMIC OR ABUNDANT POST MORTEM BACTERIAL GROWTH			

PRIMARY CAUSE OF DEATH -

Animal Note: BACTEREMIC OR ABUNDANT POST MORTEM BACTERIAL GROWTH

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1174	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 329
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Larynx	Liver	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Glandular	Thyroid Gland	Trachea	

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
		Lymphoma Malignant Lymphocytic	
Note: ATROPHY TGLs = 6-9			
Brain		Mineralization	Minimal
Heart		Hemangiosarcoma	
		Mineralization	Minimal
Intestine Small	Jejunum	Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 4-6			
Lung		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 2-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-7			
Note: LYMPH MAL LYMP TGLs = 3-11			
Mammary Gland		Lymphoma Malignant Lymphocytic	
Ovary		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spinal Cord		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1174	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 329
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14815

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 5-10			
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 7-8			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1175	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 373
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Kidney	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach - Glandular
Thyroid Gland	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Trachea			

INSUFFICIENT TISSUE

Larynx

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Heart		Hemangiosarcoma	
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 3-4			
Lung		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 1,6-3			
Ovary		Atrophy	Moderate
Skin	Subcut Tiss	Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 5-10			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-4			
Stomach	Forestomach	Squamous Cell Papilloma	
	Forestomach	Ulcer	Minimal
Note: SQ CL PAPILLOM TGLs = 7-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1175	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 373
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14816

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Necrosis	Mild
Uterus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1176	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 367
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Trachea		

OBSERVATIONS

Brain		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 8-1			
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-4			
Liver		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 7-4			
Lung		Hemangiosarcoma	Metastatic (Heart)
Note: HEMANGIOSARC TGLs = 1,3,4,5-3			
Note: HEMORRHAGE THAT OCCURRED ALONG WITH METASTATIC			
Note: HEMANGIOSARCOMA IS UNDOUBTEDLY RELATED TO TGL 1,3,4,5.			
Ovary		Angiectasis	Mild
		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Mild
Stomach	Forestomach	Squamous Cell Papilloma	
	Forestomach	Ulcer	Mild
Note: SQ CL PAPILLOM TGLs = 10-8			
Thymus		Necrosis	Mild
Uterus		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1176	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 367
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14817

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CYST TGLs = 6-10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1177	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 316
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mediastinal	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Mandibular	Thymus

OBSERVATIONS

Lung	Mediastinum	Sarcoma	Metastatic (Skin)
		Sarcoma	Metastatic (Skin)
Ovary		Atrophy	Moderate
Skin	Subcut Tiss	Sarcoma	Multiple
Note: SARCOMA TGLs = 1,2-10+11+12			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1178	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 357
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mediastinal
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Harderian Gland	Lymph Node - Bronchial	Parathyroid Gland	Thymus

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: HYPERPLASIA IS GRANULOCYTIC.			
Heart		Hemangiosarcoma	
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hematopoietic Cell Proliferation	Minimal
Note: HEMANGIOSARC TGLs = 4-4			
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 3-3			
Note: CONSISTENT WITH ADENOMA OR CARCINOMA.			
Note: ALVEOLAR EPITHELIAL HYPERPLASIA HAS ONE FOCUS OF ATYPICAL			
Note: EPITHELIAL CELLS THAT CONFOUNDS DIAGNOSIS BUT IS NOT			
Mammary Gland		Mixed Tumor Malignant	
Note: [MIXD TUMOR MAL] TGLs = 2-11			
Ovary		Atrophy	Moderate
		Cyst	
Note: CYST TGLs = 5-7			
Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1178	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 357
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14819

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 1-4+10			
Stomach	Epithelium, Forestomach	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 6-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1179	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 257
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Mammary Gland
Nose	Pancreas	Pituitary Gland	Salivary Glands
Skin	Thyroid Gland	Trachea	Uterus

MISSING

Harderian Gland	Lymph Node - Bronchial	Parathyroid Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Mineralization	Mild
Note: MINERALIZATION TGLs = 4-4			
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-5			
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-4			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-2			
Ovary		Atrophy	Moderate
		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Note: HYPERPLASIA TGLs = 6-8			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1179	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 257
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14820

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1180	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 316
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Islets, Pancreatic	Larynx	Parathyroid Gland	Skin
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Gallbladder		Lymphoma Malignant Lymphocytic	
Harderian Gland		Adenoma	
Heart		Lymphoma Malignant Lymphocytic	
		Necrosis	Minimal
Intestine Small	Duodenum	Lymphoma Malignant Lymphocytic	
	Jejunum	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 9-13			
Note: LYMPH MAL LYMP TGLs = 8-13			
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-5+12			
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 7-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-14			
Note: LYMPH MAL LYMP TGLs = 2-7+11+15			
Note: LYMPH MAL LYMP TGLs = 6-2			
Mammary Gland		Lymphoma Malignant Lymphocytic	
Nose		Lymphoma Malignant Lymphocytic	
Ovary		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1180	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 316
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14821

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4+10			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Note: HYPERPLASIA TGLs = 10-8			
Note: LYMPH MAL LYMP TGLs = 5-8			
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Atrophy	Minimal
		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1181	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 418
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Bronchial	Lymph Node - Mediastinal

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW PREDOMINATELY GRANULOCYTIC.			
Harderian Gland		Adenoma	
Heart		Hemangiosarcoma	
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Mild
Note: HEMANGIOSARC TGLs = 2-4+11			
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mandibular	Adenocarcinoma	Metastatic (Mammary Gland)
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 1,3-10+12			
Note: OCCASSIONAL NECROTIC CORES. RARE ACINI SEEN. SO IS TGL 1.			
Note: TGL 3 IS A SOLID MAMMARY TUMOR DIVIDED INTP PACKETS WITH			
Ovary		Atrophy	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 4-8			
Thymus		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1181	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 418
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14822

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Atrophy	Minimal
	Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1182	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 230
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Harderian Gland	Lymph Node - Bronchial	Lymph Node - Mediastinal	Lymph Node - Mesenteric

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
Heart		Mineralization	Mild
	Atrium	Thrombosis	Marked
Note: THROMBUS TGLs = 3-4			
Liver		Inflammation	Chronic, Mild
	Centrilobular	Necrosis	Mild
Note: NECROSIS TGLs = 1-4			
Lymph Node	Mandibular	Hyperplasia	Histiocytic, Moderate
Ovary		Atrophy	Moderate
Spleen		Hyperplasia	Histiocytic, Marked
Thymus		Necrosis	Mild
Urinary Bladder		Hyperplasia	Histiocytic, Mild
Uterus		Atrophy	Minimal
		Hyperplasia	Histiocytic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1183	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 376
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Larynx	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Thyroid Gland
Trachea	Uterus		

MISSING

Lymph Node - Bronchial	Lymph Node - Mesenteric

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Note: HYPERPLASIA SEEMS GRANULOCYTIC.			
Heart		Hemangiosarcoma	
Intestine Small	Jejunum	Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 6-6			
Kidney		Squamous Cell Carcinoma	Metastatic (Stomach)
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Mild
		Squamous Cell Carcinoma	Metastatic (Stomach)
Note: BILE DUCTS DILATED AND EVIDENCE OF EDEMA AROUND SOME			
Note: PORTAL TRIADS. CAN'T APPRECIATE ANY GALLBLADDER CHANGES.			
Note: HEMANGIOSARC TGLs = 10-4+14			
Note: [SQUAM CEL CARC] TGLs = 8-4+13+14			
Lung		Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [SQUAM CEL CARC] TGLs = 9-3			
Lymph Node	Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach)
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1183	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 376
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14824

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Squamous Cell Carcinoma	Metastatic (Stomach)
Skin	Subcut Tiss	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [SQUAM CEL CARC] TGLs = 3-12			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 2-4+10			
Stomach	Forestomach	Squamous Cell Carcinoma	
	Glandular	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: [SQUAM CEL CARC] TGLs = 1,4-11			
Thymus		Necrosis	Mild
Urinary Bladder		Squamous Cell Carcinoma	Metastatic (Stomach)

PRIMARY CAUSE OF DEATH -

Animal Note: TGL 10 IS IN LIVER, NOT MESENTERIC LYMPHNODE.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1184	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 315
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Basophilic Focus	
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-4+12			
Note: [BASOPH FOCUS] TGLs = 5-12			
Lung	Alveolar Epith	Hyperplasia	Minimal
		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6-13			
Note: LYMPH MAL LYMP TGLs = 3-6			
Ovary		Atrophy	Moderate
		Granulosa Cell Tumor Benign	
Pancreas	Acinus	Lymphoma Malignant Lymphocytic	
Spinal Cord		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1184	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 315
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14825

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4+10			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-2+11			
Uterus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1185	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 385
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
		Lymphoma Malignant Lymphocytic	
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Heart	Endothelium	Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 7-5			
Liver		Hematopoietic Cell Proliferation	Mild
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
		Lymphoma Malignant Lymphocytic	
Note: ALV BRON CARC TGLs = 5-3			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 8-3			
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 1-10			
Ovary		Angiectasis	Marked
		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1185	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 385
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14826

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ANGIECTASIS TGLs = 6-7			
Pancreas	Duct	Cyst	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-11+4			
Note: HEMA CELL PROL TGLs = 2-4+11			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 9-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3,4-12			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1186	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mediastinal
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Brain		Hemorrhage	Minimal
Heart		Hemangiosarcoma	
Kidney		Hemangiosarcoma	Metastatic (Heart)
Liver		Hemangiosarcoma	Metastatic (Heart)
		Hepatocellular Adenoma	
		Necrosis	Mild
Note: HEMANGIOSARC TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
Note: HEMORRHAGE TGLs = 3-3			
Lymph Node	Mesenteric	Hyperplasia	Mild
Ovary		Atrophy	Moderate
		Granulosa Cell Tumor Benign	
	Germinal Epith	Hyperplasia	Minimal
	Granulosa Cell	Hyperplasia	Mild
Skin	Subcut Tiss	Neurofibrosarcoma	
Note: NEUROFIBROSARC TGLs = 1-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1186	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 625 PPM	**DISP:** Interval Sacrifice	**HISTO:** 14827

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SEVERAL HUGE GIANT NUCLEI SCATTERED THOUGH MASS.			
Note: SKIN MASS APPEARS NEURAL, SOME APPARENT VEROCAY BODIES.			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 4-4			
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 5-8			
Uterus		Atrophy	Minimal
		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1187	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 418
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Mandibular	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Esophagus	Lymph Node - Bronchial	Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Note: BONE MARROW SEEMS GRANULOCYTIC.			
Harderian Gland		Adenoma	
Heart	Endothelium	Hyperplasia	Moderate
Liver		Necrosis	Mild
		Squamous Cell Carcinoma	Metastatic (Stomach)
Note: SQUAM CEL CARC TGLs = 4-4			
Lung		Infiltration Cellular	Mixed Cell, Mild
	Mediastinum	Squamous Cell Carcinoma	Metastatic (Stomach)
Lymph Node	Mediastinal	Hematopoietic Cell Proliferation	Mild
	Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach)
	Mesenteric	Squamous Cell Carcinoma	Metastatic (Stomach)
Mesentery	Fat	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: SQUAM CEL CARC TGLs = 1,3-5+7+11			
Ovary		Atrophy	Marked
Pancreas	Acinus	Squamous Cell Carcinoma	Metastatic (Stomach)
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Squamous Cell Carcinoma	
	Glandular	Squamous Cell Carcinoma	Metastatic (Stomach)
Note: SOMEWHAT SARCOMATOUS IN AREAS.			
Note: SQUAMOUS CELL CARCINOMA BECOMES VERY NEOPLASTIC AND			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1187	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 418
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14828

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SQUAM CEL CARC	TGLs = 2-10		
Thymus		Necrosis	Mild
Uterus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1188	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 232
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Colon	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Uterus	

MISSING

Harderian Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Urinary Bladder		

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: WHILE HYPOSTATIC CONGESTION MAY ACCOUNT FOR TGL 6 IT IS NOT			
Note: CONSIDERED A SIGNIFICANT LESION.			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-11			
Note: LYMPH MAL LYMP TGLs = 5-10			
Ovary		Atrophy	Moderate
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA TGLs = 7-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3,4-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1188	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 232
	DOSE: 625 PPM	**DISP:** Dead	**HISTO:** 14829

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1189	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 280
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Eye	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6-4			
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-5			
Lung	Alveolar Epith	Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-11			
Note: LYMPH MAL LYMP TGLs = 7-3			
Ovary		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 9-7			
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Glandular	Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 10-8			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3,4-11			
Urinary Bladder		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 1-8			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1189	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 280
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14830

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

Animal Note: LYMPHOMA HAS GIANT CELLS IN PLACES.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1190	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 364
	DOSE: 625 PPM	**DISP:** Moribund	**HISTO:** 14831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Uterus

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Harderian Gland		Hyperplasia	Mild
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Mammary Gland		Adenocarcinoma	
Note: TGL 1 IS MAMMARY RATHER THAN SKIN.			
Note: ADENOCARC TGLs = 1-10			
Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Minimal
Pancreas	Acinus	Atrophy	Minimal
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 3-8			
Thymus		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Note: ONE LOBE IS ATROPHIC WHILE THE OTHER IS NEOPLASTIC.			
Urinary Bladder		Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 2-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE