Study Number:	C20302B-03
Study Sex:	Both
PWG Approval Date:	See web page for date of PWG Approval
Version:	v1.6.4

ANIMAL ID: 1	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD709
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700686

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LUNG	LEFT	FOCUS	WHITE, TGL2, 1
	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL3, 2
Observation Comment: multiple; up to 3x4mm			
Observation Comment: multiple; up to 4x1mm			
[FOCUS TGLS = TGL2, 1]			
[FOCUS TGLS = TGL3, 2]			
PHARYNX		MASS	TAN, TGL1
Observation Comment: 12x9x3mm; TGL1 extends from pharyngeal opening to even with rostral molars on hard palate			
[MASS TGLS = TGL1]			

ANIMAL ID: 1	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD709
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700686

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LIVER	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

No Section Present

LYMPH NODE, BRONCHIAL	PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND		ACCESSORY ADRENOCORTICAL NODULE	
	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LARYNX		FOREIGN BODY	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 2-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-8, TGL2-7, Gross Finding = LUNG; LEFT; FOCUS; WHITE; TGL2, 1]			
[INFILTRATION CELLULAR TGLS = TGL3-8, TGL2-7, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL3, 2]			
PHARYNX		SQUAMOUS CELL CARCINOMA	
[SQUAMOUS CELL CARCINOMA TGLS = TGL 1-19, Gross Finding = PHARYNX; MASS; TAN; TGL1]			
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

CONTRIBUTORY CAUSE OF DEATH - PHARYNX; SQUAMOUS CELL CARCINOMA

ANIMAL ID: 2	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD643
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700687

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

ADRENAL GLAND	RIGHT	MASS	RED, TGL1
Observation Comment: 20x16x7mm			
[MASS TGLS = TGL1]			
THYROID GLAND	RIGHT	ENLARGED	DARK, TGL2
Observation Comment: 2x			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 2	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD643
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700687

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	MEDULLA	HYPERTROPHY	FOCAL, MINIMAL
		PHEOCHROMOCYTOMA	MALIGNANT
[PHEOCHROMOCYTOMA TGLS = TGL 1-18, Gross Finding = ADRENAL GLAND; RIGHT; MASS; RED; TGL1]			
BRAIN		GRANULAR CELL TUMOR	BENIGN
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
[HYPERPLASIA TGLS = TGL 2-12, Gross Finding = THYROID GLAND; RIGHT; ENLARGED; DARK; TGL2]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - BRAIN; GRANULAR CELL TUMOR; BENIGN

ANIMAL ID: 3	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700688

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 3	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700688

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PREPUTIAL GLAND	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LARYNX		FOREIGN BODY	
LIVER		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	EPITHELIUM, ALVEOLUS	HYPERPLASIA	MILD
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PITUITARY GLAND	PARS DISTALIS	CYST	
	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
PROSTATE		ADENOMA	
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 4	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD622
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700689

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER	DEFORMITY	DARK, TGL2
Observation Comment: TGL2 = granular, affects all lobes		
[DEFORMITY TGLS = TGL2]		
LUNG	FOCUS	DARK, TGL3
Observation Comment: Multiple; up to 2x2mm; TGL3 affects all lobes		
[FOCUS TGLS = TGL3]		
SPLEEN	ENLARGED	DARK, TGL1
Observation Comment: 80x18x10mm		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 4	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD622
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700689

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND		LYMPHOMA	MALIGNANT
	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	FOCAL, MINIMAL
BRAIN		LYMPHOMA	MALIGNANT
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
		LYMPHOMA	MALIGNANT
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-13, Gross Finding = LIVER; DEFORMITY; DARK; TGL2]			
LUNG		HEMORRHAGE	MODERATE
Tissue Comment: TGL 3-7, TGL 3-8, TGL 3-19			
[HEMORRHAGE TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; DARK; TGL3]			
LYMPH NODE, BRONCHIAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE
SPLEEN		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-18, Gross Finding = SPLEEN; ENLARGED; DARK; TGL1]			
THYROID GLAND	C-CELL	HYPERPLASIA	MARKED

CONTRIBUTORY CAUSE OF DEATH - BRAIN; LYMPHOMA; MALIGNANT

ANIMAL ID: 5	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD717
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700690

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

EYE	LEFT	SMALL	TGL5
Observation Comment: 0.5x			
[SMALL TGLS = TGL5]			
LUNG	LEFT	FOCUS	WHITE, TGL4, 1
Observation Comment: 2x2mm			
[FOCUS TGLS = TGL4, 1]			
PANCREAS		NODULE	TAN, TGL2
		NODULE	TAN, TGL3
Observation Comment: 5x5x3mm			
Observation Comment: 3x3x2mm			
[NODULE TGLS = TGL2]			
[NODULE TGLS = TGL3]			
SEMINAL VESICLE	BILATERAL	ENLARGED	TGL1
Observation Comment: 2x; TGL1 right side was dark in color			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 5	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD717
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700690

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	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
PITUITARY GLAND	PROSTATE	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	FOCAL, MINIMAL
EYE	LENS	CATARACT	MILD
	RETINA	DEGENERATION	MODERATE
[CATARACT TGLS = TGL 5-14, Gross Finding = EYE; LEFT; SMALL; TGL5]			
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
[INFILTRATION CELLULAR TGLS = TGL 4-7, Gross Finding = LUNG; LEFT; FOCUS; WHITE; TGL4, 1]			
PANCREAS	ACINUS	ADENOMA	
Tissue Comment: TGL 2-18, TGL 3-18			
[ADENOMA TGLS = TGL3-18, TGL2-18, Gross Finding = PANCREAS; NODULE; TAN; TGL2]			
[ADENOMA TGLS = TGL3-18, TGL2-18, Gross Finding = PANCREAS; NODULE; TAN; TGL3]			
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MODERATE
PREPUTIAL GLAND		SQUAMOUS CELL CARCINOMA	
SEMINAL VESICLE		DILATION	MILD
[DILATION TGLS = TGL 1-17, Gross Finding = SEMINAL VESICLE; BILATERAL; ENLARGED; TGL1]			
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 6	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700691

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

LYMPH NODE, MESENTERIC		ENLARGED	PALE, TGL4
Observation Comment: 5x; Found at trim			
[ENLARGED TGLS = TGL4]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
SPLEEN		ENLARGED	DARK, TGL1
Observation Comment: 60x20x12mm			
[ENLARGED TGLS = TGL1]			
THYMUS		ENLARGED	DARK, TGL2
Observation Comment: 3x			
[ENLARGED TGLS = TGL2]			
THYROID GLAND	LEFT	ENLARGED	DARK, TGL3
Observation Comment: 3x; Found at Trim			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 6	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700691

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	EPIDIDYMIS	ESOPHAGUS
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	BILATERAL	LYMPHOMA	MALIGNANT
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BONE MARROW		LYMPHOMA	MALIGNANT
BRAIN		LYMPHOMA	MALIGNANT
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		LYMPHOMA	MALIGNANT
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER		LYMPHOMA	MALIGNANT
LUNG		LYMPHOMA	MALIGNANT
LYMPH NODE, BRONCHIAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 4-10, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; PALE; TGL4]			
PITUITARY GLAND	PARS DISTALIS	CARCINOMA	
		LYMPHOMA	MALIGNANT
SPLEEN		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-18, Gross Finding = SPLEEN; ENLARGED; DARK; TGL1]			
TESTIS	ARTERIOLE, BILATERAL	LYMPHOMA	MALIGNANT
THYMUS		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-19, Gross Finding = THYMUS; ENLARGED; DARK; TGL2]			
THYROID GLAND	C-CELL	ADENOMA	
	C-CELL	HYPERPLASIA	FOCAL, MINIMAL

ANIMAL ID: 6	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700691

[ADENOMA TGLS = TGL 3-20, Gross Finding = THYROID GLAND; LEFT; ENLARGED; DARK; TGL3]

CONTRIBUTORY CAUSE OF DEATH - BRAIN; LYMPHOMA; MALIGNANT

ANIMAL ID: 7	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700692

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 7	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700692

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	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	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
		PHEOCHROMOCYTOMA	MALIGNANT
	CYTOPLASMIC, CORTEX	VACUOLATION	DIFFUSE, MINIMAL
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MODERATE
SALIVARY GLAND		NECROSIS	MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 8	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700693

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LUNG	LEFT	FOCUS	WHITE, TGL2, 1
	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL3, 2
Observation Comment: multiple, up to 2x2 mm			
Observation Comment: TGL3, multiple, up to 2x2 mm			
[FOCUS TGLS = TGL2, 1]			
[FOCUS TGLS = TGL3, 2]			
PREPUTIAL GLAND	BILATERAL	ENLARGED	PALE, TGL4
Observation Comment: 4x; found at trim			
[ENLARGED TGLS = TGL4]			
SKIN	LEFT, THORACIC	MASS	TAN, TGL1
Observation Comment: TGL1 taken for MolBio, 160x120x70 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 8	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700693

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-8, TGL2-7, Gross Finding = LUNG; LEFT; FOCUS; WHITE; TGL2, 1]			
[INFILTRATION CELLULAR TGLS = TGL3-8, TGL2-7, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL3, 2]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
PREPUTIAL GLAND	BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MARKED
[INFLAMMATION TGLS = TGL 4-16, Gross Finding = PREPUTIAL GLAND; BILATERAL; ENLARGED; PALE; TGL4]			
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = SKIN; LEFT, THORACIC; MASS; TAN; TGL1]			

ANIMAL ID: 9	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD514
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700694

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 9	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD514
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700694

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	DIFFUSE, MINIMAL
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		HEMORRHAGE	MILD
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 10	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD607
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700695

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

ADRENAL GLAND		ENLARGED	DARK, TGL3
Observation Comment: unilateral; 2x; found at trim			
[ENLARGED TGLS = TGL3]			
KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL4
Observation Comment: TGL2 - granular; found at trim			
Observation Comment: TGL4 = granular; found at trim			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL4]			
SKIN	RIGHT, INGUINAL	CRUST	GREEN, TGL1
Observation Comment: 10x9mm			
[CRUST TGLS = TGL1]			

ANIMAL ID: 10	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD607
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700695

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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
MAMMARY GLAND	NOSE	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SPLEEN
STOMACH, FORESTOMACH	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
[HYPERPLASIA TGLS = TGL 3-12, Gross Finding = ADRENAL GLAND; ENLARGED; DARK; TGL3]			
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-18, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-18, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-18, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL4]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
SKIN		INFLAMMATION	CHRONIC-ACTIVE, MARKED
[INFLAMMATION TGLS = TGL 1-19, Gross Finding = SKIN; RIGHT, INGUINAL; CRUST; GREEN; TGL1]			
STOMACH, GLANDULAR		MINERAL	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 11	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700696

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

HARDERIAN GLAND	RIGHT	ENLARGED	RED, TGL4
	LEFT	NODULE	TAN, TGL3
Observation Comment: 1.5x			
Observation Comment: 4x4x3mm			
[ENLARGED TGLS = TGL4]			
[NODULE TGLS = TGL3]			
KIDNEY	LEFT	DEFORMITY	PALE, TGL5
	RIGHT	DEFORMITY	PALE, TGL6
Observation Comment: TGL5 = granular; found at trim			
Observation Comment: TGL6 = granular; found at trim			
[DEFORMITY TGLS = TGL5]			
[DEFORMITY TGLS = TGL6]			
LUNG	ACCESSORY LOBE	FOCUS	WHITE, TGL2, 1
	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL1, 2
Observation Comment: 2x1mm			
[FOCUS TGLS = TGL2, 1]			
[FOCUS TGLS = TGL1, 2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 11	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700696

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	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
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	ANTERIOR CHAMBER	INFLAMMATION	SUPPURATIVE, MILD
	CORNEA, BILATERAL	INFLAMMATION	SUPPURATIVE, MARKED
HARDERIAN GLAND		HYPERPLASIA	MILD

Tissue Comment: TGL 3-14, TGL 4-14

[HYPERPLASIA TGLS = TGL4-14, TGL3-14, Gross Finding = HARDERIAN GLAND; LEFT; NODULE; TAN; TGL3]

[HYPERPLASIA TGLS = TGL4-14, TGL3-14, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; RED; TGL4]

HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED

Tissue Comment: TGL 5-9, TGL 6-9

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL6-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL5]

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL6-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL6]

LIVER		BASOPHILIC FOCUS	
		CLEAR CELL FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	PLEURA	FIBROSIS	MINIMAL
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	PLEURA	INFLAMMATION	CHRONIC-ACTIVE, MILD
		NO CORRESPONDING LESION	

Tissue Comment: TGL 2-8, TGL 1-8

[FIBROSIS TGLS = TGL2-8, Gross Finding = LUNG; ACCESSORY LOBE; FOCUS; WHITE; TGL2, 1]

[NO CORRESPONDING LESION TGLS = TGL1-8, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL1, 2]

ANIMAL ID: 11	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700696

LYMPH NODE, MESENTERIC		HYPERPLASIA	PLASMA CELL, MINIMAL
STOMACH, GLANDULAR		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
THYROID GLAND	C-CELL	ADENOMA	

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 12	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD698
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700697

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 12	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD698
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700697

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
		PHEOCHROMOCYTOMA	MALIGNANT
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MINIMAL
HEART		CARDIOMYOPATHY	MODERATE
	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER		EOSINOPHILIC FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
PANCREAS	ACINUS	ATROPHY	MILD
	ACINUS	HYPERPLASIA	MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- HEART; THROMBUS; ATRIUM

ANIMAL ID: 13	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD617
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700698

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

BRAIN	LEFT, CEREBRUM	MASS	WHITE, TGL1, 1
Observation Comment: 14x8x6mm; TGL1 is extending from Left Frontal Lobe into cribiform plate of the left nasal region			
[MASS TGLS = TGL1, 1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	MOTTLED, TGL2
Observation Comment: 10x8x8mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 13	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD617
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700698

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	EPIDIDYMIS	ESOPHAGUS
EYE	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	PANCREAS
PARATHYROID GLAND	PREPUTIAL GLAND	SALIVARY GLAND	SEMINAL VESICLE
SKIN	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
BONE MARROW		DEGENERATION	MILD
BRAIN		ASTROCYTOMA	
[ASTROCYTOMA TGLS = TGL 1-3, Gross Finding = BRAIN; LEFT, CEREBRUM; MASS; WHITE; TGL1, 1]			
HARDERIAN GLAND		INFLAMMATION	CHRONIC-ACTIVE, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, BRONCHIAL		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND	DUCT	CYST	
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 2-12, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL2]			
PREPUTIAL GLAND			
Tissue Comment: 1 preputial gland = missing.			
PROSTATE		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
SPLEEN	WHITE PULP	ATROPHY	MODERATE
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	DIFFUSE, MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 14	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD323
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700699

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 14	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD323
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700699

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	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	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

No Section Present

INTESTINE, LARGE, COLON

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
	MYOCARDIUM	NECROSIS	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		NECROSIS	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
SPLEEN	WHITE PULP	ATROPHY	MODERATE

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- HEART; NECROSIS; MYOCARDIUM

ANIMAL ID: 15	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD567
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700700

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATING LESION	TO OBSERVATION / MASS

ANIMAL ID: 15	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD567
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700700

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, GLANDULAR	TESTIS	THYMUS	TRACHEA
URINARY BLADDER			

Insufficient Tissue

PITUITARY GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	ATROPHY	DIFFUSE, MARKED
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PREPUTIAL GLAND	BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND		ATROPHY	MILD

Observation Comment: 1 thyroid gland = missing.

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 16	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700701

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	DARK, TGL2
	RIGHT	DEFORMITY	DARK, TGL3
Observation Comment: TGL2 = granular; found at trim			
Observation Comment: TGL3 = granular; found at trim			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL3]			
LUNG		FOCUS	WHITE, TGL1, 1
Observation Comment: multiple; up to 5x5mm; TGL1 affects all lobes; Liver taken as control for MolBio			
[FOCUS TGLS = TGL1, 1]			

ANIMAL ID: 16	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700701

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
	RENAL TUBULE	HYPERTROPHY	MINIMAL
Tissue Comment: TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; DARK; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; DARK; TGL3]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
		EOSINOPHILIC FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
		MIXED CELL FOCUS	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
LYMPH NODE, MANDIBULAR		DILATION	MILD
		HYPERPLASIA	PLASMA CELL, MILD
THYROID GLAND	C-CELL	ADENOMA	
	C-CELL	HYPERPLASIA	FOCAL, MINIMAL

ANIMAL ID: 17	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700702

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 17	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700702

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

No Section Present

PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CLEAR CELL FOCUS	
		MIXED CELL FOCUS	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

ANIMAL ID: 18	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700703

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2

Observation Comment: TGL1 = granular
Observation Comment: TGL2 = granular;
[DEFORMITY TGLS = TGL1]
[DEFORMITY TGLS = TGL2]

ANIMAL ID: 18	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700703

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
		MIXED CELL FOCUS	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MILD
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
THYROID GLAND	C-CELL	HYPERPLASIA	MILD

ANIMAL ID: 19	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700704

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2

Observation Comment: TGL1 = granular; found at trim
Observation Comment: TGL2 = granular; found at trim
[DEFORMITY TGLS = TGL1]
[DEFORMITY TGLS = TGL2]

ANIMAL ID: 19	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700704

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
LUNG	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MESENTERY	ARTERIOLE	INFLAMMATION	CHRONIC-ACTIVE, MILD
PANCREAS	ACINUS	ATROPHY	MILD
PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL

ANIMAL ID: 20	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700705

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - RIGHT	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	LEFT	CYST	CLEAR, TGL1
Observation Comment: 3x3x3mm			
[CYST TGLS = TGL1]			

ANIMAL ID: 20	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700705

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERPLASIA	MULTIFOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
		PHEOCHROMOCYTOMA	BENIGN
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	RENAL TUBULE	CYST	
[CYST TGLS = TGL 1-19, Gross Finding = KIDNEY; LEFT; CYST; CLEAR; TGL1]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
	CAPSULE	FIBROSIS	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
PREPUTIAL GLAND	DUCT	DILATION	
PROSTATE		INFLAMMATION	CHRONIC-ACTIVE, MILD
SEMINAL VESICLE		INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 21	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700706

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL1, 1

Observation Comment: multiple; up to 3x1mm; TGL1 affects all lung lobes
[FOCUS TGLS = TGL1, 1]

ANIMAL ID: 21	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700706

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 1-7, TGL 1-8, TGL 1-19			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
LYMPH NODE, MANDIBULAR		HEMORRHAGE	MODERATE
		HYPERPLASIA	PLASMA CELL, MILD
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 22	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700707

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

BONE	CRANIUM	NODULE	RED, TGL2
Observation Comment: cranium = skull; 5x4x1mm			
[NODULE TGLS = TGL2]			
LIVER	LOBE, MEDIAN	DEFORMITY	TAN, TGL1
Observation Comment: 10x10x10mm; TGL1 = HDN			
[DEFORMITY TGLS = TGL1]			

ANIMAL ID: 22	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700707

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	EYE	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, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BONE		HEMANGIOSARCOMA	
[HEMANGIOSARCOMA TGLS = TGL 2-19, Gross Finding = BONE; CRANIUM; NODULE; RED; TGL2]			
BRAIN		GLIOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CLEAR CELL FOCUS	MULTIPLE
		EOSINOPHILIC FOCUS	
		HEPATODIAPHRAGMATIC NODULE	
[HEPATODIAPHRAGMATIC NODULE TGLS = TGL 1-20, Gross Finding = LIVER; LOBE, MEDIAN; DEFORMITY; TAN; TGL1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL

ANIMAL ID: 23	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD515
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700708

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL1 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 23	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD515
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700708

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	PANCREAS	PREPUTIAL GLAND
PROSTATE	SEMINAL VESICLE	SKIN	SPLEEN
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

SALIVARY GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX, BILATERAL	HYPERPLASIA	FOCAL, MILD
	CORTEX, BILATERAL	INFLAMMATION	ACUTE, MINIMAL
		PHEOCHROMOCYTOMA	BENIGN
AORTA		MINERAL	MILD
HEART		CARDIOMYOPATHY	MODERATE
	ARTERIOLE	MINERAL	MILD
	MYOCARDIUM	MINERAL	MILD
INTESTINE, LARGE, CECUM		INFLAMMATION	SUPPURATIVE, MARKED
		MINERAL	MODERATE
INTESTINE, SMALL, JEJUNUM		MINERAL	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
		MINERAL	MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MODERATE
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MODERATE
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
STOMACH, FORESTOMACH		INFILTRATION CELLULAR	MIXED, MILD

ANIMAL ID: 23	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD515
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700708

		MINERAL	MINIMAL
STOMACH, GLANDULAR		MINERAL	MODERATE
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY		

ANIMAL ID: 24	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD670
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700709

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATING LESION	TO OBSERVATION / MASS

ANIMAL ID: 24	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD670
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700709

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	DIFFUSE, MILD
EYE	CORNEA	INFLAMMATION	ACUTE, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER		INFLAMMATION	CHRONIC-ACTIVE, MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 25	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700710

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL5
	RIGHT	DEFORMITY	PALE, TGL6
Observation Comment: TGL5 = granular			
Observation Comment: TGL6 = granular			
[DEFORMITY TGLS = TGL5]			
[DEFORMITY TGLS = TGL6]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
SEMINAL VESICLE	BILATERAL	SMALL	TGL3
Observation Comment: 0.1x			
[SMALL TGLS = TGL3]			
TESTIS	LEFT	SMALL	TGL1
	RIGHT	SMALL	TGL2
Observation Comment: 0.1x			
[SMALL TGLS = TGL1]			
[SMALL TGLS = TGL2]			
THORAX		FLUID	CLEAR, TGL4
Observation Comment: ~10ml; NST			
[FLUID TGLS = TGL4]			

ANIMAL ID: 25	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700710

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	ESOPHAGUS
EYE	HARDERIAN GLAND	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	PANCREAS	PITUITARY GLAND
PROSTATE	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MODERATE
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MARKED
HEART		CARDIOMYOPATHY	MILD
	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
	RENAL TUBULE	HYPERTROPHY	MINIMAL
Tissue Comment: TGL 5-9, TGL 6-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL6-9, TGL5-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL5]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL6-9, TGL5-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL6]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
	INTIMA	PROLIFERATION	MODERATE
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MODERATE
PINEAL GLAND		FATTY CHANGE	MODERATE
PREPUTIAL GLAND	BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MARKED
SEMINAL VESICLE	BILATERAL	ATROPHY	MARKED
[ATROPHY TGLS = TGL 3-17, Gross Finding = SEMINAL VESICLE; BILATERAL; SMALL; TGL3]			
SPLEEN	WHITE PULP	ATROPHY	MODERATE
		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
Tissue Comment: TGL 1-15, TGL 2-15			

ANIMAL ID: 25	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700710

[DEGENERATION TGLS = TGL2-15, TGL1-15, Gross Finding = TESTIS; LEFT; SMALL; TGL1]
[DEGENERATION TGLS = TGL2-15, TGL1-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL2]

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 26	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700711

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	CYST	CLEAR, TGL4
	RIGHT	CYST	CLEAR, TGL5
	LEFT	DEFORMITY	PALE, TGL3
	RIGHT	DEFORMITY	PALE, TGL2

Observation Comment: multiple; up to 4x4x4mm
Observation Comment: TGL3 = granular
Observation Comment: TGL2 = granular
[CYST TGLS = TGL4]
[CYST TGLS = TGL5]
[DEFORMITY TGLS = TGL3]
[DEFORMITY TGLS = TGL2]

LYMPH NODE, MESENTERIC		ENLARGED	DARK, TGL6

Observation Comment: 9x8x5mm; found at trim
[ENLARGED TGLS = TGL6]

NO CORRELATE		TO OBSERVATION / MASS	
NO CORRELATING LESION		TO OBSERVATION / MASS	
SKIN	ABDOMINAL	MASS	MOTTLED, TGL1

Observation Comment: 120x100x70mm; TGL1 is ulcerated; TGL1 taken for molbio

ANIMAL ID: 26	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700711

[MASS TGLS = TGL1]

ANIMAL ID: 26	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700711

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
MAMMARY GLAND	NOSE	PANCREAS	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	MEDULLA, BILATERAL	HYPERPLASIA	FOCAL, MILD
		PHEOCHROMOCYTOMA	MALIGNANT
HEART		CARDIOMYOPATHY	MILD
INTESTINE, LARGE, RECTUM			
Tissue Comment: Section taken at mucocutaneous junction.			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 4-19, TGL 5-19, TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL5-19, TGL2-9, TGL4-19, Gross Finding = KIDNEY; LEFT; CYST; CLEAR; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL5-19, TGL2-9, TGL4-19, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL5-19, TGL2-9, TGL4-19, Gross Finding = KIDNEY; RIGHT; CYST; CLEAR; TGL5]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL5-19, TGL2-9, TGL4-19, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER		BASOPHILIC FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
	CYTOPLASMIC, HEPATOCYTE	VACUOLATION	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
LYMPH NODE, MESENTERIC		HEMANGIOSARCOMA	
[HEMANGIOSARCOMA TGLS = TGL 6-20, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; DARK; TGL6]			
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SKIN		FIBROSARCOMA	

ANIMAL ID: 26	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700711

[FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = SKIN; ABDOMINAL; MASS; MOTTLED; TGL1]

TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL

ANIMAL ID: 27	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700712

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	KIDNEY - LEFT
KIDNEY - RIGHT	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

EPIDIDYMIS	LEFT	SMALL	TGL3
Observation Comment: 0.5x			
[SMALL TGLS = TGL3]			
INTESTINE, SMALL, JEJUNUM	PEYERS PATCH	ENLARGED	TAN, TGL4
Observation Comment: 3x			
[ENLARGED TGLS = TGL4]			
LYMPH NODE, MANDIBULAR	LEFT	ENLARGED	TAN, TGL1
Observation Comment: 4x			
[ENLARGED TGLS = TGL1]			
TESTIS	LEFT	SMALL	DARK, TGL2
Observation Comment: 0.5x			
[SMALL TGLS = TGL2]			

ANIMAL ID: 27	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700712

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EPIDIDYMIS		HYPOSPERMIA	MODERATE
[HYPOSPERMIA TGLS = TGL 3-15, Gross Finding = EPIDIDYMIS; LEFT; SMALL; TGL3]			
HEART		CARDIOMYOPATHY	MODERATE
INTESTINE, SMALL, JEJUNUM		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 4-10, Gross Finding = INTESTINE, SMALL, JEJUNUM; PEYERS PATCH; ENLARGED; TAN; TGL4]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER		BASOPHILIC FOCUS	
		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
[HYPERPLASIA TGLS = TGL 1-13, Gross Finding = LYMPH NODE, MANDIBULAR; LEFT; ENLARGED; TAN; TGL1]			
PANCREAS	ACINUS	ATROPHY	MINIMAL
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
PREPUTIAL GLAND	BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
STOMACH, FORESTOMACH		MINERAL	MILD
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
[DEGENERATION TGLS = TGL 2-15, Gross Finding = TESTIS; LEFT; SMALL; DARK; TGL2]			

ANIMAL ID: 29	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD477
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700714

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

SKIN	LEFT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 105x75x75mm; TGL1 = ulcerated			
[MASS TGLS = TGL1]			
SPLEEN		ENLARGED	TGL2
Observation Comment: 60x11x5mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 29	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD477
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700714

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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	LYMPH NODE, MESENTERIC	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

INTESTINE, SMALL, ILEUM

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MARKED
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-18, Gross Finding = SKIN; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-9, Gross Finding = SPLEEN; ENLARGED; TGL2]			

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 30	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700715

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 30	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700715

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
		PHEOCHROMOCYTOMA	BENIGN
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HARDERIAN GLAND		INFILTRATION CELLULAR	MIXED, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LARYNX		INFLAMMATION	CHRONIC-ACTIVE, MILD
LIVER		BASOPHILIC FOCUS	
		CLEAR CELL FOCUS	MULTIPLE
		MIXED CELL FOCUS	MULTIPLE
LUNG	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
PREPUTIAL GLAND	BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MARKED

ANIMAL ID: 31	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD605
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700716

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 31	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD605
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700716

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	DIFFUSE, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LARYNX		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
		MIXED CELL FOCUS	MULTIPLE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MODERATE
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	CARCINOMA	

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 32	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700717

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL3
Observation Comment: TGL2 = Granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL3]			
SKIN	RIGHT, THORACIC	MASS	TAN, TGL1
Observation Comment: 70x60x25mm; TGL1 taken for MolBio			
[MASS TGLS = TGL1]			

ANIMAL ID: 32	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700717

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	PANCREAS	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]			
LIVER		CLEAR CELL FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = SKIN; RIGHT, THORACIC; MASS; TAN; TGL1]			

ANIMAL ID: 33	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD142
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700718

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS	
NO CORRELATING LESION	TO OBSERVATION / MASS	
SKIN	MASS	MOTTLED, TGL1

Observation Comment: 90x70x40mm; TGL1 contains brown fluid

[MASS TGLS = TGL1]

ANIMAL ID: 33	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD142
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700718

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	PANCREAS	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	STOMACH, FORESTOMACH
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

No Section Present

PARATHYROID GLAND

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MILD
LYMPH NODE, MESENTERIC		ATROPHY	MODERATE
SEMINAL VESICLE	BILATERAL	ATROPHY	MODERATE
SKIN		BASAL CELL CARCINOMA	
[BASAL CELL CARCINOMA TGLS = TGL 1-18, Gross Finding = SKIN; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
STOMACH, GLANDULAR		MINERAL	MILD

CONTRIBUTORY CAUSE OF DEATH - SKIN; BASAL CELL CARCINOMA

ANIMAL ID: 34	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700719

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 34	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700719

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LUNG	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

No Section Present

LYMPH NODE, BRONCHIAL	PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LARYNX		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LIVER		BASOPHILIC FOCUS	
		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
		MIXED CELL FOCUS	
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PANCREAS	ACINUS	ATROPHY	MINIMAL
PITUITARY GLAND	PARS INTERMEDIA	ADENOMA	
PREPUTIAL GLAND	DUCT	DILATION	
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
STOMACH, GLANDULAR		MINERAL	MILD

ANIMAL ID: 35	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD698
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700720

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	DARK, TGL1
Observation Comment: x2			
[ENLARGED TGLS = TGL1]			
KIDNEY	LEFT	DEFORMITY	TAN, TGL2
	RIGHT	DEFORMITY	TAN, TGL4
Observation Comment: TGL2 = granular			
Observation Comment: TGL4 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL4]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
TESTIS	LEFT	SMALL	TGL3
Observation Comment: 0.25x			
[SMALL TGLS = TGL3]			

ANIMAL ID: 35	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD698
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700720

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	MALIGNANT
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
[PHEOCHROMOCYTOMA TGLS = TGL 1-12, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; DARK; TGL1]			
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MARKED
HEART		CARDIOMYOPATHY	MILD
	ARTERIOLE	MINERAL	MILD
	VALVE	MINERAL	MILD
INTESTINE, LARGE, CECUM		INFLAMMATION	SUPPURATIVE, MARKED
		NECROSIS	MARKED
INTESTINE, LARGE, COLON		MINERAL	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TAN; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TAN; TGL4]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MODERATE
LYMPH NODE, MESENTERIC		ATROPHY	MODERATE
PANCREAS	ACINUS	SECRETORY DEPLETION	DIFFUSE, MODERATE
SPLEEN	WHITE PULP	ATROPHY	MARKED
STOMACH, GLANDULAR		MINERAL	MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
[DEGENERATION TGLS = TGL 3-15, Gross Finding = TESTIS; LEFT; SMALL; TGL3]			

CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 36	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD637
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700721

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL1 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 36	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD637
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700721

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	HARDERIAN GLAND	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	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MODERATE
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BRAIN		HEMORRHAGE	MILD
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
NOSE	OLFACTORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MODERATE
	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MODERATE
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	CYST	
	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
SPLEEN	WHITE PULP	ATROPHY	MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MODERATE

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 38	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700723

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	LOBE, LEFT	FOCUS	WHITE, TGL1, 1

Observation Comment: up to 2x2mm; found at trim

[FOCUS TGLS = TGL1, 1]

ANIMAL ID: 38	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700723

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
		PHEOCHROMOCYTOMA	BENIGN
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
[INFILTRATION CELLULAR TGLS = TGL 1-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL1, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL

ANIMAL ID: 39	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700724

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	LOBE, LEFT	FOCUS	WHITE, TGL1, 1
	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL2, 2

Observation Comment: multiple; up to 5x3mm
Observation Comment: multiple; up to 2x2mm
[FOCUS TGLS = TGL1, 1]
[FOCUS TGLS = TGL2, 2]

ANIMAL ID: 39	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700724

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PREPUTIAL GLAND	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HARDERIAN GLAND		INFLAMMATION	CHRONIC-ACTIVE, MILD
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		CLEAR CELL FOCUS	MULTIPLE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

Tissue Comment: TGL 1-7, TGL 2-8

[INFILTRATION CELLULAR TGLS = TGL2-8, TGL1-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL1, 1]

[INFILTRATION CELLULAR TGLS = TGL2-8, TGL1-7, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL2, 2]

PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
PROSTATE		INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 40	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD605
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700725

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL3
Observation Comment: TGL2 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL3]			
LUNG		DISCOLORATION	DIFFUSE, MOTTLED, 1, TGL1
Observation Comment: TGL1 affects all lobes			
[DISCOLORATION TGLS = 1, TGL1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 40	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD605
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700725

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MANDIBULAR	MAMMARY GLAND	NOSE
PANCREAS	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERPLASIA	FOCAL, MODERATE
		PHEOCHROMOCYTOMA	BENIGN
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
AORTA		MINERAL	MARKED
EYE	ANTERIOR CHAMBER, BILATERAL	INFLAMMATION	SUPPURATIVE, MODERATE
	CORNEA, BILATERAL	INFLAMMATION	SUPPURATIVE, MARKED
	IRIS	SYNECHIA	POSTERIOR, MILD
HEART		CARDIOMYOPATHY	MILD
	MYOCARDIUM	MINERAL	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
	RENAL TUBULE	HYPERTROPHY	MINIMAL
Tissue Comment: TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		HEMORRHAGE	MILD
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	MINERAL	MINIMAL
Tissue Comment: TGL 1-7, TGL 1-8			
[HEMORRHAGE TGLS = TGL1-7, Gross Finding = LUNG; DISCOLORATION; DIFFUSE, MOTTLED; 1, TGL1]			
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
LYMPH NODE, MEDIASTINAL		INFILTRATION CELLULAR	HISTIOCYTE, MILD
LYMPH NODE, MESENTERIC		ATROPHY	MODERATE

ANIMAL ID: 40	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD605
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700725

		HEMORRHAGE	MODERATE
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MODERATE
SPLEEN	WHITE PULP	ATROPHY	MILD
STOMACH, GLANDULAR		MINERAL	MARKED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY		

ANIMAL ID: 41	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD715
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700726

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TGL4
	RIGHT	DEFORMITY	TGL5
Observation Comment: TGL4 = granular			
Observation Comment: TGL5 = granular			
[DEFORMITY TGLS = TGL4]			
[DEFORMITY TGLS = TGL5]			
LIVER	LOBE, LEFT	CYST	CLEAR, TGL6
Observation Comment: 2x2x2mm			
[CYST TGLS = TGL6]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
TESTIS	LEFT	SMALL	TGL2
	RIGHT	SMALL	TGL3
Observation Comment: 0.5x			
[SMALL TGLS = TGL2]			
[SMALL TGLS = TGL3]			
THYMUS		SMALL	TGL1
Observation Comment: 0.1x			
[SMALL TGLS = TGL1]			

ANIMAL ID: 41	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD715
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700726

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SKIN
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MARKED
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MODERATE
INTESTINE, LARGE, CECUM		INFLAMMATION	ACUTE, MARKED
		MINERAL	MINIMAL
		NECROSIS	MARKED
INTESTINE, LARGE, COLON		MINERAL	MILD
INTESTINE, SMALL, ILEUM		MINERAL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
	RENAL TUBULE	HYPERTROPHY	MILD
Tissue Comment: TGL 4-9, TGL 5-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL5]			
LIVER	BILE DUCT	CYST	
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
[CYST TGLS = TGL 6-18, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL6]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
PANCREAS	ACINUS	ATROPHY	MINIMAL
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MARKED
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SEMINAL VESICLE	BILATERAL	ATROPHY	MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE

ANIMAL ID: 41	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD715
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700726

STOMACH, FORESTOMACH		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
STOMACH, GLANDULAR		INFLAMMATION	CHRONIC-ACTIVE, MILD
		MINERAL	MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
Tissue Comment: TGL 2-15, TGL 3-15			
[DEGENERATION TGLS = TGL2-15, TGL3-15, Gross Finding = TESTIS; LEFT; SMALL; TGL2]			
[DEGENERATION TGLS = TGL2-15, TGL3-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL3]			
THYMUS		ATROPHY	MARKED
[ATROPHY TGLS = TGL 1-7, Gross Finding = THYMUS; SMALL; TGL1]			
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY		

ANIMAL ID: 42	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700727

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2

Observation Comment: TGL1 = granular
Observation Comment: TGL2 = granular
[DEFORMITY TGLS = TGL1]
[DEFORMITY TGLS = TGL2]

ANIMAL ID: 42	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700727

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

No Section Present

PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9 TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MODERATE
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 43	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700728

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL1
Observation Comment: TGL2 = granular			
Observation Comment: TGL1 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
PITUITARY GLAND		NODULE	TAN, TGL3
Observation Comment: 2x2x2mm			
[NODULE TGLS = TGL3]			

ANIMAL ID: 43	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700728

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	THYMUS
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	ADENOMA	
		PHEOCHROMOCYTOMA	BENIGN
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
	IRIS	SYNECHIA	ANTERIOR, MILD
INTESTINE, SMALL, DUODENUM		INFLAMMATION	CHRONIC-ACTIVE, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL1]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PANCREAS	ACINUS	ATROPHY	MINIMAL
	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MILD
PANCREATIC ISLET		ADENOMA	
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; NODULE; TAN; TGL3]			
STOMACH, GLANDULAR	PERIVASCULAR	MINERAL	MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

ANIMAL ID: 43	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700728

THYROID GLAND	C-CELL	ADENOMA

ANIMAL ID: 44	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700729

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATING LESION	TO OBSERVATION / MASS

ANIMAL ID: 44	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700729

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	DIFFUSE, MINIMAL
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PANCREAS	ACINUS	ATROPHY	MILD
	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MILD
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 45	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700730

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	TAN, TGL2
Observation Comment: 3x			
[ENLARGED TGLS = TGL2]			
LIVER	LOBE, LEFT	CYST	CLEAR, TGL3
Observation Comment: 5x4x2mm			
[CYST TGLS = TGL3]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	WHITE, TGL1, 1
Observation Comment: 85x70x50mm			
[MASS TGLS = TGL1, 1]			

ANIMAL ID: 45	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700730

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS	PARATHYROID GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	MEDULLA	THROMBUS	
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
[THROMBUS TGLS = TGL 2-12, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; TAN; TGL2]			
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MINIMAL
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	BILE DUCT	CYST	
[CYST TGLS = TGL 3-18, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL3]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MODERATE
NOSE	NASOLACRIMAL DUCT	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
PREPUTIAL GLAND	BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; WHITE; TGL1, 1]			
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MODERATE
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
THYROID GLAND	ARTERIOLE	NECROSIS	MODERATE

CONTRIBUTORY CAUSE OF DEATH	- SKIN; FIBROSARCOMA

ANIMAL ID: 46	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700731

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL6
Observation Comment: TGL2 = granular			
Observation Comment: TGL6 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL6]			
LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple; up to 2x1mm; TGL4 affects all lobes			
[FOCUS TGLS = TGL4, 1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
TESTIS	LEFT	SMALL	TGL1
	RIGHT	SMALL	TGL5
Observation Comment: 0.5x			
[SMALL TGLS = TGL1]			
[SMALL TGLS = TGL5]			
ZYMBALS GLAND	HEAD, RIGHT	MASS	TGL3
Observation Comment: 40x30x10mm; TGL3 = ulcerated			
[MASS TGLS = TGL3]			

ANIMAL ID: 46	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700731

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	ESOPHAGUS
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MODERATE
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MILD
EYE	ANTERIOR CHAMBER	INFLAMMATION	SUPPURATIVE, MARKED
	IRIS	INFLAMMATION	SUPPURATIVE, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 6-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL6-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL6-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL6]			
LARYNX		FOREIGN BODY	
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MODERATE
SEMINAL VESICLE		ATROPHY	MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 1-15, TGL 5-15			

ANIMAL ID: 46	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700731

[DEGENERATION TGLS = TGL5-15, TGL1-15, Gross Finding = TESTIS; LEFT; SMALL; TGL1]
[DEGENERATION TGLS = TGL5-15, TGL1-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL5]

THYMUS	ATROPHY	MARKED
	THROMBUS	
ZYMBAL'S GLAND	CARCINOMA	

[CARCINOMA TGLS = TGL 3-18, Gross Finding = ZYMBALS GLAND; HEAD, RIGHT; MASS; TGL3]

CONTRIBUTORY CAUSE OF DEATH - ZYMBAL'S GLAND; CARCINOMA

ANIMAL ID: 47	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700732

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL1, 1

Observation Comment: multiple; up to 5x2mm; TGL1 affects all lobes except right cranial
[FOCUS TGLS = TGL1, 1]

ANIMAL ID: 47	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700732

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	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, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PARATHYROID GLAND	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
		PHEOCHROMOCYTOMA	MALIGNANT
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 1-7, TGL 1-8, TGL 1-19			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
[INFLAMMATION TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PANCREAS	ACINUS	ATROPHY	MINIMAL
	DUCT	DILATION	MILD
	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
PREPUTIAL GLAND	BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
THYROID GLAND	C-CELL, BILATERAL	ADENOMA	

ANIMAL ID: 48	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700733

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATING LESION	TO OBSERVATION / MASS

ANIMAL ID: 48	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700733

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 49	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700734

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT
KIDNEY - RIGHT	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

EPIDIDYMIS	LEFT	SMALL	TGL4
	RIGHT	SMALL	TGL3
Observation Comment: 0.25x			
Observation Comment: 0.5x			
[SMALL TGLS = TGL4]			
[SMALL TGLS = TGL3]			
TESTIS	LEFT	SMALL	DARK, TGL2
	RIGHT	SMALL	DARK, TGL1
Observation Comment: 0.25x			
Observation Comment: 0.5x			
[SMALL TGLS = TGL2]			
[SMALL TGLS = TGL1]			

ANIMAL ID: 49	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700734

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PARATHYROID GLAND
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MARKED
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MILD
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
Tissue Comment: TGL 3-15, TGL 4-15			
[HYPOSPERMIA TGLS = TGL3-15, TGL4-15, Gross Finding = EPIDIDYMIS; LEFT; SMALL; TGL4]			
[HYPOSPERMIA TGLS = TGL3-15, TGL4-15, Gross Finding = EPIDIDYMIS; RIGHT; SMALL; TGL3]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LARYNX		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LIVER		CLEAR CELL FOCUS	MULTIPLE
		EOSINOPHILIC FOCUS	
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
PREPUTIAL GLAND	DUCT	DILATION	
	BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
		LEYDIG CELL ADENOMA	
Tissue Comment: TGL 1-15, TGL 2-15			

ANIMAL ID: 49	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700734

[DEGENERATION TGLS = TGL1-15, TGL2-15, Gross Finding = TESTIS; LEFT; SMALL; DARK; TGL2]
[DEGENERATION TGLS = TGL1-15, TGL2-15, Gross Finding = TESTIS; RIGHT; SMALL; DARK; TGL1]

ANIMAL ID: 50	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD613
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700735

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 50	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD613
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700735

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	LYMPHOCYTE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 28R	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD614
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700713

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

NO CORRELATING LESION	TO OBSERVATION / MASS	
TONGUE	MASS	TAN, TGL1

Observation Comment: 14x11x9mm; TGL1 taken for MolBio

[MASS TGLS = TGL1]

ANIMAL ID: 28R	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD614
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700713

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, LARGE, CECUM		EROSION	MILD
INTESTINE, LARGE, COLON	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	PLASMA CELL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
SPLEEN	WHITE PULP	ATROPHY	MINIMAL
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
TONGUE		FIBROSARCOMA	

[FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = TONGUE; MASS; TAN; TGL1]

CONTRIBUTORY CAUSE OF DEATH - TONGUE; FIBROSARCOMA

ANIMAL ID: 37R	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700722

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT
KIDNEY - RIGHT	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

EPIDIDYMIS	LEFT	SMALL	TGL5
	RIGHT	SMALL	TGL4
Observation Comment: 0.25x			
[SMALL TGLS = TGL5]			
[SMALL TGLS = TGL4]			
LIVER	LOBE, MEDIAN	NODULE	TAN, TGL6
Observation Comment: 4x4x3mm			
[NODULE TGLS = TGL6]			
SKIN	RIGHT, THORACIC	MASS	TAN, TGL1
Observation Comment: 100x80x50mm; TGL1 = ulcerated; TGL1 taken for MolBio			
[MASS TGLS = TGL1]			
TESTIS	LEFT	SMALL	TGL3
	RIGHT	SMALL	TGL2
Observation Comment: 0.25x			
[SMALL TGLS = TGL3]			
[SMALL TGLS = TGL2]			

ANIMAL ID: 37R	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700722

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	ESOPHAGUS	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SPLEEN	STOMACH, FORESTOMACH	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, MEDIASTINAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	ATROPHY	MARKED
	MEDULLA	ATROPHY	MARKED
	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
BRAIN		HEMORRHAGE	MILD
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MARKED
	PERIVASCULAR	INFLAMMATION	CHRONIC-ACTIVE, FOCAL, MODERATE
Tissue Comment: TGL 4-15, TGL 5-15			
[HYPOSPERMIA TGLS = TGL4-15, TGL5-15, Gross Finding = EPIDIDYMIS; LEFT; SMALL; TGL5]			
[HYPOSPERMIA TGLS = TGL4-15, TGL5-15, Gross Finding = EPIDIDYMIS; RIGHT; SMALL; TGL4]			
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CLEAR CELL FOCUS	
		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL 6-19, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL6]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL

ANIMAL ID: 37R	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700722

SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = SKIN; RIGHT, THORACIC; MASS; TAN; TGL1]			
STOMACH, GLANDULAR		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 2-15, TGL 3-15			
[DEGENERATION TGLS = TGL3-15, TGL2-15, Gross Finding = TESTIS; LEFT; SMALL; TGL3]			
[DEGENERATION TGLS = TGL3-15, TGL2-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL2]			

ANIMAL ID: 51	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700736

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	MOTTLED, TGL1
Observation Comment: 9mm dia			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 51	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700736

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PREPUTIAL GLAND	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	MALIGNANT
[PHEOCHROMOCYTOMA TGLS = TGL 1-19, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; MOTTLED; TGL1]			
HEART		CARDIOMYOPATHY	MODERATE
INTESTINE, LARGE, CECUM	ARTERIOLE	INFLAMMATION	CHRONIC-ACTIVE, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CLEAR CELL FOCUS	MULTIPLE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, BRONCHIAL		HYPERPLASIA	LYMPHOCYTE, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PITUITARY GLAND	PARS DISTALIS	CYST	
	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
TRACHEA	GLAND	DILATION	MILD

ANIMAL ID: 52	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD427
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700737

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL1
Observation Comment: TGL2 granular			
Observation Comment: TGL1 granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 52	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD427
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700737

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
AORTA		MINERAL	MILD
HEART		CARDIOMYOPATHY	MODERATE
	ARTERIOLE	MINERAL	MILD
INTESTINE, LARGE, CECUM		MINERAL	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL1]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
LYMPH NODE, MANDIBULAR		ATROPHY	MODERATE
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MODERATE
SPLEEN	WHITE PULP	ATROPHY	MILD
	RED PULP	PIGMENT	INCREASED, MILD
STOMACH, GLANDULAR		MINERAL	MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 53	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD717
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700738

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

HEART	LEFT, ATRIUM	MASS	TAN, TGL7
Observation Comment: 8x7x4mm; found at trim			
[MASS TGLS = TGL7]			
KIDNEY	LEFT	DEFORMITY	TGL4
	RIGHT	DEFORMITY	TGL3
Observation Comment: TGL4 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL4]			
[DEFORMITY TGLS = TGL3]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
SEMINAL VESICLE	BILATERAL	SMALL	TGL5
Observation Comment: 0.1x			
[SMALL TGLS = TGL5]			
SKIN	LEFT, AXILLARY	MASS	TAN, TGL2
	RIGHT	MASS	TAN, TGL1
Observation Comment: 9x6x4mm			
Observation Comment: perineum; 35x29x10mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			

ANIMAL ID: 53	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD717
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700738

STOMACH	NODULE	TAN, TGL8
Observation Comment: 4x3x2mm		
[NODULE TGLS = TGL8]		
STOMACH, FORESTOMACH		
Tissue Comment: Nodule found at trim, no location specified		
STOMACH, GLANDULAR		
Tissue Comment: Nodule found at trim, no location specified		
THORAX	ACCUMULATION	RED, TGL6
Observation Comment: ~5ml		
[ACCUMULATION TGLS = TGL6]		

ANIMAL ID: 53	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD717
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700738

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	PANCREAS	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
		PHEOCHROMOCYTOMA	BENIGN
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MODERATE
HEART		CARDIOMYOPATHY	MODERATE
	ATRIUM	THROMBUS	
[THROMBUS TGLS = TGL 7-11, Gross Finding = HEART; LEFT, ATRIUM; MASS; TAN; TGL7]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 3-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL3]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		NECROSIS	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MARKED
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MARKED
LYMPH NODE, MANDIBULAR		HEMORRHAGE	MODERATE
LYMPH NODE, MESENTERIC		HEMORRHAGE	MODERATE
NOSE		FOREIGN BODY	
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MODERATE
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SEMINAL VESICLE	BILATERAL	ATROPHY	MARKED
[ATROPHY TGLS = TGL 5-17, Gross Finding = SEMINAL VESICLE; BILATERAL; SMALL; TGL5]			
SKIN		CYST	
		KERATOACANTHOMA	

ANIMAL ID: 53	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD717
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700738

Tissue Comment: TGL 1-18, TGL 2-19
[CYST TGLS = TGL1-18, Gross Finding = SKIN; RIGHT; MASS; TAN; TGL1]
[KERATOACANTHOMA TGLS = TGL2-19, Gross Finding = SKIN; LEFT, AXILLARY; MASS; TAN; TGL2]

SPLEEN	WHITE PULP	ATROPHY	MILD
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE

[HYPERPLASIA TGLS = TGL 8-10, Gross Finding = STOMACH; NODULE; TAN; TGL8]

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 54	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700739

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM		MASS	TAN, TGL2
Observation Comment: wall; 25x25x25mm; TGL2 taken for MolBio			
[MASS TGLS = TGL2]			
KIDNEY	LEFT	CYST	CLEAR, THREE, TGL4, 2
	LEFT	DEFORMITY	PALE, TGL5
	RIGHT	DEFORMITY	PALE, TGL6
Observation Comment: up to 1mm dia			
Observation Comment: TGL5 granular; found at trim			
Observation Comment: TGL6 granular; found at trim			
[CYST TGLS = TGL4, 2]			
[DEFORMITY TGLS = TGL5]			
[DEFORMITY TGLS = TGL6]			
SKELETAL MUSCLE	LEFT, HINDLIMB	MASS	MOTTLED, TGL1
Observation Comment: "hind leg"; 45x40x25mm; TGL1 is fluid filled			
[MASS TGLS = TGL1]			
TESTIS	LEFT	SMALL	TGL3
Observation Comment: 0.5x			
[SMALL TGLS = TGL3]			

ANIMAL ID: 54	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700739

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND
SALIVARY GLAND	SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MARKED
HEART		CARDIOMYOPATHY	MILD
INTESTINE, LARGE, COLON	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
INTESTINE, SMALL, JEJUNUM		ADENOCARCINOMA	
	LYMPHOID TISSUE	HYPERPLASIA	MILD
[ADENOCARCINOMA TGLS = TGL 2-18, Gross Finding = INTESTINE, SMALL, JEJUNUM; MASS; TAN; TGL2]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 4-9, TGL 5-9, TGL 6-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL6-9, TGL5-9, TGL4-9, Gross Finding = KIDNEY; LEFT; CYST; CLEAR, THREE; TGL4, 2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL6-9, TGL5-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL5]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL6-9, TGL5-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL6]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MODERATE
LYMPH NODE, MESENTERIC		ATROPHY	MILD
		HYPERPLASIA	LYMPHOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL
SKELETAL MUSCLE		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-19, Gross Finding = SKELETAL MUSCLE; LEFT, HINDLIMB; MASS; MOTTLED; TGL1]			
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MARKED

ANIMAL ID: 54	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700739

	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
[DEGENERATION TGLS = TGL 3-15, Gross Finding = TESTIS; LEFT; SMALL; TGL3]			
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD

ANIMAL ID: 55	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD715
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700740

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	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	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

HEART		ENLARGED	TGL5
Observation Comment: 1.5x			
[ENLARGED TGLS = TGL5]			
KIDNEY	LEFT	DEFORMITY	TGL3
	RIGHT	DEFORMITY	TGL4
Observation Comment: TGL3 = granular			
Observation Comment: TGL4 = granular			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL4]			
LIVER	LOBE, LEFT	FOCUS	PALE, TGL2
Observation Comment: 2x2mm			
[FOCUS TGLS = TGL2]			
LYMPH NODE, MESENTERIC		ENLARGED	TGL6
Observation Comment: 2x			
[ENLARGED TGLS = TGL6]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
TESTIS	RIGHT	SMALL	TGL1
Observation Comment: 0.5x			
[SMALL TGLS = TGL1]			

ANIMAL ID: 55	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD715
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700740

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	BILATERAL	PHEOCHROMOCYTOMA	BENIGN
HEART		CARDIOMYOPATHY	MODERATE
[CARDIOMYOPATHY TGLS = TGL 5-11, Gross Finding = HEART; ENLARGED; TGL5]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 3-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL4]			
LIVER		FIBROSIS	MILD
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
[FIBROSIS TGLS = TGL 2-13, Gross Finding = LIVER; LOBE, LEFT; FOCUS; PALE; TGL2]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
		HYPERPLASIA	PLASMA CELL, MILD
[HYPERPLASIA TGLS = TGL 6-10, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TGL6]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MARKED
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
[DEGENERATION TGLS = TGL 1-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL1]			
[INFLAMMATION TGLS = TGL 1-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL1]			

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 56	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700741

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL1
Observation Comment: TGL2 = granular			
Observation Comment: TGL1 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	MOTTLED, TGL3
Observation Comment: 4x3x2mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 56	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700741

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL3]			
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 57	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700742

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
NO CORRELATING LESION		TO OBSERVATION / MASS	
SKIN	RIGHT, ABDOMINAL	MASS	TAN, TGL1

Observation Comment: 55x50x35; TGL1 taken for MolBio

[MASS TGLS = TGL1]

ANIMAL ID: 57	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700742

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MARKED
	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, BRONCHIAL		HYPERPLASIA	LYMPHOCYTE, MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	PLASMA CELL, MILD
SKIN		SCHWANNOMA	MALIGNANT
[SCHWANNOMA TGLS = TGL 1-18, Gross Finding = SKIN; RIGHT, ABDOMINAL; MASS; TAN; TGL1]			
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD

ANIMAL ID: 58	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD686
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700743

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	ENLARGED	TGL2
	RIGHT	ENLARGED	TGL3
Observation Comment: 1.5x			
[ENLARGED TGLS = TGL2]			
[ENLARGED TGLS = TGL3]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
SKIN	RIGHT, DORSAL	MASS	WHITE, TGL1, 1
Observation Comment: 20x15x10mm; TGL1 = ulcerated			
[MASS TGLS = TGL1, 1]			

ANIMAL ID: 58	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD686
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700743

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	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	MAMMARY GLAND
NOSE	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	BENIGN
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-19, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-19, TGL3-9, Gross Finding = KIDNEY; LEFT; ENLARGED; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-19, TGL3-9, Gross Finding = KIDNEY; RIGHT; ENLARGED; TGL3]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MILD
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MODERATE
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = SKIN; RIGHT, DORSAL; MASS; WHITE; TGL1, 1]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	ADENOMA	

CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 59	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700744

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL1
Observation Comment: TGL2 = granular			
Observation Comment: TGL1 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
SKIN	DORSAL	CRUST	RED, TGL4
	LEFT, PINNA	MASS	MOTTLED, TGL3
Observation Comment: 9x9mm			
Observation Comment: ear; 25x17x15mm; TGL3 = ulcerated			
[CRUST TGLS = TGL4]			
[MASS TGLS = TGL3]			

ANIMAL ID: 59	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700744

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND		AMYLOID	MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL1]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
SKIN		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
		PLEOMORPHIC FIBROSARCOMA	
Tissue Comment: TGL 4-19, TGL 3-20			
[INFLAMMATION TGLS = TGL4-19, Gross Finding = SKIN; DORSAL; CRUST; RED; TGL4]			
[PLEOMORPHIC FIBROSARCOMA TGLS = TGL3-20, Gross Finding = SKIN; LEFT, PINNA; MASS; MOTTLED; TGL3]			
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 60	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700745

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	CYST	CLEAR, TGL3
	LEFT	DEFORMITY	TGL2
	RIGHT	DEFORMITY	TGL1

Observation Comment: 4x4x4mm
Observation Comment: TGL2 is granular
Observation Comment: TGL1 is granular
[CYST TGLS = TGL3]
[DEFORMITY TGLS = TGL2]
[DEFORMITY TGLS = TGL1]

ANIMAL ID: 60	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700745

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	THYMUS

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, TGL1-9, Gross Finding = KIDNEY; LEFT; CYST; CLEAR; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL1]			
LARYNX		FOREIGN BODY	
LIVER		CLEAR CELL FOCUS	MULTIPLE
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

ANIMAL ID: 61	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD671
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700746

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATING LESION	TO OBSERVATION / MASS

ANIMAL ID: 61	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD671
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700746

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MILD
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- HEART; CARDIOMYOPATHY

ANIMAL ID: 62	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD695
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700747

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL1: granular			
Observation Comment: TGL2: granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 62	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD695
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700747

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	ADENOMA	
	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERPLASIA	FOCAL, MILD
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MODERATE
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LARYNX	LYMPHOID TISSUE	HYPERPLASIA	MILD
LIVER		CLEAR CELL FOCUS	
LUNG		CRYSTALS	MINIMAL
	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MEDIASTINAL		INFILTRATION CELLULAR	HISTIOCYTE, MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	CYST	
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 63	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD607
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700748

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL1 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 63	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD607
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700748

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, MEDIASTINAL	THYMUS		

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
		PHEOCHROMOCYTOMA	MALIGNANT
AORTA		MINERAL	MILD
HEART		CARDIOMYOPATHY	MILD
	ARTERIOLE	MINERAL	MILD
INTESTINE, LARGE, CECUM		MINERAL	MILD
INTESTINE, LARGE, COLON		MINERAL	MILD
KIDNEY		AMPHOPHILIC-VACUOLAR ADENOMA	
		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MILD
PANCREAS	ACINUS	ATROPHY	MILD
	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MILD
SPLEEN	WHITE PULP	ATROPHY	MILD
STOMACH, GLANDULAR		MINERAL	MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 63	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD607
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700748

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 64	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700749

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	RIGHT	CYST	CLEAR, TGL1
	LEFT	DEFORMITY	PALE, TGL3
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: 12mm dia			
Observation Comment: TGL3 = granular			
Observation Comment: TGL2 = granular			
[CYST TGLS = TGL1]			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple; up to 4x2mm; TGL5 affects all lobes			
[FOCUS TGLS = TGL5, 1]			
LYMPH NODE	RENAL	ENLARGED	CLEAR, TWO, TGL4, 2
Observation Comment: 4x			
[ENLARGED TGLS = TGL4, 2]			

ANIMAL ID: 64	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700749

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
		PHEOCHROMOCYTOMA	BENIGN
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; CYST; CLEAR; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER	BILE DUCT	CYST	
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE	RENAL, SINUS, LYMPHATIC	DILATION	MODERATE
[DILATION TGLS = TGL 4-19, Gross Finding = LYMPH NODE; RENAL; ENLARGED; CLEAR, TWO; TGL4, 2]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 65	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700750

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL4
	RIGHT	DEFORMITY	PALE, TGL3
Observation Comment: TGL4 granular			
Observation Comment: TGL3 granular			
[DEFORMITY TGLS = TGL4]			
[DEFORMITY TGLS = TGL3]			
LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple; up to 4x2mm; TGL2 all lobes affected			
[FOCUS TGLS = TGL2, 1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	TAN, TGL1
Observation Comment: 6x5x3mm			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 65	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700750

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	NECROSIS	MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 3-18, TGL 4-18			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-18, TGL3-18, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-18, TGL3-18, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFLAMMATION TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 1-12, Gross Finding = PITUITARY GLAND; ENLARGED; TAN; TGL1]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL

ANIMAL ID: 65	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700750

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 66	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD666
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700751

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL6
	RIGHT	DEFORMITY	PALE, TGL5
Observation Comment: TGL6 granular; found at trim			
Observation Comment: TGL5 granular; found at trim			
[DEFORMITY TGLS = TGL6]			
[DEFORMITY TGLS = TGL5]			
LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple; up to 1x1mm; TGL4 affects all lobes			
[FOCUS TGLS = TGL4, 1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
SEMINAL VESICLE	BILATERAL	SMALL	TGL3
Observation Comment: 0.25x			
[SMALL TGLS = TGL3]			
TESTIS	LEFT	SMALL	TGL1
	RIGHT	SMALL	BLACK, TGL2
Observation Comment: 0.5x			
[SMALL TGLS = TGL1]			
[SMALL TGLS = TGL2]			

ANIMAL ID: 66	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD666
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700751

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

Autolysis Precludes Examination

LYMPH NODE, MESENTERIC

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
AORTA		MINERAL	MODERATE
HEART		CARDIOMYOPATHY	MODERATE
	ARTERIOLE	MINERAL	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 5-18, TGL 6-18			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL6-18, TGL5-18, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL6]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL6-18, TGL5-18, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL5]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
PANCREAS	ACINUS	ADENOMA	
PARATHYROID GLAND		HYPERPLASIA	FOCAL, MODERATE
SEMINAL VESICLE	BILATERAL	ATROPHY	MODERATE
[ATROPHY TGLS = TGL 3-17, Gross Finding = SEMINAL VESICLE; BILATERAL; SMALL; TGL3]			
SPLEEN	WHITE PULP	ATROPHY	MARKED
STOMACH, GLANDULAR		MINERAL	MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
Tissue Comment: TGL 1-15, TGL 2-15			

ANIMAL ID: 66	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD666
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700751

[DEGENERATION TGLS = TGL1-15, TGL2-15, Gross Finding = TESTIS; LEFT; SMALL; TGL1]
[DEGENERATION TGLS = TGL1-15, TGL2-15, Gross Finding = TESTIS; RIGHT; SMALL; BLACK; TGL2]

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 67	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700752

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATING LESION	TO OBSERVATION / MASS

ANIMAL ID: 67	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700752

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	BENIGN
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		CLEAR CELL FOCUS	
	BILE DUCT	HYPERPLASIA	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	GOBLET CELL, MINIMAL
	RESPIRATORY EPITHELIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
PREPUTIAL GLAND	EPITHELIUM	HYPERPLASIA	MODERATE
PROSTATE		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 68	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700753

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL1
Observation Comment: TGL2 = granular			
Observation Comment: TGL1 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple; up to 3x2mm; TGL3 affects all lung lobes			
[FOCUS TGLS = TGL3, 1]			

ANIMAL ID: 68	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700753

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, BRONCHIAL	PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
		PHEOCHROMOCYTOMA	MALIGNANT
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HARDERIAN GLAND		HYPERPLASIA	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL1]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		CYSTIC KERATINIZING EPITHELIOMA	
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD

ANIMAL ID: 69	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD690
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700754

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TAN, TGL4
	RIGHT	DEFORMITY	TAN, TGL5
Observation Comment: TGL4 = granular			
Observation Comment: TGL5 = granular			
[DEFORMITY TGLS = TGL4]			
[DEFORMITY TGLS = TGL5]			
LUNG	LOBE, LEFT	FOCUS	TWO, WHITE, TGL6, 1, 2
Observation Comment: 1x1mm			
[FOCUS TGLS = TGL6, 1, 2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
SKIN	LEFT	MASS	RED, TGL1
	RIGHT	MASS	TAN, TGL2
Observation Comment: perineum; 80x60x25mm; TGL1 = ulcerated			
Observation Comment: neck; 13x8x5mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
SPLEEN		ENLARGED	RED, TGL3
Observation Comment: 56x15x5mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 69	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD690
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700754

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	STOMACH, FORESTOMACH	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	BENIGN
BONE MARROW		HYPERCELLULARITY	MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 4-9, TGL 5-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TAN; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TAN; TGL5]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
[INFILTRATION CELLULAR TGLS = TGL 6-18, Gross Finding = LUNG; LOBE, LEFT; FOCUS; TWO, WHITE; TGL6, 1, 2]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
SKIN		LIPOSARCOMA	
		PAPILLOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[LIPOSARCOMA TGLS = TGL1-19, Gross Finding = SKIN; LEFT; MASS; RED; TGL1]			
[PAPILLOMA TGLS = TGL2-20, Gross Finding = SKIN; RIGHT; MASS; TAN; TGL2]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 3-9, Gross Finding = SPLEEN; ENLARGED; RED; TGL3]			
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 70	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD552
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700755

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATING LESION	TO OBSERVATION / MASS

ANIMAL ID: 70	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD552
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700755

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	DIFFUSE, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 71	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD692
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700756

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

BONE	LEFT, METATARSUS	ENLARGED	TGL2
Observation Comment: 3x			
[ENLARGED TGLS = TGL2]			
KIDNEY	RIGHT	CYST	CLEAR, TGL4
Observation Comment: 3x3x3mm			
[CYST TGLS = TGL4]			
LIVER	LOBE, LEFT	NODULE	YELLOW, TGL3, 1
Observation Comment: 5x5x5mm			
[NODULE TGLS = TGL3, 1]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple; up to 2x2mm; TGL5 all lobes affected; Found at Trim			
[FOCUS TGLS = TGL5, 1]			
SKELETAL MUSCLE	LEFT, HINDLIMB	MASS	TAN, TGL1
Observation Comment: 70x60x50mm; TGL1 was taken for molecular collection			
[MASS TGLS = TGL1]			

ANIMAL ID: 71	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD692
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700756

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	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	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MARKED
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL 4-9, Gross Finding = KIDNEY; RIGHT; CYST; CLEAR; TGL4]			
LIVER		HEPATOCELLULAR ADENOMA	
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
[HEPATOCELLULAR ADENOMA TGLS = TGL 3-13, Gross Finding = LIVER; LOBE, LEFT; NODULE; YELLOW; TGL3, 1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SKIN		FIBROSARCOMA	
	EPITHELIUM	HYPERPLASIA	MODERATE
Tissue Comment: TGL 2-19, TGL 1-18			
[FIBROSARCOMA TGLS = TGL1-18, Gross Finding = SKELETAL MUSCLE; LEFT, HINDLIMB; MASS; TAN; TGL1]			
[HYPERPLASIA TGLS = TGL2-19, Gross Finding = BONE; LEFT, METATARSUS; ENLARGED; TGL2]			

CONTRIBUTORY CAUSE OF DEATH - SKIN; FIBROSARCOMA

ANIMAL ID: 72	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD537
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700757

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	DISCOLORATION	DARK, TGL1
Observation Comment: TGL1 = all lobes		
[DISCOLORATION TGLS = TGL1]		
NO CORRELATING LESION	TO OBSERVATION / MASS	

ANIMAL ID: 72	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD537
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700757

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

BRAIN		HEMANGIOSARCOMA	
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

Tissue Comment: TGL 1-7, TGL 1-8

[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; DISCOLORATION; DARK; TGL1]

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 73	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD603
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700758

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATING LESION	TO OBSERVATION / MASS

ANIMAL ID: 73	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD603
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700758

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MODERATE
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 74	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700759

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	ENLARGED	DARK, TGL1
	RIGHT	ENLARGED	DARK, TGL2

Observation Comment: 1.5x
[ENLARGED TGLS = TGL1]
[ENLARGED TGLS = TGL2]

ANIMAL ID: 74	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700759

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-18, TGL 2-19			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-18, TGL2-19, Gross Finding = KIDNEY; LEFT; ENLARGED; DARK; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-18, TGL2-19, Gross Finding = KIDNEY; RIGHT; ENLARGED; DARK; TGL2]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 75	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700760

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

SKIN	RIGHT, DORSAL	CRUST	BROWN, TGL1
Observation Comment: 5x4mm			
[CRUST TGLS = TGL1]			

ANIMAL ID: 75	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700760

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LARYNX		FOREIGN BODY	
	LYMPHOID TISSUE	HYPERPLASIA	MILD
LIVER		CLEAR CELL FOCUS	MULTIPLE
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
SKIN		INFLAMMATION	CHRONIC-ACTIVE, MODERATE

[INFLAMMATION TGLS = TGL 1-19, Gross Finding = SKIN; RIGHT, DORSAL; CRUST; BROWN; TGL1]

ANIMAL ID: 76	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD727
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700761

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATING LESION		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	DARK, TGL2
Observation Comment: 3x			
[ENLARGED TGLS = TGL2]			
SKIN	DORSAL, RIGHT	MASS	MOTTLED, TGL1
Observation Comment: 30x20x5mm; TGL1 is ulcerated			
[MASS TGLS = TGL1]			

ANIMAL ID: 76	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD727
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700761

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND	SALIVARY GLAND
SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	BENIGN
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LARYNX		FOREIGN BODY	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MODERATE
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 2-19, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL2]			
PROSTATE		ADENOMA	
SKIN	SEBACEOUS GLAND	ADENOMA	
[ADENOMA TGLS = TGL 1-18, Gross Finding = SKIN; DORSAL, RIGHT; MASS; MOTTLED; TGL1]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 77	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700762

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL1
Observation Comment: TGL2 = granular			
Observation Comment: TGL1 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	MOTTLED, TGL3
Observation Comment: 6x4x2mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 77	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700762

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
HARDERIAN GLAND		HYPERPLASIA	MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL1]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL3]			
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 78	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD658
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700763

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 78	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD658
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700763

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	TRACHEA
URINARY BLADDER			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MODERATE
PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 79	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700764

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

SKIN	LEFT, THORACIC	MASS	MOTTLED, TGL1

Observation Comment: 75x65x40mm; TGL1 taken for MolBio

[MASS TGLS = TGL1]

ANIMAL ID: 79	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700764

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH	THYMUS
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	BENIGN
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MILD
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = SKIN; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MARKED

ANIMAL ID: 80	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700765

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LUNG	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL2, 2
Observation Comment: 1x1mm			
[FOCUS TGLS = TGL2, 2]			
SKIN	LEFT, ABDOMINAL	MASS	TAN, TGL1
Observation Comment: 75x75x55mm; TGL1 taken for MolBio			
[MASS TGLS = TGL1]			

ANIMAL ID: 80	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700765

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH
TESTIS	THYMUS	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MODERATE
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, JEJUNUM		ADENOCARCINOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
[INFILTRATION CELLULAR TGLS = TGL 2-8, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL2, 2]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = SKIN; LEFT, ABDOMINAL; MASS; TAN; TGL1]			
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MARKED

ANIMAL ID: 81	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD605
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700766

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS

ANIMAL ID: 81	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD605
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700766

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
SPLEEN	RED PULP	ATROPHY	MODERATE

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 82	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD383
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700767

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
ORAL CAVITY		PERFORATION	RED, TGL1
Observation Comment: 4x4mm; TGl 1 extends from oral cavity into rostral nose.			
[PERFORATION TGLS = TGL1]			
TOOTH	INCISOR	DEFORMITY	TGL2
Observation Comment: Lower; 15mm long; TGL 2= Overgrown mandibular incisors, NST			
[DEFORMITY TGLS = TGL2]			

ANIMAL ID: 82	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD383
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700767

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

LARYNX		FOREIGN BODY	
LUNG	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MODERATE
ORAL CAVITY		PERFORATION	MARKED
[PERFORATION TGLS = TGL 1-1, Gross Finding = ORAL CAVITY; PERFORATION; RED; TGL1]			
SPLEEN	WHITE PULP	ATROPHY	MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
TOOTH		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 2-1, Gross Finding = TOOTH; INCISOR; DEFORMITY; TGL2]			

CONTRIBUTORY CAUSE OF DEATH - ORAL CAVITY; PERFORATION

ANIMAL ID: 83	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700768

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL3
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL 3 = Granular			
Observation Comment: TGL2 = Granular			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL2]			
PANCREAS		MASS	TAN, TGL4
Observation Comment: 9x7x6mm			
[MASS TGLS = TGL4]			
SKIN	DORSAL	MASS	TAN, TGL1
Observation Comment: 10x9x8mm; TGL1 is ulcerated			
[MASS TGLS = TGL1]			

ANIMAL ID: 83	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700768

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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
MAMMARY GLAND	NOSE	PARATHYROID GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
		PHEOCHROMOCYTOMA	BENIGN
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PANCREATIC ISLET		CARCINOMA	
[CARCINOMA TGLS = TGL 4-10, Gross Finding = PANCREAS; MASS; TAN; TGL4]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SKIN		KERATOACANTHOMA	
[KERATOACANTHOMA TGLS = TGL 1-19, Gross Finding = SKIN; DORSAL; MASS; TAN; TGL1]			
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 84	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700769

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL3
	RIGHT	DEFORMITY	PALE, TGL4
Observation Comment: TGL 3 = Granular			
Observation Comment: TGL 4 = Granular			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL4]			
SKIN	RIGHT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 35x35x20mm; TGL1 taken for Mol Bio			
[MASS TGLS = TGL1]			
URINARY BLADDER		ACCUMULATION	WHITE, TGL2, 1
Observation Comment: 7x7x4mm; TGL 2 is a firm deposit in the urinary bladder; no section taken			
[ACCUMULATION TGLS = TGL2, 1]			

ANIMAL ID: 84	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700769

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SPLEEN	STOMACH, FORESTOMACH	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MILD
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 3-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL4]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, BRONCHIAL		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = SKIN; RIGHT, ABDOMINAL; MASS; MOTTLED; TGL1]			
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL

ANIMAL ID: 85	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700770

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	SALIVARY GLANDS
SEMINAL VESICLE	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TGL4
	RIGHT	DEFORMITY	TGL3
Observation Comment: TGL4= Granular			
Observation Comment: TGL3= Granular			
[DEFORMITY TGLS = TGL4]			
[DEFORMITY TGLS = TGL3]			
PROSTATE	RIGHT	MASS	MOTTLED, TGL2
Observation Comment: 9x9x8mm; TGL2= Fluid filled			
[MASS TGLS = TGL2]			
SKIN	LEFT, THORACIC	MASS	TAN, TGL1
Observation Comment: 70x60x30mm; TGL 1 taken for Mol Bio			
[MASS TGLS = TGL1]			

ANIMAL ID: 85	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700770

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND
NOSE	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
SALIVARY GLAND	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
	PELVIS	INFLAMMATION	CHRONIC-ACTIVE, MARKED
Tissue Comment: TGL 3-19, TGL 4-19			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-19, TGL4-19, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-19, TGL4-19, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL3]			
LIVER		CLEAR CELL FOCUS	
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
PANCREAS	ACINUS	ADENOMA	
PROSTATE		INFLAMMATION	CHRONIC-ACTIVE, MARKED
Tissue Comment: TGL 2-17, TGL 2-20			
[INFLAMMATION TGLS = TGL2-17, Gross Finding = PROSTATE; RIGHT; MASS; MOTTLED; TGL2]			
SEMINAL VESICLE	BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MARKED

ANIMAL ID: 85	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700770

SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = SKIN; LEFT, THORACIC; MASS; TAN; TGL1]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 86	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD444
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700771

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TAN, TGL1
	RIGHT	DEFORMITY	TAN, TGL4
Observation Comment: TGL1 = Granular			
Observation Comment: TGL4= Granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	
THORAX		ACCUMULATION	CLEAR, TGL2
Observation Comment: Cavity; ~10mL			
[ACCUMULATION TGLS = TGL2]			
THYMUS		SMALL	TGL3
Observation Comment: 0.25x			
[SMALL TGLS = TGL3]			

ANIMAL ID: 86	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD444
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700771

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

HEART		CARDIOMYOPATHY	MILD
	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TAN; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TAN; TGL4]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MARKED
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MODERATE
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYMUS		ATROPHY	MARKED
[ATROPHY TGLS = TGL 3-7, Gross Finding = THYMUS; SMALL; TGL3]			

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 87	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700772

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL1, 1

Observation Comment: up to 2x2mm; multiple; TGL 1 affects all lobes, found at trim
[FOCUS TGLS = TGL1, 1]

ANIMAL ID: 87	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700772

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BRAIN		ASTROCYTOMA	
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 88	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD589
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700773

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TAN, TGL1
	RIGHT	DEFORMITY	TAN, TGL2

Observation Comment: TGL 1 = Granular
Observation Comment: TGL 2 = Granular
[DEFORMITY TGLS = TGL1]
[DEFORMITY TGLS = TGL2]

NO CORRELATE TO OBSERVATION / MASS

ANIMAL ID: 88	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD589
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700773

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	ADENOMA	
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
AORTA		MINERAL	MARKED
HEART		CARDIOMYOPATHY	MODERATE
	MYOCARDIUM	MINERAL	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TAN; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TAN; TGL2]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PANCREAS	ACINUS	ATROPHY	MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
SPLEEN	WHITE PULP	ATROPHY	MODERATE

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 89	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700774

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL1
Observation Comment: TGL 2 = Granular			
Observation Comment: TGL 1 = Granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: up to 2x2mm; multiple; TGL 3 affects all lung lobes			
[FOCUS TGLS = TGL3, 1]			

ANIMAL ID: 89	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700774

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MILD
BRAIN		ASTROCYTOMA	
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
Tissue Comment: TGL 1-9, TGL 2-19			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-19, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-19, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL1]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
		DEGENERATION	CYSTIC, MILD
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 90	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700775

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TGL2
	RIGHT	DEFORMITY	TGL1
Observation Comment: TGL2 = granular			
Observation Comment: TGL1 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
LIVER	LOBE, MEDIAN	FOCUS	WHITE, TGL6, 1
	LOBE, MEDIAN	NODULE	WHITE, TGL4, 1
Observation Comment: 3x3mm; found at trim			
Observation Comment: 4x3x2mm			
[FOCUS TGLS = TGL6, 1]			
[NODULE TGLS = TGL4, 1]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple; up to 7x3mm; TGL5 affects all lung lobes			
[FOCUS TGLS = TGL5, 1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
SPLEEN		DEFORMITY	RED, TGL3
Observation Comment: 3x3x3mm; TGL3 = accessory spleen in mesentery			
[DEFORMITY TGLS = TGL3]			

ANIMAL ID: 90	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700775

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL1]			
LIVER		HEPATOCELLULAR ADENOMA	
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
		MIXED CELL FOCUS	MULTIPLE
Tissue Comment: TGL 4-18, TGL 6-18			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-18, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; WHITE; TGL4, 1]			
[MIXED CELL FOCUS TGLS = TGL6-18, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; WHITE; TGL6, 1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MODERATE
		HYPERPLASIA	PLASMA CELL, MILD
PANCREATIC ISLET		CARCINOMA	
[CARCINOMA TGLS = TGL 3-19, Gross Finding = SPLEEN; DEFORMITY; RED; TGL3]			
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MARKED

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 91	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD648
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700776

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

NO CORRELATING LESION		TO OBSERVATION / MASS	
SKIN	HEAD	MASS	TAN, TGL1
Observation Comment: 6x5x2mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 91	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD648
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700776

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
		PHEOCHROMOCYTOMA	BENIGN
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MILD
		HYPERPLASIA	PLASMA CELL, MILD
NOSE	NASOLACRIMAL DUCT	INFLAMMATION	CHRONIC-ACTIVE, MARKED
SKIN		KERATOACANTHOMA	
[KERATOACANTHOMA TGLS = TGL 1-18, Gross Finding = SKIN; HEAD; MASS; TAN; TGL1]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 92	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD624
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700777

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL3
Observation Comment: TGL1 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL3]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	DARK, TGL2
Observation Comment: 10x9x9mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 92	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD624
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700777

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MILD
EYE	LENS	CATARACT	MARKED
	CORNEA	INFLAMMATION	ACUTE, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]			
LIVER		BASOPHILIC FOCUS	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MODERATE
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 2-18, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL2]			
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYMUS		ATROPHY	MARKED

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 93	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD493
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700778

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TGL1
	RIGHT	DEFORMITY	TGL2
Observation Comment: TGL1 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
LUNG		DISCOLORATION	RED, TGL3
Observation Comment: TGL3 = all lobes affected; firm; hemorrhage			
[DISCOLORATION TGLS = TGL3]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 93	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD493
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700778

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	ESOPHAGUS
EYE	HARDERIAN GLAND	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
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	INFLAMMATION	SUPPURATIVE, MINIMAL
	CORTEX	NECROSIS	MARKED
AORTA		MINERAL	MINIMAL
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL2]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MARKED
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFLAMMATION TGLS = TGL3-7, Gross Finding = LUNG; DISCOLORATION; RED; TGL3]			
SPLEEN	WHITE PULP	ATROPHY	MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 94	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD655
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700779

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

SKIN	DORSAL	MASS	DARK, TGL2
Observation Comment: 8x7x7mm			
[MASS TGLS = TGL2]			
STOMACH		MASS	WHITE, TGL1, 1
Observation Comment: 13x9x8mm; TGL 1 contains caseous material			
[MASS TGLS = TGL1, 1]			

ANIMAL ID: 94	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD655
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700779

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SPLEEN	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
		PHEOCHROMOCYTOMA	MALIGNANT
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		CLEAR CELL FOCUS	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, BRONCHIAL		HYPERPLASIA	LYMPHOCYTE, MILD
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SKIN		KERATOACANTHOMA	
[KERATOACANTHOMA TGLS = TGL 2-19, Gross Finding = SKIN; DORSAL; MASS; DARK; TGL2]			
STOMACH, FORESTOMACH		CYST	
[CYST TGLS = TGL 1-18, Gross Finding = STOMACH; MASS; WHITE; TGL1, 1]			

CONTRIBUTORY CAUSE OF DEATH	- SKIN; KERATOACANTHOMA

ANIMAL ID: 95	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD637
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700780

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL1: granular			
Observation Comment: TGL2: granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 95	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD637
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700780

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	ESOPHAGUS
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	NECROSIS	MILD
	CORTEX	THROMBUS	
BRAIN		NECROSIS	MILD
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MARKED
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER	BILE DUCT	HYPERPLASIA	MILD
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		EDEMA	MILD
		HEMORRHAGE	MILD
	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MARKED
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MODERATE
PANCREAS	ACINUS	ADENOMA	
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MODERATE
SPLEEN	WHITE PULP	ATROPHY	MARKED
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED

ANIMAL ID: 95	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD637
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700780
	ARTERIOLE, BILATERAL	INFLAMMATION THROMBUS		CHRONIC-ACTIVE, MILD
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY			

ANIMAL ID: 96	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700781

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TAN, TGL2
	RIGHT	DEFORMITY	TAN, TGL3
Observation Comment: TGL2 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL3]			
LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple; up to 2x1mm; TGL4 = affects all lobes			
[FOCUS TGLS = TGL4, 1]			
MAMMARY GLAND	VENTRAL, THORACIC	MASS	TAN, TGL1
Observation Comment: 130x110x50mm			
[MASS TGLS = TGL1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
SEMINAL VESICLE	BILATERAL	SMALL	TGL7
Observation Comment: 0.25x			
[SMALL TGLS = TGL7]			
TESTIS	LEFT	SMALL	TGL6
	RIGHT	SMALL	TGL5
Observation Comment: 0.5x			

ANIMAL ID: 96	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700781

[SMALL TGLS = TGL6]
[SMALL TGLS = TGL5]

ANIMAL ID: 96	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700781

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA, BILATERAL	HYPERPLASIA	FOCAL, MODERATE
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TAN; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TAN; TGL3]			
LARYNX	ARTERIOLE	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MARKED
		HYPERPLASIA	PLASMA CELL, MILD
PANCREAS	ACINUS	HYPERPLASIA	MILD
SEMINAL VESICLE		ATROPHY	MODERATE
[ATROPHY TGLS = TGL 7-17, Gross Finding = SEMINAL VESICLE; BILATERAL; SMALL; TGL7]			
SKIN		FIBROMA	
[FIBROMA TGLS = TGL 1-18, Gross Finding = MAMMARY GLAND; VENTRAL, THORACIC; MASS; TAN; TGL1]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE

ANIMAL ID: 96	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700781

	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 5-15 TGL 6-15			
[DEGENERATION TGLS = TGL6-15, TGL5-15, Gross Finding = TESTIS; LEFT; SMALL; TGL6]			
[DEGENERATION TGLS = TGL6-15, TGL5-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL5]			
THYMUS		AMYLOID	MILD
		HEMORRHAGE	MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY		

ANIMAL ID: 97	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700782

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL3
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL3 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL2]			
THORAX		FLUID	CLEAR, TGL1
Observation Comment: cavity; ~3ml			
[FLUID TGLS = TGL1]			

ANIMAL ID: 97	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700782

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 3-19			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-19, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-19, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
PANCREAS	ACINUS	HYPERPLASIA	MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MODERATE
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL

ANIMAL ID: 98	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700783

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	MOTTLED, TGL1
Observation Comment: 3x			
[ENLARGED TGLS = TGL1]			
LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple; up to 2x2mm; TGL2 = all lobes			
[FOCUS TGLS = TGL2, 1]			

ANIMAL ID: 98	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700783

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	TESTIS
THYMUS	TRACHEA	URINARY BLADDER	

No Section Present

LYMPH NODE, MEDIASTINAL

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	MALIGNANT
[PHEOCHROMOCYTOMA TGLS = TGL 1-12, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; MOTTLED; TGL1]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
		HYPERPLASIA	LYMPHOCYTE, MILD
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
THYROID GLAND	C-CELL	ADENOMA	

CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 99	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD688
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700784

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT
KIDNEY - RIGHT	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SKIN
SPINAL CORD	STOMACH, FORESTOMACH	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

INTESTINE, LARGE, CECUM	MASS	RED, TGL4
	THICK	PALE, TGL7
Tissue Comment: The cecum, colon and ileum are dilated ~10x		
Observation Comment: 10x8x5mm; TGL4 (mass) located at cecum to colon junction		
Observation Comment: x2; found at trim		
[MASS TGLS = TGL4]		
[THICK TGLS = TGL7]		
INTESTINE, LARGE, COLON		
Tissue Comment: The cecum, colon and ileum are dilated ~10x		
INTESTINE, SMALL, ILEUM	THICK	PALE, TGL6
Tissue Comment: The cecum, colon and ileum are dilated ~10x		
Observation Comment: x2; found at trim		
[THICK TGLS = TGL6]		
LYMPH NODE, MESENTERIC	ENLARGED	TGL3
Observation Comment: x8		
[ENLARGED TGLS = TGL3]		
NO CORRELATING LESION	TO OBSERVATION / MASS	
PITUITARY GLAND	FOCUS	DARK, TGL2
Observation Comment: 2x2mm		

ANIMAL ID: 99	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD688
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700784

[FOCUS TGLS = TGL2]		
SEMINAL VESICLE	SMALL	TGL8
Observation Comment: 0.5x; found at trim		
[SMALL TGLS = TGL8]		
SPLEEN	SMALL	TGL1
Observation Comment: x0.5		
[SMALL TGLS = TGL1]		
STOMACH, GLANDULAR	DISCOLORATION	DARK, TGL5
Observation Comment: 18x12mm; found at trim		
[DISCOLORATION TGLS = TGL5]		

ANIMAL ID: 99	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD688
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700784

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SKIN	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	BENIGN
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MILD
BONE MARROW		DEGENERATION	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, LARGE, CECUM		ADENOCARCINOMA	
		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 4-19, TGL 7-11			
[ADENOCARCINOMA TGLS = TGL4-19, Gross Finding = INTESTINE, LARGE, CECUM; MASS; RED; TGL4]			
[INFLAMMATION TGLS = TGL7-11, Gross Finding = INTESTINE, LARGE, CECUM; THICK; PALE; TGL7]			
INTESTINE, SMALL, ILEUM		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
[INFLAMMATION TGLS = TGL 6-11, Gross Finding = INTESTINE, SMALL, ILEUM; THICK; PALE; TGL6]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER		ATROPHY	MODERATE
	BILE DUCT	HYPERPLASIA	MILD
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
		MINERAL	MINIMAL
		THROMBUS	
LYMPH NODE, MESENTERIC		CARCINOMA	METASTATIC
[CARCINOMA TGLS = TGL 3-10, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TGL3]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	

ANIMAL ID: 99	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD688
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700784

[ADENOMA TGLS = TGL 2-12, Gross Finding = PITUITARY GLAND; FOCUS; DARK; TGL2]			
SEMINAL VESICLE		ATROPHY	MODERATE
[ATROPHY TGLS = TGL 8-17, Gross Finding = SEMINAL VESICLE; SMALL; TGL8]			
SPLEEN	WHITE PULP	ATROPHY	MODERATE
[ATROPHY TGLS = TGL 1-9, Gross Finding = SPLEEN; SMALL; TGL1]			
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	DIFFUSE, MILD
		INFLAMMATION	CHRONIC-ACTIVE, MILD
STOMACH, GLANDULAR		CONGESTION	MODERATE
		EROSION	MILD
[CONGESTION TGLS = TGL 5-18, Gross Finding = STOMACH, GLANDULAR; DISCOLORATION; DARK; TGL5]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
CONTRIBUTORY CAUSE OF DEATH	- INTESTINE, LARGE, CECUM; ADENOCARCINOMA		

ANIMAL ID: 100	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700785

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
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, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	RIGHT	ENLARGED	MOTTLED, TGL2
Observation Comment: 4x			
[ENLARGED TGLS = TGL2]			
KIDNEY	LEFT	ENLARGED	PALE, TGL4
	RIGHT	ENLARGED	PALE, TGL5
Observation Comment: 2x; TGL4 is granular			
Observation Comment: 2x; TGL5 is granular			
[ENLARGED TGLS = TGL4]			
[ENLARGED TGLS = TGL5]			
LUNG		FOCUS	TGL3
Observation Comment: multiple; up to 2x2mm; TGL3 affects left, accessory and r.caudal lobes			
[FOCUS TGLS = TGL3]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
PROSTATE	RIGHT LOBE	DISCOLORATION	DARK, TGL1
Observation Comment: 8x8mm			
[DISCOLORATION TGLS = TGL1]			

ANIMAL ID: 100	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Male	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700785

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	MALIGNANT
[PHEOCHROMOCYTOMA TGLS = TGL 2-12, Gross Finding = ADRENAL GLAND; RIGHT; ENLARGED; MOTTLED; TGL2]			
AORTA		MINERAL	MODERATE
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MODERATE
HEART		CARDIOMYOPATHY	MILD
INTESTINE, LARGE, CECUM		INFLAMMATION	CHRONIC-ACTIVE, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 4-9, TGL 5-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL5-9, Gross Finding = KIDNEY; LEFT; ENLARGED; PALE; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL5-9, Gross Finding = KIDNEY; RIGHT; ENLARGED; PALE; TGL5]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; TGL3]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
PITUITARY GLAND	PARS DISTALIS	CYST	
PROSTATE		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
[INFLAMMATION TGLS = TGL 1-17, Gross Finding = PROSTATE; RIGHT LOBE; DISCOLORATION; DARK; TGL1]			
THYROID GLAND	C-CELL	ADENOMA	

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 101	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700786

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	BONE, FEMUR	BRAIN	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
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, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

AORTA		THICK	MOTTLED, TGL4
Observation Comment: arch wall; 3mm			
[THICK TGLS = TGL4]			
KIDNEY	LEFT	DEFORMITY	TAN, TGL1
	RIGHT	DEFORMITY	TAN, TGL2
Observation Comment: TGL1 =granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple; up to 4x3mm; TGL3 = affects all lobes			
[FOCUS TGLS = TGL3, 1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 101	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700786

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	EPIDIDYMIS	ESOPHAGUS
EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR

OBSERVATIONS

ADRENAL GLAND	CORTEX	NECROSIS	MILD
		PHEOCHROMOCYTOMA	BENIGN
AORTA		THROMBUS	
[THROMBUS TGLS = TGL 4-18, Gross Finding = AORTA; THICK; MOTTLED; TGL4]			
BRAIN		INFLAMMATION	CHRONIC-ACTIVE, MILD
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TAN; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TAN; TGL2]			
LIVER		FATTY CHANGE	FOCAL, MINIMAL
	BILE DUCT	HYPERPLASIA	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MODERATE
STOMACH, GLANDULAR		MINERAL	MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

CONTRIBUTORY CAUSE OF DEATH	- HEART; CARDIOMYOPATHY

ANIMAL ID: 102	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD639
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700787

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ABDOMEN	ADRENAL GLAND	AORTA	BLOOD
BLOOD VESSEL	BONE	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	COAGULATING GLAND	EPIDIDYMIS - LEFT
EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LACRIMAL GLAND
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MESENTERY
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PENIS
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKELETAL MUSCLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THORAX	THYMUS	THYROID GLAND	TONGUE
TOOTH	TRACHEA	URETER	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL3
	RIGHT	DEFORMITY	PALE, TGL4
Observation Comment: TGL3 = granular			
Observation Comment: TGL4 = granular			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 2x1 mm, TGL2 = affects all lobes.			
[FOCUS TGLS = TGL2, 1]			
TESTIS	LEFT	SMALL	TGL1
	RIGHT	SMALL	TGL5
Observation Comment: 0.25x			
[SMALL TGLS = TGL1]			
[SMALL TGLS = TGL5]			

ANIMAL ID: 102	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD639
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700787

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	HARDERIAN GLAND	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
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 4-9, TGL 3-18			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-18, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-18, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL4]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MODERATE
SPLEEN	WHITE PULP	ATROPHY	MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
Tissue Comment: TGL 1-15, TGL 5-15			
[DEGENERATION TGLS = TGL1-15, TGL5-15, Gross Finding = TESTIS; LEFT; SMALL; TGL1]			
[DEGENERATION TGLS = TGL1-15, TGL5-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL5]			

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 103	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700788

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

MESENTERY	NODULE	MOTTLED, TGL1
Observation Comment: fat, 11x7x6 mm		
[NODULE TGLS = TGL1]		

ANIMAL ID: 103	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700788

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MINIMAL
	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		CLEAR CELL FOCUS	MULTIPLE
	BILE DUCT	HYPERPLASIA	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
LYMPH NODE, MEDIASTINAL		INFILTRATION CELLULAR	HISTIOCYTE, MODERATE
PANCREATIC ISLET		CARCINOMA	
[CARCINOMA TGLS = TGL 1-18, Gross Finding = MESENTERY; NODULE; MOTTLED; TGL1]			
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 104	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD656
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700789

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	CYST	DARK, TGL1
	LEFT	DEFORMITY	TAN, TGL2
	RIGHT	DEFORMITY	TAN, TGL2
Observation Comment: 5x4x4mm			
Observation Comment: TGL2 = granular			
[CYST TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL2]			
MESENTERY		NODULE	DARK, TGL3
Observation Comment: fat; 10x8x4mm			
[NODULE TGLS = TGL3]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 104	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD656
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700789

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
AORTA		MINERAL	MARKED
HEART		CARDIOMYOPATHY	MODERATE
	MYOCARDIUM	MINERAL	MILD
INTESTINE, LARGE, CECUM		INFLAMMATION	SUPPURATIVE, MODERATE
		MINERAL	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-18, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-18, TGL2-9, Gross Finding = KIDNEY; LEFT; CYST; DARK; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-18, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TAN; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-18, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TAN; TGL2]			
LIVER	CAPSULE	FIBROSIS	MILD
	BILE DUCT	HYPERPLASIA	MILD
		INFILTRATION CELLULAR	MIXED, MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	MINERAL	MINIMAL
MESENTERY		NECROSIS	
[NECROSIS TGLS = TGL 3-19, Gross Finding = MESENTERY; NODULE; DARK; TGL3]			
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MODERATE

ANIMAL ID: 104	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD656
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700789

PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN	WHITE PULP	ATROPHY	MILD
STOMACH, GLANDULAR		MINERAL	MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY		

ANIMAL ID: 105	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD674
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700790

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	DIFFUSE, TGL2
	RIGHT	DEFORMITY	DIFFUSE, TGL5
Observation Comment: TGL2 = granular			
Observation Comment: TGL5 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL5]			
LUNG		DISCOLORATION	DARK, TGL3
Observation Comment: TGL3 = all lobes			
[DISCOLORATION TGLS = TGL3]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
SKIN		MASS	MOTTLED, TGL1
Observation Comment: tail; 12x9x4mm			
[MASS TGLS = TGL1]			
STOMACH, GLANDULAR		DISCOLORATION	DARK, TGL4
Observation Comment: Found at Trim			
[DISCOLORATION TGLS = TGL4]			

ANIMAL ID: 105	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD674
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700790

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SPLEEN	THYMUS	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 5-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; DIFFUSE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; DIFFUSE; TGL5]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		CRYSTALS	MILD
	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 3-7, TGL 3-8			
[INFLAMMATION TGLS = TGL3-7, Gross Finding = LUNG; DISCOLORATION; DARK; TGL3]			
LYMPH NODE, MANDIBULAR		INFILTRATION CELLULAR	HISTIOCYTE, MILD
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
SKIN		CYST	SQUAMOUS
[CYST TGLS = TGL 1-18, Gross Finding = SKIN; MASS; MOTTLED; TGL1]			
STOMACH, FORESTOMACH		ULCER	MODERATE
STOMACH, GLANDULAR		EROSION	MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 105	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD674
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700790

[INFLAMMATION TGLS = TGL 4-10, Gross Finding = STOMACH, GLANDULAR; DISCOLORATION; DARK; TGL4]

TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
THYROID GLAND	C-CELL	ADENOMA	

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 106	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD445
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700791

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

THYMUS	ENLARGED	MOTTLED, TGL1
Observation Comment: 3x		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 106	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD445
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700791

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND - ACINAR CELL	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYROID GLAND	TRACHEA	URINARY BLADDER	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

HEART		CARDIOMYOPATHY	MILD
	VALVE	INFLAMMATION	SUPPURATIVE, MARKED
	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PAPILLA	INFLAMMATION	SUPPURATIVE, MODERATE
LIVER		INFILTRATION CELLULAR	MIXED, MILD
		NECROSIS	MODERATE
LUNG		HEMORRHAGE	MINIMAL
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
		INFLAMMATION	SUPPURATIVE, MODERATE
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SALIVARY GLAND	ACINAR CELL	HYPERPLASIA	ATYPICAL, MULTIFOCAL, MINIMAL
THYMUS		CONGESTION	MARKED
		HEMORRHAGE	MINIMAL

[CONGESTION TGLS = TGL 1-19, Gross Finding = THYMUS; ENLARGED; MOTTLED; TGL1]

CONTRIBUTORY CAUSE OF DEATH - LUNG; INFLAMMATION; SUPPURATIVE

ANIMAL ID: 107	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD724
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700792

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 107	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD724
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700792

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	EPIDIDYMIS	ESOPHAGUS
EYE	HARDERIAN GLAND	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
MAMMARY GLAND	NOSE	PANCREAS	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MODERATE
	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MILD
	BILATERAL	PHEOCHROMOCYTOMA	MALIGNANT
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MILD
BRAIN		ASTROCYTOMA	
HEART		CARDIOMYOPATHY	MODERATE
	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MARKED
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MODERATE
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
		HYPERPLASIA	PLASMA CELL, MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
	BILATERAL	LYMPHOMA	MALIGNANT

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 108	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD658
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700793

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	DARK, TGL1
	RIGHT	DEFORMITY	DARK, TGL4
Observation Comment: TGL1 = granular			
Observation Comment: TGL4 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL4]			
LIVER	RIGHT LOBE	MASS	DARK, TGL2
Observation Comment: anterior; 17x15x10mm			
[MASS TGLS = TGL2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	DARK, TGL3
Observation Comment: 5x4x3mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 108	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD658
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700793

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	PARATHYROID GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; DARK; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; DARK; TGL4]			
LARYNX		INFLAMMATION	CHRONIC-ACTIVE, MILD
LIVER		HEPATOCELLULAR CARCINOMA	
		INFILTRATION CELLULAR	MIXED, MINIMAL
[HEPATOCELLULAR CARCINOMA TGLS = TGL 2-18, Gross Finding = LIVER; RIGHT LOBE; MASS; DARK; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	PLASMA CELL, MODERATE
PANCREAS	ACINUS	ATROPHY	MILD
	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL3]			
STOMACH, GLANDULAR		MINERAL	MODERATE
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

CONTRIBUTORY CAUSE OF DEATH	- PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 109	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700794

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
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
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	TAN, TGL5
Observation Comment: 3x			
[ENLARGED TGLS = TGL5]			
KIDNEY	LEFT	DEFORMITY	PALE, TGL4
	RIGHT	DEFORMITY	PALE, TGL3
Observation Comment: TGL4 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL4]			
[DEFORMITY TGLS = TGL3]			
LIVER	LOBE, LEFT	CYST	CLEAR, TWO, TGL8, 2
	RIGHT	CYST	CLEAR, TGL9
	LOBE, MEDIAN	DEFORMITY	TAN, TGL6
	BILE DUCT	DILATION	CLEAR, TGL10
	LOBE, MEDIAN	FOCUS	TAN, TGL7
Observation Comment: 3x3x1mm			
Observation Comment: anterior; 3x3x1mm			
Observation Comment: 4x4x2 mm, TGL6 = HDN			
Observation Comment: ~4mm dia			
Observation Comment: 2x2mm			

ANIMAL ID: 109	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700794

[CYST TGLS = TGL8, 2]			
[CYST TGLS = TGL9]			
[DEFORMITY TGLS = TGL6]			
[DILATION TGLS = TGL10]			
[FOCUS TGLS = TGL7]			
LUNG	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL12, 2
Observation Comment: 1x1mm			
[FOCUS TGLS = TGL12, 2]			
PANCREAS		NODULE	TAN, TWO, TGL11, 2
Observation Comment: 4x3x2mm			
[NODULE TGLS = TGL11, 2]			
TESTIS	RIGHT	SMALL	TGL1
Observation Comment: 0.25x			
[SMALL TGLS = TGL1]			
THORAX		FLUID	YELLOW, TGL2, 1
Observation Comment: cavity, ~4ml			
[FLUID TGLS = TGL2, 1]			

ANIMAL ID: 109	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700794

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	MINERAL	MILD
		PHEOCHROMOCYTOMA	MALIGNANT
[PHEOCHROMOCYTOMA TGLS = TGL 5-12, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; TAN; TGL5]			
HEART		CARDIOMYOPATHY	MODERATE
	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 3-9, TGL 4-19			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL4-19, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL4-19, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]			
LIVER		CHOLANGIOMA	
	BILE DUCT	CYST	
		FIBROSIS	MINIMAL
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
Tissue Comment: TGL 6-18, TGL 8-13, TGL 9-18, TGL 7-13, TGL 10-18			
[CHOLANGIOMA TGLS = TGL9-18, TGL8-13, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR, TWO; TGL8, 2]			
[CHOLANGIOMA TGLS = TGL9-18, TGL8-13, Gross Finding = LIVER; RIGHT; CYST; CLEAR; TGL9]			
[CYST TGLS = TGL10-18, TGL7-13, TGL9-18, Gross Finding = LIVER; BILE DUCT; DILATION; CLEAR; TGL10]			
[CYST TGLS = TGL10-18, TGL7-13, TGL9-18, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; TAN; TGL7]			
[CYST TGLS = TGL10-18, TGL7-13, TGL9-18, Gross Finding = LIVER; RIGHT; CYST; CLEAR; TGL9]			
[FIBROSIS TGLS = TGL6-18, Gross Finding = LIVER; LOBE, MEDIAN; DEFORMITY; TAN; TGL6]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE

ANIMAL ID: 109	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700794

	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
[INFILTRATION CELLULAR TGLS = TGL 12-8, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL12, 2]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
PANCREAS	ACINUS	HYPERPLASIA	MODERATE
[HYPERPLASIA TGLS = TGL 11-20, Gross Finding = PANCREAS; NODULE; TAN, TWO; TGL11, 2]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MARKED
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
[DEGENERATION TGLS = TGL 1-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL1]			

ANIMAL ID: 110	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD661
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700795

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	ENLARGED	MOTTLED, TGL1
	RIGHT	ENLARGED	MOTTLED, TGL11
Observation Comment: 1.5x			
[ENLARGED TGLS = TGL1]			
[ENLARGED TGLS = TGL11]			
LIVER		ENLARGED	TGL2
Observation Comment: 1.5x; TGL2 = granular			
[ENLARGED TGLS = TGL2]			
LUNG	LOBE, LEFT	FOCUS	WHITE, TGL9, 1
	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL8, 2
Observation Comment: multiple; up to 3x2mm			
Observation Comment: multiple; up to 2x2mm			
[FOCUS TGLS = TGL9, 1]			
[FOCUS TGLS = TGL8, 2]			
LYMPH NODE	LUMBAR	ENLARGED	FOUR, TAN, 1, TGL5
	RENAL	ENLARGED	TAN, THREE, TGL4, 2
Observation Comment: 5x			
Observation Comment: 10x			
[ENLARGED TGLS = 1, TGL5]			

ANIMAL ID: 110	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD661
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700795

[ENLARGED TGLS = TGL4, 2]		
LYMPH NODE, MEDIASTINAL	ENLARGED	TAN, TWO, TGL7, 2
Observation Comment: 2x		
[ENLARGED TGLS = TGL7, 2]		
LYMPH NODE, MESENTERIC	ENLARGED	FIVE, TAN, 1, TGL10
Observation Comment: up to 5x		
[ENLARGED TGLS = 1, TGL10]		
NO CORRELATING LESION	TO OBSERVATION / MASS	
SPLEEN	ENLARGED	MOTTLED, TGL3
Observation Comment: 83x23x11mm		
[ENLARGED TGLS = TGL3]		
THYMUS	ENLARGED	TAN, TGL6
Observation Comment: 2x		
[ENLARGED TGLS = TGL6]		

ANIMAL ID: 110	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD661
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700795

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE, FEMUR	EPIDIDYMIS	ESOPHAGUS	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LYMPH NODE, BRONCHIAL	MAMMARY GLAND	PANCREAS	PARATHYROID GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
		LYMPHOMA	MALIGNANT
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
AORTA		MINERAL	MILD
BONE MARROW		LYMPHOMA	MALIGNANT
BRAIN		LYMPHOMA	MALIGNANT
EYE	BILATERAL	LYMPHOMA	MALIGNANT
HARDERIAN GLAND	BILATERAL	LYMPHOMA	MALIGNANT
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, LARGE, COLON	LYMPHOID TISSUE	HYPERPLASIA	MARKED
KIDNEY		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 11-9, TGL 1-19			
[LYMPHOMA TGLS = TGL11-9, Gross Finding = KIDNEY; LEFT; ENLARGED; MOTTLED; TGL1]			
[LYMPHOMA TGLS = TGL11-9, Gross Finding = KIDNEY; RIGHT; ENLARGED; MOTTLED; TGL11]			
LARYNX		LYMPHOMA	MALIGNANT
LIVER		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 2-13, TGL 2-20			
[LYMPHOMA TGLS = TGL2-13, Gross Finding = LIVER; ENLARGED; TGL2]			
LUNG		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 8-20, TGL 9-7			
[LYMPHOMA TGLS = TGL8-20, TGL9-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL9, 1]			
[LYMPHOMA TGLS = TGL8-20, TGL9-7, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL8, 2]			
LYMPH NODE	LUMBAR	LYMPHOMA	MALIGNANT
	RENAL	LYMPHOMA	MALIGNANT
Tissue Comment: TGL 4-20, TGL 5-19			
[LYMPHOMA TGLS = TGL5-19, TGL4-20, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; FOUR, TAN; 1, TGL5]			

ANIMAL ID: 110	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD661
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700795

[LYMPHOMA TGLS = TGL5-19, TGL4-20, Gross Finding = LYMPH NODE; RENAL; ENLARGED; TAN, THREE; TGL4, 2]			
[LYMPHOMA TGLS = TGL4-20, TGL5-19, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; FOUR, TAN; 1, TGL5]			
[LYMPHOMA TGLS = TGL4-20, TGL5-19, Gross Finding = LYMPH NODE; RENAL; ENLARGED; TAN, THREE; TGL4, 2]			
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 7-7, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TAN, TWO; TGL7, 2]			
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 10-18, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; FIVE, TAN; 1, TGL10]			
NOSE		LYMPHOMA	MALIGNANT
PITUITARY GLAND		LYMPHOMA	MALIGNANT
PREPUTIAL GLAND	BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MARKED
SPLEEN		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 3-9, Gross Finding = SPLEEN; ENLARGED; MOTTLED; TGL3]			
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
	BILATERAL	LYMPHOMA	MALIGNANT
THYMUS		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 6-7, Gross Finding = THYMUS; ENLARGED; TAN; TGL6]			
TRACHEA		LYMPHOMA	MALIGNANT
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; LYMPHOMA; MALIGNANT		

ANIMAL ID: 111	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD505
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700796

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	ENLARGED	DARK, TGL1
Observation Comment: 1.5x		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 111	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD505
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700796

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER		CONGESTION	MODERATE
[CONGESTION TGLS = TGL 1-13, Gross Finding = LIVER; ENLARGED; DARK; TGL1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	PERIVASCULAR	INFILTRATION CELLULAR	FOCAL, LYMPHOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 112	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD600
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700797

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS

ANIMAL ID: 112	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD600
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700797

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LIVER	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	RETINA	ATROPHY	MARKED
	LENS	CATARACT	MARKED
		PHTHISIS BULBI	MARKED
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
SPLEEN	WHITE PULP	ATROPHY	MILD
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MILD
		LEYDIG CELL ADENOMA	

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- EYE; CATARACT; LENS

ANIMAL ID: 113	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700798

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	CYST	CLEAR, TGL1
Observation Comment: 5x3x3mm			
[CYST TGLS = TGL1]			

ANIMAL ID: 113	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700798

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CHOLANGIOMA	
		CLEAR CELL FOCUS	MULTIPLE
[CHOLANGIOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 114	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD611
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700799

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL1 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 114	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD611
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700799

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	NECROSIS	MILD
AORTA		MINERAL	MARKED
EYE	CORNEA	INFLAMMATION	ACUTE, MODERATE
HEART		CARDIOMYOPATHY	MODERATE
	MYOCARDIUM	MINERAL	MODERATE
INTESTINE, LARGE, CECUM		MINERAL	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 1-18			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-18, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-18, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MODERATE
STOMACH, GLANDULAR		MINERAL	MARKED
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 115	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD651
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700800

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL6
Observation Comment: TGL2: Granular			
Observation Comment: TGL6: granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL6]			
LIVER	BILE DUCT	DILATION	TGL3
	BILE DUCT	MASS	TAN, TGL4
Observation Comment: 5x			
Observation Comment: 45x30x29mm; TGL4 is at junction of bile duct and duodenum			
[DILATION TGLS = TGL3]			
[MASS TGLS = TGL4]			
LYMPH NODE, MANDIBULAR		ENLARGED	RED, TWO, TGL1, 2
Observation Comment: 2x			
[ENLARGED TGLS = TGL1, 2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
STOMACH, FORESTOMACH		NODULE	TAN, TGL5
Observation Comment: 2x2x2mm; (non glandular on IANR); found at trim			
[NODULE TGLS = TGL5]			

ANIMAL ID: 115	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD651
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700800

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE
PANCREAS	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA	URINARY BLADDER	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND		AMYLOID	MILD
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	NECROSIS	MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MILD
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
HARDERIAN GLAND		INFLAMMATION	CHRONIC-ACTIVE, MARKED
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 6-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL6-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL6-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL6]			
LIVER		CHOLANGIOFIBROSIS	MARKED
	BILE DUCT	CYST	
		FIBROSIS	MILD
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
Tissue Comment: TGL 3-18, TGL 4-19			
[CHOLANGIOFIBROSIS TGLS = TGL4-19, Gross Finding = LIVER; BILE DUCT; MASS; TAN; TGL4]			
[CYST TGLS = TGL3-18, Gross Finding = LIVER; BILE DUCT; DILATION; TGL3]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		INFLAMMATION	SUPPURATIVE, MARKED

ANIMAL ID: 115	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD651
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700800

[INFLAMMATION TGLS = TGL 1-13, Gross Finding = LYMPH NODE, MANDIBULAR; ENLARGED; RED, TWO; TGL1, 2]			
LYMPH NODE, MESENTERIC		INFLAMMATION	ACUTE, MINIMAL
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MODERATE
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MILD
[HYPERPLASIA TGLS = TGL 5-10, Gross Finding = STOMACH, FORESTOMACH; NODULE; TAN; TGL5]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYMUS		ATROPHY	MODERATE
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY		

ANIMAL ID: 116	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700801

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 116	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700801

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	PREPUTIAL GLAND	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
		PHEOCHROMOCYTOMA	BENIGN
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CLEAR CELL FOCUS	
		EOSINOPHILIC FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MINIMAL
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		HEMORRHAGE	MODERATE
		HYPERPLASIA	LYMPHOCYTE, MODERATE
PANCREAS	ACINUS	ADENOMA	
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 117	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD718
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700802

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LUNG	ACCESSORY LOBE	FOCUS	WHITE, TGL2, 1
Observation Comment: 4x2mm			
[FOCUS TGLS = TGL2, 1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
SKIN	LEFT, FORELIMB	MASS	RED, TGL1
Observation Comment: 50x35x35mm; TGL1 contains clotted blood			
[MASS TGLS = TGL1]			

ANIMAL ID: 117	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD718
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700802

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 2-8, Gross Finding = LUNG; ACCESSORY LOBE; FOCUS; WHITE; TGL2, 1]			
SKIN		HEMANGIOSARCOMA	
[HEMANGIOSARCOMA TGLS = TGL 1-18, Gross Finding = SKIN; LEFT, FORELIMB; MASS; RED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 118	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD560
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700803

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SPINAL CORD	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

NO CORRELATING LESION		TO OBSERVATION / MASS	
SKIN	RIGHT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 80x60x50mm; TGL1 = mass surrounds right femur			
[MASS TGLS = TGL1]			
SPLEEN		ENLARGED	TGL2
Observation Comment: 60x14x7mm; found at trim			
[ENLARGED TGLS = TGL2]			
STOMACH, FORESTOMACH		FOCUS	TAN, TGL3
Observation Comment: up to 2x2mm; found at trim			
[FOCUS TGLS = TGL3]			

ANIMAL ID: 118	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD560
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700803

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE, FEMUR	BRAIN	ESOPHAGUS	EYE
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
AORTA		MINERAL	MILD
BONE MARROW		HYPERCELLULARITY	MARKED
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LARYNX		FOREIGN BODY	
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCYTE	HYPERTROPHY	MODERATE
		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
PANCREATIC ISLET		HYPERPLASIA	MILD
SKIN		PLEOMORPHIC FIBROSARCOMA	
[PLEOMORPHIC FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = SKIN; RIGHT, ABDOMINAL; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-19, Gross Finding = SPLEEN; ENLARGED; TGL2]			
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MILD
		ULCER	MILD

ANIMAL ID: 118	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD560
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700803

[HYPERPLASIA TGLS = TGL 3-20, Gross Finding = STOMACH, FORESTOMACH; FOCUS; TAN; TGL3]

STOMACH, GLANDULAR		EROSION	MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- SKIN; PLEOMORPHIC FIBROSARCOMA

ANIMAL ID: 119	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD639
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700804

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	DARK, TGL1
	RIGHT	DEFORMITY	DARK, TGL2

Observation Comment: TGL1 = granular
Observation Comment: TGL2 = granular
[DEFORMITY TGLS = TGL1]
[DEFORMITY TGLS = TGL2]

ANIMAL ID: 119	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD639
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700804

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	ESOPHAGUS
EYE	HARDERIAN GLAND	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
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

Insufficient Tissue

LYMPH NODE, MESENTERIC

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	NECROSIS	MILD
BRAIN		GLIOMA	
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; DARK; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; DARK; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MARKED
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, BRONCHIAL		ATROPHY	MARKED
		HEMORRHAGE	MILD
SPLEEN	WHITE PULP	ATROPHY	MODERATE
	RED PULP	PIGMENT	INCREASED, MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 120	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700805

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SPINAL CORD	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL6
	RIGHT	DEFORMITY	PALE, TGL5
Observation Comment: TGL6 = granular			
Observation Comment: TGL5 = granular			
[DEFORMITY TGLS = TGL6]			
[DEFORMITY TGLS = TGL5]			
LIVER		DEFORMITY	MOTTLED, TGL4
Observation Comment: TGL4 = granular and affects all lobes			
[DEFORMITY TGLS = TGL4]			
LYMPH NODE, MEDIASTINAL		ENLARGED	RED, TGL8
Observation Comment: 2x			
[ENLARGED TGLS = TGL8]			
PITUITARY GLAND		NODULE	DARK, TGL9
Observation Comment: 4x3x2 mm			
[NODULE TGLS = TGL9]			
SEMINAL VESICLE	BILATERAL	SMALL	PALE, TGL11
Observation Comment: 0.5x			
[SMALL TGLS = TGL11]			
SKIN	LEFT, INGUINAL	MASS	TAN, TGL1
	RIGHT	MASS	GREEN, TGL7

ANIMAL ID: 120	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700805

Observation Comment: 30x30x14 mm		
Observation Comment: perineum, 9x9x7 mm, TGL7 is filled with green material		
[MASS TGLS = TGL1]		
[MASS TGLS = TGL7]		
SPLEEN	ENLARGED	MOTTLED, TGL2
	MASS	MOTTLED, TGL3
Observation Comment: 64x25x20		
Observation Comment: 25x20x20 mm, TGL3 taken for Mol Bio		
[ENLARGED TGLS = TGL2]		
[MASS TGLS = TGL3]		
STOMACH, FORESTOMACH	FOCUS	GREEN, TGL10
	NODULE	WHITE, TGL12, 1
Observation Comment: 13x2 mm		
Observation Comment: multiple, up to 10x3x1 mm		
[FOCUS TGLS = TGL10]		
[NODULE TGLS = TGL12, 1]		
STOMACH, GLANDULAR	NODULE	TAN, TGL13
Observation Comment: multiple, up to 7x5x1 mm		
[NODULE TGLS = TGL13]		

ANIMAL ID: 120	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700805

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LUNG	MAMMARY GLAND	NOSE	PARATHYROID GLAND
PREPUTIAL GLAND	SALIVARY GLAND	TESTIS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND		LYMPHOMA	MALIGNANT
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 5-9, TGL 6-9			
[LYMPHOMA TGLS = TGL5-9, TGL6-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL6]			
[LYMPHOMA TGLS = TGL5-9, TGL6-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL5]			
LIVER		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 4-13, TGL 4-22			
[LYMPHOMA TGLS = TGL4-13, Gross Finding = LIVER; DEFORMITY; MOTTLED; TGL4]			
LYMPH NODE, BRONCHIAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 8-24, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; RED; TGL8]			
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
PANCREAS	ACINUS	HYPERPLASIA	MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 9-12, Gross Finding = PITUITARY GLAND; NODULE; DARK; TGL9]			
PROSTATE		INFLAMMATION	CHRONIC-ACTIVE, MARKED
SEMINAL VESICLE	BILATERAL	ATROPHY	MODERATE
[ATROPHY TGLS = TGL 11-17, Gross Finding = SEMINAL VESICLE; BILATERAL; SMALL; PALE; TGL11]			
SKIN		FIBROMA	
		KERATOACANTHOMA	
Tissue Comment: TGL 1-20, TGL 7-21			
[FIBROMA TGLS = TGL1-20, Gross Finding = SKIN; LEFT, INGUINAL; MASS; TAN; TGL1]			

ANIMAL ID: 120	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700805

[KERATOACANTHOMA TGLS = TGL7-21, Gross Finding = SKIN; RIGHT; MASS; GREEN; TGL7]			
SPLEEN		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 2-19, TGL 3-18			
[LYMPHOMA TGLS = TGL3-18, TGL2-19, Gross Finding = SPLEEN; ENLARGED; MOTTLED; TGL2]			
[LYMPHOMA TGLS = TGL3-18, TGL2-19, Gross Finding = SPLEEN; MASS; MOTTLED; TGL3]			
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MILD
		LYMPHOMA	MALIGNANT
		ULCER	MILD
Tissue Comment: TGL 12-10, TGL 10-23			
[HYPERPLASIA TGLS = TGL12-10, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL12, 1]			
[ULCER TGLS = TGL10-23, Gross Finding = STOMACH, FORESTOMACH; FOCUS; GREEN; TGL10]			
STOMACH, GLANDULAR		EROSION	MILD
	GLAND	HYPERPLASIA	MILD
[HYPERPLASIA TGLS = TGL 13-10, Gross Finding = STOMACH, GLANDULAR; NODULE; TAN; TGL13]			
THYMUS		ATROPHY	MARKED

ANIMAL ID: 121	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700806

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL4
Observation Comment: TGL2 = granular			
Observation Comment: TGL4 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 3x3 mm, TGL3 affects all lobes			
[FOCUS TGLS = TGL3, 1]			
LYMPH NODE, MANDIBULAR	RIGHT	ENLARGED	DARK, TGL1
Observation Comment: 4x			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 121	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700806

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	TESTIS	THYMUS	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 4-18			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL4-18, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL4-18, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL4]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MODERATE
		HYPERPLASIA	PLASMA CELL, MILD
		INFILTRATION CELLULAR	HISTIOCYTE, MILD
[INFILTRATION CELLULAR TGLS = TGL 1-13, Gross Finding = LYMPH NODE, MANDIBULAR; RIGHT; ENLARGED; DARK; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
THYROID GLAND	C-CELL, BILATERAL	ADENOMA	

ANIMAL ID: 122	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD544
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700807

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	RIGHT	CYST	ONE, TGL2
	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL4
Observation Comment: 3 mm dia			
Observation Comment: TGL1 granular			
Observation Comment: TGL4 granular			
[CYST TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	
THYMUS		SMALL	TGL3
Observation Comment: 0.5x			
[SMALL TGLS = TGL3]			

ANIMAL ID: 122	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD544
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700807

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PREPUTIAL GLAND	SALIVARY GLAND
SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
AORTA		MINERAL	MILD
HEART		CARDIOMYOPATHY	MODERATE
	ARTERIOLE	MINERAL	MILD
INTESTINE, LARGE, CECUM		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; CYST; ONE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL4]			
LARYNX	LYMPHOID TISSUE	HYPERPLASIA	MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MODERATE
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
PROSTATE		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
SPLEEN	WHITE PULP	ATROPHY	MILD
	RED PULP	PIGMENT	INCREASED, MILD
STOMACH, GLANDULAR		MINERAL	MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
THYMUS		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 3-7, Gross Finding = THYMUS; SMALL; TGL3]			

CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 123	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700808

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL1, 1

Observation Comment: multiple, up to 2x4 mm, TGL1 affects all lobes

[FOCUS TGLS = TGL1, 1]

ANIMAL ID: 123	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700808

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	TESTIS	THYMUS	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MARKED
		PHEOCHROMOCYTOMA	BENIGN
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LARYNX	LYMPHOID TISSUE	HYPERPLASIA	MILD
LIVER		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
[INFLAMMATION TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
THYROID GLAND	C-CELL, BILATERAL	ADENOMA	

ANIMAL ID: 124	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD594
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700809

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATING LESION TO OBSERVATION / MASS

Observation Comment: Animal marked "normal" by animal technician on IANR. Not correlated by prosector. No lesions found at necropsy.

ANIMAL ID: 124	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD594
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700809

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
BRAIN		ASTROCYTOMA	
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
LYMPH NODE, MEDIASTINAL		INFILTRATION CELLULAR	HISTIOCYTE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- BRAIN; ASTROCYTOMA

ANIMAL ID: 125	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700810

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL3
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL3 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple, up to 3x3 mm, TGL4 affects all lung lobes			
[FOCUS TGLS = TGL4, 1]			
SKIN	DORSAL	CRUST	MOTTLED, TGL1
Observation Comment: 7x5 mm			
[CRUST TGLS = TGL1]			

ANIMAL ID: 125	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700810

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	CORNEA	INFLAMMATION	ACUTE, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
[INFLAMMATION TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SKIN		KERATOACANTHOMA	
[KERATOACANTHOMA TGLS = TGL 1-18, Gross Finding = SKIN; DORSAL; CRUST; MOTTLED; TGL1]			
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MODERATE

ANIMAL ID: 126	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700811

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
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, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

EPIDIDYMIS	LEFT	SMALL	TGL5
Observation Comment: 0.25x			
[SMALL TGLS = TGL5]			
KIDNEY	LEFT	DEFORMITY	TGL2
	RIGHT	DEFORMITY	TGL6
Observation Comment: TGL2 = granular			
Observation Comment: TGL6 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL6]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 3x1 mm, TGL3 affects all lobes			
[FOCUS TGLS = TGL3, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
SKIN	LEFT, ABDOMINAL	MASS	TAN, TGL1
Observation Comment: 17x11x8 mm			
[MASS TGLS = TGL1]			
TESTIS	LEFT	SMALL	TGL4
	RIGHT	SMALL	TGL7
Observation Comment: 0.25x			

ANIMAL ID: 126	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700811

[SMALL TGLS = TGL4]
[SMALL TGLS = TGL7]

ANIMAL ID: 126	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700811

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	THYMUS

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MARKED
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EPIDIDYMIS		HYPOSPERMIA	MODERATE
[HYPOSPERMIA TGLS = TGL 5-15, Gross Finding = EPIDIDYMIS; LEFT; SMALL; TGL5]			
HEART		CARDIOMYOPATHY	MILD
	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 6-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL6-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL6-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL6]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MARKED
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
[INFLAMMATION TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		ATROPHY	MODERATE
LYMPH NODE, MESENTERIC		ATROPHY	MARKED
SKIN		CYST	
[CYST TGLS = TGL 1-18, Gross Finding = SKIN; LEFT, ABDOMINAL; MASS; TAN; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE

ANIMAL ID: 126	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700811

	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

Tissue Comment: TGL 4-15, TGL 7-15
[DEGENERATION TGLS = TGL7-15, TGL4-15, Gross Finding = TESTIS; LEFT; SMALL; TGL4]
[DEGENERATION TGLS = TGL7-15, TGL4-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL7]

CONTRIBUTORY CAUSE OF DEATH	- HEART; THROMBUS; ATRIUM
	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 127	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD637
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700812

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2

Observation Comment: TGL1: granular
Observation Comment: TGL2: granular
[DEFORMITY TGLS = TGL1]
[DEFORMITY TGLS = TGL2]

ANIMAL ID: 127	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD637
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700812

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

No Section Present

LYMPH NODE, BRONCHIAL	PITUITARY GLAND

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	DIFFUSE, MINIMAL
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MILD
	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER		ATROPHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MARKED
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
SPLEEN	WHITE PULP	ATROPHY	MARKED
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

CONTRIBUTORY CAUSE OF DEATH	- HEART; THROMBUS; ATRIUM

ANIMAL ID: 128	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD655
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700813

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
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	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

ADRENAL GLAND	RIGHT	ENLARGED	TGL3
Observation Comment: 2x			
[ENLARGED TGLS = TGL3]			
KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL1 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
LYMPH NODE, MANDIBULAR		CYST	CLEAR, TGL4
Observation Comment: 8x7x6 mm, found at trim			
[CYST TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 128	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD655
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700813

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE
PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
		PHEOCHROMOCYTOMA	MALIGNANT
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MILD
[PHEOCHROMOCYTOMA TGLS = TGL 3-12, Gross Finding = ADRENAL GLAND; RIGHT; ENLARGED; TGL3]			
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LARYNX		INFLAMMATION	CHRONIC-ACTIVE, MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MODERATE
		HYPERPLASIA	LYMPHOCYTE, MODERATE
[DILATION TGLS = TGL 4-13, Gross Finding = LYMPH NODE, MANDIBULAR; CYST; CLEAR; TGL4]			
[HYPERPLASIA TGLS = TGL 4-13, Gross Finding = LYMPH NODE, MANDIBULAR; CYST; CLEAR; TGL4]			
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 128	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD655
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700813

PITUITARY GLAND	PARS DISTALIS	ADENOMA	
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY		

ANIMAL ID: 129	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700814

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	LOBE, LEFT	FOCUS	WHITE, TGL3, 1
	LOBE, MIDDLE, RIGHT	FOCUS	WHITE, TGL2, 1
	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL1, 2

Observation Comment: 7, up to 2x1 mm
Observation Comment: 2x1 mm
Observation Comment: 8, up to 3x1 mm
[FOCUS TGLS = TGL3, 1]
[FOCUS TGLS = TGL2, 1]
[FOCUS TGLS = TGL1, 2]

ANIMAL ID: 129	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700814

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

Tissue Comment: TGL 1-8, TGL 2-8, TGL 3-7, TGL 3-8

[INFILTRATION CELLULAR TGLS = TGL2-8, TGL1-8, TGL3-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL3, 1]
[INFILTRATION CELLULAR TGLS = TGL2-8, TGL1-8, TGL3-7, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; FOCUS; WHITE; TGL2, 1]
[INFILTRATION CELLULAR TGLS = TGL2-8, TGL1-8, TGL3-7, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL1, 2]
[INFLAMMATION TGLS = TGL3-7, TGL1-8, TGL2-8, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL3, 1]
[INFLAMMATION TGLS = TGL3-7, TGL1-8, TGL2-8, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; FOCUS; WHITE; TGL2, 1]
[INFLAMMATION TGLS = TGL3-7, TGL1-8, TGL2-8, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL1, 2]

LYMPH NODE, BRONCHIAL		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	LYMPHOCYTE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD

ANIMAL ID: 130	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700815

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL1, 1

Observation Comment: up to 3x3 mm, TGL1 affects all lobes except accessory lobe, found at trim
[FOCUS TGLS = TGL1, 1]

ANIMAL ID: 130	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700815

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		EOSINOPHILIC FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
		MIXED CELL FOCUS	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
[INFLAMMATION TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
PANCREATIC ISLET		ADENOMA	
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

ANIMAL ID: 131	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700816

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

PITUITARY GLAND		NODULE	RED, TGL4
Observation Comment: 4x4x3 mm, found at trim			
[NODULE TGLS = TGL4]			
SKIN	DORSAL	CRUST	DARK, TGL1
	RIGHT, CERVICAL	MASS	TAN, TGL2
Observation Comment: 5x3 mm			
Observation Comment: 9x9x7 mm			
[CRUST TGLS = TGL1]			
[MASS TGLS = TGL2]			
TESTIS	LEFT	SMALL	DARK, TGL3
Observation Comment: 0.5x			
[SMALL TGLS = TGL3]			

ANIMAL ID: 131	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700816

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	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	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
EPIDIDYMIS		HYPOSPERMIA	MODERATE
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
LUNG	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 4-12, Gross Finding = PITUITARY GLAND; NODULE; RED; TGL4]			
SKIN		FIBROMA	
		KERATOACANTHOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROMA TGLS = TGL2-20, Gross Finding = SKIN; RIGHT, CERVICAL; MASS; TAN; TGL2]			
[KERATOACANTHOMA TGLS = TGL1-19, Gross Finding = SKIN; DORSAL; CRUST; DARK; TGL1]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
[DEGENERATION TGLS = TGL 3-15, Gross Finding = TESTIS; LEFT; SMALL; DARK; TGL3]			
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 132	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700817

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LYMPH NODE, MEDIASTINAL	ENLARGED	TAN, TGL1
Observation Comment: 10x		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 132	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700817

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
AORTA		INFLAMMATION	CHRONIC-ACTIVE, MILD
		THROMBUS	
[THROMBUS TGLS = TGL 1-18, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TAN; TGL1]			
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CHOLANGIOFIBROSIS	MINIMAL
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 133	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD621
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700818

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS

ANIMAL ID: 133	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD621
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700818

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERPLASIA	FOCAL, MILD
BRAIN		ASTROCYTOMA	
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- BRAIN; ASTROCYTOMA

ANIMAL ID: 134	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700819

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM		ENLARGED	TAN, TGL2
Observation Comment: 3x, TGL2 = peyers patch			
[ENLARGED TGLS = TGL2]			
SKIN	VENTRAL	MASS	TAN, TGL1
Observation Comment: neck, 75x70x35 mm, TGL1 taken for Mol Bio			
[MASS TGLS = TGL1]			

ANIMAL ID: 134	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700819

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
NOSE	PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	ADENOMA	
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, JEJUNUM		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 2-10, Gross Finding = INTESTINE, SMALL, JEJUNUM; ENLARGED; TAN; TGL2]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CLEAR CELL FOCUS	
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-18, Gross Finding = SKIN; VENTRAL; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD

ANIMAL ID: 135	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD715
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700820

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 135	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD715
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700820

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	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, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

LYMPH NODE, MEDIASTINAL	THYMUS

OBSERVATIONS

HEART		CARDIOMYOPATHY	MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, BRONCHIAL		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- HEART; CARDIOMYOPATHY

ANIMAL ID: 136	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD564
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700821

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL4
Observation Comment: TGL2 = granular			
Observation Comment: TGL4 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL1, 1
Observation Comment: up to 3x2 mm, TGL1 affects all lobes			
[FOCUS TGLS = TGL1, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	DARK, TGL3
Observation Comment: 11x6x4 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 136	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD564
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700821

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED

Tissue Comment: TGL 2-9, TGL 4-9

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL4]

LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

Tissue Comment: TGL 1-7, TGL 1-8

[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]

[INFLAMMATION TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]

LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	

[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL3]

PROSTATE		INFLAMMATION	CHRONIC-ACTIVE, MODERATE

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 137	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700822

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	DARK, TGL4
	RIGHT	DEFORMITY	DARK, TGL3
Observation Comment: TGL4 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL4]			
[DEFORMITY TGLS = TGL3]			
PENIS		MASS	GREEN, TGL2
Observation Comment: 15x12x12 mm, TGL2 is necrotic			
[MASS TGLS = TGL2]			
ZYMBALS GLAND	LEFT	MASS	GREEN, TGL1
Observation Comment: 30x20x20 mm, TGL1 is necrotic			
[MASS TGLS = TGL1]			

ANIMAL ID: 137	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700822

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, ILEUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SPLEEN
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	MALIGNANT
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, DUODENUM		ADENOMA	
		INFLAMMATION	CHRONIC-ACTIVE, MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 3-9, TGL 4-20			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL4-20, Gross Finding = KIDNEY; LEFT; DEFORMITY; DARK; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL4-20, Gross Finding = KIDNEY; RIGHT; DEFORMITY; DARK; TGL3]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
SKIN		CYST	
[CYST TGLS = TGL 2-19, Gross Finding = PENIS; MASS; GREEN; TGL2]			
STOMACH, FORESTOMACH		INFLAMMATION	CHRONIC-ACTIVE, MILD
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
ZYMBAL'S GLAND		SQUAMOUS CELL CARCINOMA	
[SQUAMOUS CELL CARCINOMA TGLS = TGL 1-18, Gross Finding = ZYMBALS GLAND; LEFT; MASS; GREEN; TGL1]			

ANIMAL ID: 138	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700823

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
ZYMBALS GLAND	BILATERAL	ENLARGED	MOTTLED, TGL1
Observation Comment: 3x			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 138	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700823

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE
SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LARYNX	LYMPHOID TISSUE	HYPERPLASIA	MILD
LIVER		CLEAR CELL FOCUS	MULTIPLE
	BILE DUCT	HYPERPLASIA	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SALIVARY GLAND	ACINAR CELL	HYPERPLASIA	ATYPICAL, MARKED
		INFLAMMATION	CHRONIC-ACTIVE, MILD
[HYPERPLASIA TGLS = TGL 1-19, Gross Finding = ZYMBALS GLAND; BILATERAL; ENLARGED; MOTTLED; TGL1]			
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD

ANIMAL ID: 139	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD663
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700824

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	TGL3
Observation Comment: 2x			
[ENLARGED TGLS = TGL3]			
KIDNEY	LEFT	DEFORMITY	TGL1
	RIGHT	DEFORMITY	TGL2
Observation Comment: TGL1 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 139	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD663
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700824

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	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	MAMMARY GLAND	NOSE	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
		PHEOCHROMOCYTOMA	MALIGNANT
[PHEOCHROMOCYTOMA TGLS = TGL 3-12, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; TGL3]			
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL2]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MODERATE
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MODERATE
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SPLEEN	WHITE PULP	ATROPHY	MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 140	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD715
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700825

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TGL1
	RIGHT	DEFORMITY	TGL2

Observation Comment: TGL1 = granular
Observation Comment: TGL2 = granular
[DEFORMITY TGLS = TGL1]
[DEFORMITY TGLS = TGL2]

NO CORRELATE TO OBSERVATION / MASS

ANIMAL ID: 140	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD715
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700825

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	ESOPHAGUS	HARDERIAN GLAND
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	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
		PHEOCHROMOCYTOMA	MALIGNANT
BONE MARROW		DEGENERATION	MODERATE
BRAIN		ASTROCYTOMA	
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MODERATE
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL2]			
LIVER		FATTY CHANGE	FOCAL, MINIMAL
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		CRYSTALS	MINIMAL
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, BRONCHIAL		INFILTRATION CELLULAR	HISTIOCYTE, MILD
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MILD
LYMPH NODE, MEDIASTINAL		INFILTRATION CELLULAR	HISTIOCYTE, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MODERATE
SPLEEN	WHITE PULP	ATROPHY	MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED

ANIMAL ID: 140	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD715
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700825

	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY		

ANIMAL ID: 141	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD630
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700826

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL3
Observation Comment: TGL1 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL3]			
LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: 2x2 mm, TGL2 all lobes affected, found at trim			
[FOCUS TGLS = TGL2, 1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 141	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD630
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700826

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MODERATE
	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MARKED
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 3-9, TGL 1-18			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL1-18, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL1-18, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
[INFLAMMATION TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
		INFILTRATION CELLULAR	HISTIOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 142	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700827

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	RIGHT	CYST	CLEAR, TGL2
Observation Comment: 1x1 mm			
[CYST TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 1x1 mm, TGL3 affects all lung lobes			
[FOCUS TGLS = TGL3, 1]			
SKIN	THORACIC	MASS	TAN, TGL1
Observation Comment: 28x28x11 mm, TGL1 is fluid filled			
[MASS TGLS = TGL1]			

ANIMAL ID: 142	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700827

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TRACHEA	URINARY BLADDER	

Insufficient Tissue

THYMUS

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL 2-9, Gross Finding = KIDNEY; RIGHT; CYST; CLEAR; TGL2]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
[INFLAMMATION TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
		INFILTRATION CELLULAR	HISTIOCYTE, MILD
SKIN		LIPOMA	
[LIPOMA TGLS = TGL 1-18, Gross Finding = SKIN; THORACIC; MASS; TAN; TGL1]			
TESTIS		LEYDIG CELL ADENOMA	
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 143	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700828

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL1

Observation Comment: TGL2 = granular
Observation Comment: TGL1 = granular
[DEFORMITY TGLS = TGL2]
[DEFORMITY TGLS = TGL1]

ANIMAL ID: 143	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700828

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE
PANCREAS	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	MALIGNANT
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL1]			
LARYNX	LYMPHOID TISSUE	HYPERPLASIA	MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MILD
		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
PARATHYROID GLAND		CARCINOMA	METASTATIC
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
THYROID GLAND	C-CELL	CARCINOMA	

ANIMAL ID: 144	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700829

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	CYST	CLEAR, TGL1
Observation Comment: 1 mm dia			
[CYST TGLS = TGL1]			
LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 4x3 mm, TGL2 all lobes affected			
[FOCUS TGLS = TGL2, 1]			

ANIMAL ID: 144	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700829

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	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	MAMMARY GLAND	NOSE	PANCREAS
PREPUTIAL GLAND	SALIVARY GLAND	SEMINAL VESICLE	SPLEEN
STOMACH, FORESTOMACH	TESTIS	THYMUS	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
BRAIN		GRANULAR CELL TUMOR	BENIGN
HEART		SCHWANNOMA	MALIGNANT
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL 1-9, Gross Finding = KIDNEY; LEFT; CYST; CLEAR; TGL1]			
LIVER		CLEAR CELL FOCUS	
	BILE DUCT	HYPERPLASIA	MINIMAL
		MIXED CELL FOCUS	
LUNG	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFLAMMATION TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MODERATE
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL
SKIN		LIPOMA	
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 145	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD477
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700830

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 145	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD477
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700830

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 146	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700831

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL3
Observation Comment: TGL2 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL3]			
SKIN	LEFT, ABDOMINAL	CRUST	DARK, TGL1
Observation Comment: 10x10 mm			
[CRUST TGLS = TGL1]			

ANIMAL ID: 146	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700831

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	STOMACH, FORESTOMACH	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MILD
HEART		CARDIOMYOPATHY	MODERATE
	MYOCARDIUM	MINERAL	MILD
INTESTINE, LARGE, CECUM		MINERAL	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-19, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-19, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-19, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MINIMAL
PANCREAS	ACINUS	ATROPHY	MILD
	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MILD
	ACINUS	MINERAL	MILD
	ACINUS	SECRETORY DEPLETION	DIFFUSE, MODERATE
SKIN		INFLAMMATION	SUPPURATIVE, MARKED
[INFLAMMATION TGLS = TGL 1-18, Gross Finding = SKIN; LEFT, ABDOMINAL; CRUST; DARK; TGL1]			
SPLEEN	WHITE PULP	ATROPHY	MODERATE
STOMACH, GLANDULAR		MINERAL	MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 147	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD590
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700832

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS	
SPLEEN	MASS	MOTTLED, TGL1
Observation Comment: 60x15x5 mm, TGL1 taken for mol bio		
[MASS TGLS = TGL1]		
URINARY BLADDER	DISCOLORATION	RED, TGL2
Observation Comment: wall		
[DISCOLORATION TGLS = TGL2]		

ANIMAL ID: 147	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD590
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700832

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR	MAMMARY GLAND
NOSE	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND
TRACHEA			

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BRAIN	VENTRICLE	HEMORRHAGE	MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MILD
LUNG		CRYSTALS	MILD
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, BRONCHIAL		HISTIOCYTIC SARCOMA	
LYMPH NODE, MEDIASTINAL		HISTIOCYTIC SARCOMA	
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
PANCREAS	ACINUS	HEMORRHAGE	MARKED
	ACINUS	NECROSIS	MARKED
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 1-18, Gross Finding = SPLEEN; MASS; MOTTLED; TGL1]			
URINARY BLADDER		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
[INFLAMMATION TGLS = TGL 2-19, Gross Finding = URINARY BLADDER; DISCOLORATION; RED; TGL2]			

CONTRIBUTORY CAUSE OF DEATH - PANCREAS; HEMORRHAGE; ACINUS

ANIMAL ID: 148	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700833

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL1, 1

Observation Comment: multiple, up to 3x2 mm, TGL1 affects right caudal and left lung lobe
[FOCUS TGLS = TGL1, 1]

ANIMAL ID: 148	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700833

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MARKED
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
[INFLAMMATION TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MINIMAL
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL

ANIMAL ID: 149	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700834

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 149	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700834

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	PANCREAS	PREPUTIAL GLAND
SALIVARY GLAND	SEMINAL VESICLE	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
		PHEOCHROMOCYTOMA	MALIGNANT
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MODERATE
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER		CLEAR CELL FOCUS	MULTIPLE
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR		HEMORRHAGE	MODERATE
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MILD
SKIN	HAIR FOLLICLE	DILATION	
SPLEEN	RED PULP	PIGMENT	INCREASED, MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
THYMUS		LYMPHOMA	MALIGNANT
TRACHEA	GLAND	DILATION	MILD

ANIMAL ID: 150	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700835

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL1
Observation Comment: TGL2 = granular			
Observation Comment: TGL1 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 150	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700835

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	THYMUS	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MARKED
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MODERATE
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL1]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, BRONCHIAL		HYPERPLASIA	LYMPHOCYTE, MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MODERATE
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 151	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD322
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700836

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS

ANIMAL ID: 151	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD322
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700836

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG		HEMORRHAGE	MILD
	EPITHELIUM, ALVEOLUS	HYPERPLASIA	MILD
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	ANGIECTASIS	MINIMAL
THYMUS		HEMORRHAGE	MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 152	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700837

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
ESOPHAGUS	EYE	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, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	TGL1
Observation Comment: 3x			
[ENLARGED TGLS = TGL1]			
EPIDIDYMIS	LEFT	SMALL	TGL8
	RIGHT	SMALL	TGL7
Observation Comment: 0.25x			
[SMALL TGLS = TGL8]			
[SMALL TGLS = TGL7]			
KIDNEY	LEFT	CYST	CLEAR, TWO, TGL4, 2
	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL3
Observation Comment: 4 mm dia			
[CYST TGLS = TGL4, 2]			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL3]			
LUNG		FOCUS	RED, TGL10
Observation Comment: multiple, up to 4x4 mm, TGL 10 affects all lung lobes			
[FOCUS TGLS = TGL10]			
NO CORRELATE		TO OBSERVATION / MASS	
SEMINAL VESICLE	BILATERAL	SMALL	TGL9

ANIMAL ID: 152	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700837

Observation Comment: 0.25x			
[SMALL TGLS = TGL9]			
TESTIS	LEFT	SMALL	TGL6
	RIGHT	SMALL	TGL5
Observation Comment: 0.25x			
[SMALL TGLS = TGL6]			
[SMALL TGLS = TGL5]			

ANIMAL ID: 152	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700837

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PANCREAS	PREPUTIAL GLAND	PROSTATE	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA			

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MINIMAL
	MEDULLA	HYPERPLASIA	FOCAL, MARKED
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
		PHEOCHROMOCYTOMA	MALIGNANT
[PHEOCHROMOCYTOMA TGLS = TGL 1-20, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; TGL1]			
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MARKED
Tissue Comment: TGL 7-15, TGL 8-15			
[HYPOSPERMIA TGLS = TGL8-15, TGL7-15, Gross Finding = EPIDIDYMIS; LEFT; SMALL; TGL8]			
[HYPOSPERMIA TGLS = TGL8-15, TGL7-15, Gross Finding = EPIDIDYMIS; RIGHT; SMALL; TGL7]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 4-19, TGL 3-9, TGL 2-18			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-18, TGL4-19, Gross Finding = KIDNEY; LEFT; CYST; CLEAR, TWO; TGL4, 2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-18, TGL4-19, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-18, TGL4-19, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	CYTOPLASMIC, HEPATOCYTE	VACUOLATION	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MARKED
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 10-7, TGL 10-8			
[INFLAMMATION TGLS = TGL10-7, Gross Finding = LUNG; FOCUS; RED; TGL10]			
LYMPH NODE, MANDIBULAR		INFLAMMATION	SUPPURATIVE, MODERATE

ANIMAL ID: 152	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700837

NOSE	OLFACTORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MARKED
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SALIVARY GLAND		ATROPHY	MILD
SEMINAL VESICLE	BILATERAL	ATROPHY	MODERATE
[ATROPHY TGLS = TGL 9-17, Gross Finding = SEMINAL VESICLE; BILATERAL; SMALL; TGL9]			
SPLEEN		ATROPHY	MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 5-15, TGL 6-15			
[DEGENERATION TGLS = TGL6-15, TGL5-15, Gross Finding = TESTIS; LEFT; SMALL; TGL6]			
[DEGENERATION TGLS = TGL6-15, TGL5-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL5]			
URINARY BLADDER		PAPILLOMA	

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 153	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700838

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL3
	RIGHT	DEFORMITY	PALE, TGL2
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL2]			
LIVER	LOBE, LEFT	MASS	TGL7
Observation Comment: 9x8x4 mm			
[MASS TGLS = TGL7]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	TAN, TGL1
Observation Comment: 43x30x17 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
SEMINAL VESICLE	BILATERAL	SMALL	TGL6
Observation Comment: 0.25x			
[SMALL TGLS = TGL6]			
TESTIS	LEFT	SMALL	TGL5
	RIGHT	SMALL	TGL4
Observation Comment: 0.5x			
[SMALL TGLS = TGL5]			
[SMALL TGLS = TGL4]			

ANIMAL ID: 153	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700838

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	ESOPHAGUS
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS
PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
STOMACH, FORESTOMACH	THYROID GLAND	TRACHEA	

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	THYMUS

OBSERVATIONS

ADRENAL GLAND	CORTEX	ANGIECTASIS	MILD
	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MILD
	CORTEX	NECROSIS	MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MILD
BONE MARROW		DEGENERATION	MINIMAL
		HEMORRHAGE	MINIMAL
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MODERATE
HEART		CARDIOMYOPATHY	MODERATE
	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
	RENAL TUBULE	HYPERTROPHY	MILD
Tissue Comment: TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 7-19, TGL 7-13.			
[HEPATOCELLULAR CARCINOMA TGLS = TGL7-19, Gross Finding = LIVER; LOBE, LEFT; MASS; TGL7]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
NOSE		FOREIGN BODY	
		HEMORRHAGE	MILD

ANIMAL ID: 153	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700838
		THROMBUS		
PITUITARY GLAND	PARS DISTALIS	ADENOMA		
SEMINAL VESICLE		ATROPHY	MARKED	
Tissue Comment: TGL 6-17				
[ATROPHY TGLS = TGL 6-17, Gross Finding = SEMINAL VESICLE; BILATERAL; SMALL; TGL6]				
SKIN		FIBROSARCOMA		
Tissue Comment: TGL 1-19				
[FIBROSARCOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; TAN; TGL1]				
SPLEEN	WHITE PULP	ATROPHY	MILD	
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL	
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD	
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL	
Tissue Comment: TGL 4-15, TGL 5-15				
[DEGENERATION TGLS = TGL5-15, TGL4-15, Gross Finding = TESTIS; LEFT; SMALL; TGL5]				
[DEGENERATION TGLS = TGL5-15, TGL4-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL4]				
URINARY BLADDER		PAPILLOMA		
CONTRIBUTORY CAUSE OF DEATH	- HEART; THROMBUS; ATRIUM			

ANIMAL ID: 154	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD709
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700839

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	RIGHT	CYST	CLEAR, TWO, TGL4, 2
	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2

Observation Comment: up to 4x4x3 mm
Observation Comment: TGL1 is granular
Observation Comment: TGL2 is granular
[CYST TGLS = TGL4, 2]
[DEFORMITY TGLS = TGL1]
[DEFORMITY TGLS = TGL2]

LUNG	ACCESSORY LOBE	FOCUS	FOUR, WHITE, TGL6, 2
	LOBE, LEFT	FOCUS	THREE, WHITE, TGL5, 1, 2
	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL7, 2

Observation Comment: up to 7x1 mm
Observation Comment: up to 12x2 mm
Observation Comment: 1x1 mm
[FOCUS TGLS = TGL6, 2]
[FOCUS TGLS = TGL5, 1, 2]
[FOCUS TGLS = TGL7, 2]

ANIMAL ID: 154	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD709
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700839

NO CORRELATE	TO OBSERVATION / MASS	
PITUITARY GLAND	FOCUS	WHITE, TGL3, 1
Observation Comment: 2x2 mm		
[FOCUS TGLS = TGL3, 1]		

ANIMAL ID: 154	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD709
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700839

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	HARDERIAN GLAND	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
PREPUTIAL GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MINIMAL
	MEDULLA, BILATERAL	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MILD
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED

Tissue Comment: TGL 1-9, TGL 2-9, TGL 4-9

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; CYST; CLEAR, TWO; TGL4, 2]

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD

Tissue Comment: TGL 5-7, TGL 6-8, TGL 7-8

[INFILTRATION CELLULAR TGLS = TGL7-8, TGL6-8, TGL5-7, Gross Finding = LUNG; ACCESSORY LOBE; FOCUS; FOUR, WHITE; TGL6, 2]

[INFILTRATION CELLULAR TGLS = TGL7-8, TGL6-8, TGL5-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; THREE, WHITE; TGL5, 1, 2]

[INFILTRATION CELLULAR TGLS = TGL7-8, TGL6-8, TGL5-7, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL7, 2]

[INFLAMMATION TGLS = TGL5-7, TGL7-8, TGL6-8, Gross Finding = LUNG; ACCESSORY LOBE; FOCUS; FOUR, WHITE; TGL6, 2]

[INFLAMMATION TGLS = TGL5-7, TGL7-8, TGL6-8, Gross Finding = LUNG; LOBE, LEFT; FOCUS; THREE, WHITE; TGL5, 1, 2]

[INFLAMMATION TGLS = TGL5-7, TGL7-8, TGL6-8, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL7, 2]

PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MODERATE
PITUITARY GLAND	PARS DISTALIS	ADENOMA	

ANIMAL ID: 154	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD709
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700839

[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; FOCUS; WHITE; TGL3, 1]

PROSTATE		INFLAMMATION	CHRONIC-ACTIVE, MILD
SEMINAL VESICLE	BILATERAL	ATROPHY	MARKED
STOMACH, GLANDULAR		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
		MINERAL	MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 155	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD623
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700840

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL4
Observation Comment: TGL2: granular, found at trim			
Observation Comment: TGL4: granular, found at trim			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	DARK, TGL3
Observation Comment: 5x4x3 mm, found at trim			
[ENLARGED TGLS = TGL3]			
SPLEEN		ENLARGED	DARK, TGL1
Observation Comment: 54x13x5 mm, found at trim			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 155	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD623
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700840

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, COLON	INTESTINE, SMALL, DUODENUM
LARYNX	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND
PROSTATE	SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MILD
	MEDULLA	INFLAMMATION	SUPPURATIVE, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BRAIN		HEMORRHAGE	MINIMAL
	MENINGES	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MARKED
HEART	VALVE	INFLAMMATION	SUPPURATIVE, MARKED
INTESTINE, LARGE, CECUM		INFLAMMATION	SUPPURATIVE, MILD
INTESTINE, LARGE, RECTUM		INFLAMMATION	SUPPURATIVE, MINIMAL
INTESTINE, SMALL, ILEUM		INFLAMMATION	SUPPURATIVE, MINIMAL
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
		INFLAMMATION	SUPPURATIVE, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
		INFARCT	MODERATE
	BILATERAL	INFLAMMATION	ACUTE, MODERATE

Tissue Comment: TGL 2-9, TGL 4-9

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL4]

LIVER		INFLAMMATION	SUPPURATIVE, MILD
		NECROSIS	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, BRONCHIAL		HYPERPLASIA	PLASMA CELL, MILD

ANIMAL ID: 155	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD623
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700840

LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MODERATE
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL3]			
SALIVARY GLAND		INFLAMMATION	SUPPURATIVE, MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 1-9, Gross Finding = SPLEEN; ENLARGED; DARK; TGL1]			
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- HEART; INFLAMMATION; VALVE; SUPPURATIVE

ANIMAL ID: 156	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD659
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700841

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TGL2
	RIGHT	DEFORMITY	TGL7
Observation Comment: TGL2 = granular			
Observation Comment: TGL7 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL7]			
LUNG		DISCOLORATION	MOTTLED, TGL4
Observation Comment: TGL4 affects all lobes			
[DISCOLORATION TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	
SKIN	LEFT, AXILLARY	MASS	MOTTLED, TGL3
Observation Comment: 48x45x28 mm, TGL3 consists of 1 mass, no other mass found at necropsy on left abdominal region.			
[MASS TGLS = TGL3]			
TESTIS	LEFT	SMALL	TGL5
	RIGHT	SMALL	TGL6
Observation Comment: 0.5x			
[SMALL TGLS = TGL5]			
[SMALL TGLS = TGL6]			
THYMUS		SMALL	TAN, TGL1

ANIMAL ID: 156	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD659
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700841

Observation Comment: 0.1x
[SMALL TGLS = TGL1]

ANIMAL ID: 156	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD659
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700841

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
	CYTOPLASMIC, CORTEX	VACUOLATION	DIFFUSE, MILD
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MILD
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MILD
	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 7-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL7-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL7-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL7]			
LARYNX		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LIVER		MIXED CELL FOCUS	
LUNG	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 4-7, TGL 4-8			
[INFLAMMATION TGLS = TGL4-7, Gross Finding = LUNG; DISCOLORATION; MOTTLED; TGL4]			
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MODERATE
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MODERATE
SEMINAL VESICLE		ADENOMA	
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 3-18, Gross Finding = SKIN; LEFT, AXILLARY; MASS; MOTTLED; TGL3]			

ANIMAL ID: 156	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD659
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700841

SPLEEN	WHITE PULP	ATROPHY	MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 5-15, TGL 6-15			
[DEGENERATION TGLS = TGL5-15, TGL6-15, Gross Finding = TESTIS; LEFT; SMALL; TGL5]			
[DEGENERATION TGLS = TGL5-15, TGL6-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL6]			
THYMUS		ATROPHY	MARKED
[ATROPHY TGLS = TGL 1-7, Gross Finding = THYMUS; SMALL; TAN; TGL1]			

CONTRIBUTORY CAUSE OF DEATH - HEART; THROMBUS; ATRIUM

ANIMAL ID: 157	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700842

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL1 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
LIVER	LOBE, MEDIAN	FOCUS	WHITE, TGL3, 1
Observation Comment: 3x2 mm			
[FOCUS TGLS = TGL3, 1]			
LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple, up to 5x5 mm, TGL4 affects all lobes			
[FOCUS TGLS = TGL4, 1]			

ANIMAL ID: 157	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700842

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	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, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER		CLEAR CELL FOCUS	
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
[CLEAR CELL FOCUS TGLS = TGL 3-13, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; WHITE; TGL3, 1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, FOCAL, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
[INFLAMMATION TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 158	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD677
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700843

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
PREPUTIAL GLAND	LEFT	NODULE	GREEN, TGL1
Observation Comment: 3x3x3 mm			
[NODULE TGLS = TGL1]			
TESTIS	LEFT	SMALL	TGL2
Observation Comment: 0.5x			
[SMALL TGLS = TGL2]			

ANIMAL ID: 158	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD677
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700843

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	HARDERIAN GLAND	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
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, BRONCHIAL	PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MILD
EPIDIDYMIS		HYPOSPERMIA	MILD
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG		CONGESTION	MODERATE
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
PREPUTIAL GLAND	DUCT	DILATION	
[DILATION TGLS = TGL 1-16, Gross Finding = PREPUTIAL GLAND; LEFT; NODULE; GREEN; TGL1]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MILD
[DEGENERATION TGLS = TGL 2-15, Gross Finding = TESTIS; LEFT; SMALL; TGL2]			
THYROID GLAND	C-CELL	ADENOMA	

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 159	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700844

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2

Observation Comment: TGL1 = granular
Observation Comment: TGL2 = granular
[DEFORMITY TGLS = TGL1]
[DEFORMITY TGLS = TGL2]

ANIMAL ID: 159	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700844

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PARATHYROID GLAND
PITUITARY GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MINIMAL
HARDERIAN GLAND		HYPERPLASIA	ATYPICAL, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	PERIVASCULAR	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PANCREAS	ACINUS	HYPERPLASIA	MARKED
PREPUTIAL GLAND		INFLAMMATION	CHRONIC-ACTIVE, MARKED
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
		LEYDIG CELL ADENOMA	

ANIMAL ID: 160	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700845

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2

Observation Comment: TGL1 = granular
Observation Comment: TGL2 = granular
[DEFORMITY TGLS = TGL1]
[DEFORMITY TGLS = TGL2]

ANIMAL ID: 160	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700845

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA

No Section Present

PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MODERATE
		PHEOCHROMOCYTOMA	MALIGNANT
	MEDULLA	THROMBUS	
	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MINIMAL
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
HEART		CARDIOMYOPATHY	MILD
	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MARKED
		INFLAMMATION	CHRONIC-ACTIVE, MARKED
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
SEMINAL VESICLE	BILATERAL	ATROPHY	MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
URINARY BLADDER		PAPILLOMA	

CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 161	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700846

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL4
Observation Comment: TGL2 granular			
Observation Comment: TGL4 granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL4]			
LIVER	LOBE, LEFT	NODULE	TGL1
Observation Comment: 9x8x4 mm			
[NODULE TGLS = TGL1]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, 3x3 mm, TGL3: all lobes affected			
[FOCUS TGLS = TGL3, 1]			

ANIMAL ID: 161	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700846

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	PANCREAS	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
Tissue Comment: TGL 4-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL4]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
		HEPATODIAPHRAGMATIC NODULE	
		INFILTRATION CELLULAR	MIXED, MINIMAL
[HEPATODIAPHRAGMATIC NODULE TGLS = TGL 1-19, Gross Finding = LIVER; LOBE, LEFT; NODULE; TGL1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
[INFLAMMATION TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MESENTERIC	SINUS, LYMPHATIC	DILATION	MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
STOMACH, GLANDULAR		MINERAL	MINIMAL

ANIMAL ID: 161	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700846

TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 162	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700847

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 2x1 mm, TGL2 affects all lobes			
[FOCUS TGLS = TGL2, 1]			
SKIN	LEFT, THORACIC	MASS	TAN, TGL1
Observation Comment: 55x30x20 mm, TGL1 taken for Mol Bio			
[MASS TGLS = TGL1]			

ANIMAL ID: 162	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700847

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

No Section Present

PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MODERATE
	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CLEAR CELL FOCUS	MULTIPLE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
[INFLAMMATION TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MODERATE
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
SKIN	SWEAT GLAND	ADENOMA	
Tissue Comment: TGL 1-19, TGL 1-18			
[ADENOMA TGLS = TGL1-19, Gross Finding = SKIN; LEFT, THORACIC; MASS; TAN; TGL1]			

ANIMAL ID: 163	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD696
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700848

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL1 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 5x3 mm, TGL3 affects all lung lobes			
[FOCUS TGLS = TGL3, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	RED, TGL4
Observation Comment: 5x4x3 mm			
[ENLARGED TGLS = TGL4]			

ANIMAL ID: 163	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD696
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700848

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	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
PARATHYROID GLAND	PREPUTIAL GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
PANCREAS	ACINUS	ATROPHY	MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 4-12, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL4]			
PROSTATE	BILATERAL	INFLAMMATION	SUPPURATIVE, MARKED
SEMINAL VESICLE	BILATERAL	INFLAMMATION	SUPPURATIVE, MARKED
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 164	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700849

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 2x1 mm, TGL2 affects all lung lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	AXILLARY, LEFT	MASS	TAN, TGL1
Observation Comment: 50x45x15 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 164	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700849

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
[INFLAMMATION TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-18, Gross Finding = MAMMARY GLAND; AXILLARY, LEFT; MASS; TAN; TGL1]			
PREPUTIAL GLAND		SQUAMOUS CELL CARCINOMA	
PROSTATE		ADENOMA	
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 165	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD342
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700850

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

BONE	CALVARIUM	MASS	MOTTLED, TGL1
Observation Comment: 30x12x7 mm, TGL1 = extends into left nasal cavity and compresses brain.			
[MASS TGLS = TGL1]			
EYE	LEFT	SMALL	TGL2
Observation Comment: 0.5x			
[SMALL TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 5x4x3 mm, TGL3 = left lobe and right diaphragmatic			
[FOCUS TGLS = TGL3, 1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 165	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD342
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700850

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
EPIDIDYMIS	ESOPHAGUS	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

BONE		OSTEOSARCOMA	
[OSTEOSARCOMA TGLS = TGL 1-18, Gross Finding = BONE; CALVARIUM; MASS; MOTTLED; TGL1]			
BRAIN		OSTEOSARCOMA	METASTATIC
EYE		OSTEOSARCOMA	METASTATIC
[OSTEOSARCOMA TGLS = TGL 2-14, Gross Finding = EYE; LEFT; SMALL; TGL2]			
HARDERIAN GLAND		OSTEOSARCOMA	METASTATIC
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
NOSE		HEMORRHAGE	MINIMAL

CONTRIBUTORY CAUSE OF DEATH - BONE; OSTEOSARCOMA

ANIMAL ID: 166	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700851

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 166	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700851

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		BASOPHILIC FOCUS	
		CLEAR CELL FOCUS	MULTIPLE
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PREPUTIAL GLAND	DUCT	DILATION	
PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD

ANIMAL ID: 167	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD411
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700852

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DILATION	TGL2
	RIGHT	DILATION	TGL4
Observation Comment: up to 5x2 mm, found at trim			
[DILATION TGLS = TGL2]			
[DILATION TGLS = TGL4]			
LUNG		FOCUS	TAN, TGL3
Observation Comment: up to 2x2 mm, TGL3 affects all lung lobes, found at trim			
[FOCUS TGLS = TGL3]			
PREPUTIAL GLAND	LEFT	ENLARGED	GREEN, TGL1
Observation Comment: 15x15x10 mm			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 167	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD411
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700852

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MODERATE
Tissue Comment: TGL 2-9, TGL 4-9			
[DILATION TGLS = TGL2-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DILATION; TGL2]			
[DILATION TGLS = TGL2-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DILATION; TGL4]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; TAN; TGL3]			
PREPUTIAL GLAND		INFLAMMATION	CHRONIC-ACTIVE, MARKED
[INFLAMMATION TGLS = TGL 1-18, Gross Finding = PREPUTIAL GLAND; LEFT; ENLARGED; GREEN; TGL1]			

CONTRIBUTORY CAUSE OF DEATH - PREPUTIAL GLAND; INFLAMMATION; CHRONIC-ACTIVE

ANIMAL ID: 168	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700853

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

HEART	LEFT, VENTRICLE	DILATION	TGL7
	RIGHT, ATRIUM	NODULE	TAN, TGL6
Observation Comment: found at trim			
Observation Comment: 4x3x2 mm, found at trim			
[DILATION TGLS = TGL7]			
[NODULE TGLS = TGL6]			
KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL1 = granular			
Observation Comment: TGL2 = pale			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
LUNG		DISCOLORATION	MOTTLED, TGL4
Observation Comment: TGL4 affects all lobes			
[DISCOLORATION TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	DARK, TGL5
Observation Comment: 6x5x3 mm			
[ENLARGED TGLS = TGL5]			

ANIMAL ID: 168	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700853

THORAX	FLUID	RED, TGL3

Observation Comment: cavity, ~4 mL, TGL3 = NST
[FLUID TGLS = TGL3]

ANIMAL ID: 168	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700853

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

LYMPH NODE, BRONCHIAL	THYMUS

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
		PHEOCHROMOCYTOMA	BENIGN
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MILD
	ATRIUM	THROMBUS	

Tissue Comment: TGL 7-18, TGL 6-18

[CARDIOMYOPATHY TGLS = TGL7-18, Gross Finding = HEART; LEFT, VENTRICLE; DILATION; TGL7]

[THROMBUS TGLS = TGL6-18, Gross Finding = HEART; RIGHT, ATRIUM; NODULE; TAN; TGL6]

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED

Tissue Comment: TGL 1-9, TGL 2-9

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]

LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
	CYTOPLASMIC, HEPATOCYTE	VACUOLATION	MINIMAL
LUNG		EDEMA	MARKED
		HEMORRHAGE	MODERATE
	EPITHELIUM, ALVEOLUS	HYPERPLASIA	MILD
	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MARKED
		INFLAMMATION	CHRONIC-ACTIVE, MARKED

Tissue Comment: TGL 4-7, TGL 4-8

[EDEMA TGLS = TGL4-7, Gross Finding = LUNG; DISCOLORATION; MOTTLED; TGL4]

[HEMORRHAGE TGLS = TGL4-7, Gross Finding = LUNG; DISCOLORATION; MOTTLED; TGL4]

ANIMAL ID: 168	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700853

[HYPERPLASIA TGLS = TGL4-7, Gross Finding = LUNG; DISCOLORATION; MOTTLED; TGL4]			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; DISCOLORATION; MOTTLED; TGL4]			
[INFLAMMATION TGLS = TGL4-7, Gross Finding = LUNG; DISCOLORATION; MOTTLED; TGL4]			
PANCREATIC ISLET		ADENOMA	
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MODERATE
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 5-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL5]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
CONTRIBUTORY CAUSE OF DEATH	- HEART; THROMBUS; ATRIUM		

ANIMAL ID: 169	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD593
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700854

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL1, 1

Observation Comment: multiple, up to 2x2 mm, TGL1 = all lobes affected

[FOCUS TGLS = TGL1, 1]

ANIMAL ID: 169	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD593
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700854

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
PANCREAS	ACINUS	HYPERPLASIA	MODERATE
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 170	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD526
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700855

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TGL2
	RIGHT	DEFORMITY	TGL3
Observation Comment: TGL2 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL3]			
NO CORRELATE		TO OBSERVATION / MASS	
NOSE	LEFT	MASS	TAN, TGL1
Observation Comment: Nares, 15x15x10 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			

ANIMAL ID: 170	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD526
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700855

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND
PITUITARY GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL3]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
		SQUAMOUS CELL CARCINOMA	METASTATIC
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
NOSE		SQUAMOUS CELL CARCINOMA	
[SQUAMOUS CELL CARCINOMA TGLS = TGL 1-18, Gross Finding = NOSE; LEFT; MASS; TAN; TGL1]			
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MILD
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MILD
PREPUTIAL GLAND		ADENOMA	
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

CONTRIBUTORY CAUSE OF DEATH	- NOSE; SQUAMOUS CELL CARCINOMA

ANIMAL ID: 171	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD660
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700856

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 171	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD660
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700856

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS	PARATHYROID GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MINIMAL
		HYPERPLASIA	PLASMA CELL, MILD
NOSE	NASOPHARYNGEAL DUCT	HYPERPLASIA	GOBLET CELL, MINIMAL
	RESPIRATORY EPITHELIUM	NECROSIS	MODERATE
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
PREPUTIAL GLAND	BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MARKED
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- HEART; CARDIOMYOPATHY

ANIMAL ID: 172	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD560
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700857

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS

ANIMAL ID: 172	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD560
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700857

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
MAMMARY GLAND	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PROSTATE	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	PREPUTIAL GLAND	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
BRAIN		GLIOMA	
Observation Comment: mixed glioma			
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
		INFLAMMATION	SUPPURATIVE, MODERATE
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
NOSE	RESPIRATORY EPITHELIUM	NECROSIS	MODERATE
SEMINAL VESICLE	BILATERAL	ATROPHY	MARKED
SPLEEN	WHITE PULP	ATROPHY	MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- BRAIN; GLIOMA

ANIMAL ID: 173	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700858

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

SKIN	LEFT, INGUINAL	CRUST	RED, TGL1
	RIGHT, ABDOMINAL	NODULE	TAN, TGL2
Observation Comment: 4x3 mm			
Observation Comment: 4x4x3 mm			
[CRUST TGLS = TGL1]			
[NODULE TGLS = TGL2]			
TRACHEA	VENTRAL	NODULE	WHITE, TGL3, 1
Observation Comment: 5x4x3 mm			
[NODULE TGLS = TGL3, 1]			

ANIMAL ID: 173	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700858

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		CLEAR CELL FOCUS	MULTIPLE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
SKIN		KERATOACANTHOMA	

Tissue Comment: TGL 1-18, TGL 2-19

[KERATOACANTHOMA TGLS = TGL1-18, TGL2-19, Gross Finding = SKIN; LEFT, INGUINAL; CRUST; RED; TGL1]

[KERATOACANTHOMA TGLS = TGL1-18, TGL2-19, Gross Finding = SKIN; RIGHT, ABDOMINAL; NODULE; TAN; TGL2]

TRACHEA		CYST	SQUAMOUS

Observation Comment: Peritracheal inclusion cyst

[CYST TGLS = TGL 3-18, Gross Finding = TRACHEA; VENTRAL; NODULE; WHITE; TGL3, 1]

ANIMAL ID: 174	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD692
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700859

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LUNG	RIGHT LOBE	FOCUS	WHITE, TGL2, 1
Observation Comment: up to 2x2, found at trim			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, INGUINAL	MASS	DARK, TGL1
Observation Comment: 25x20x20 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 174	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD692
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700859

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
[INFILTRATION CELLULAR TGLS = TGL 2-8, Gross Finding = LUNG; RIGHT LOBE; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; DARK; TGL1]			
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 175	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700860

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	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	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

HEART		ENLARGED	TGL7
Observation Comment: 1.5x			
[ENLARGED TGLS = TGL7]			
KIDNEY	LEFT	DEFORMITY	TGL2
	RIGHT	DEFORMITY	TGL1
Observation Comment: TGL2 = granular			
Observation Comment: TGL1 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
LIVER	LOBE, LEFT	FOCUS	PALE, THREE, TGL6, 2
Observation Comment: up to 2x2 mm			
[FOCUS TGLS = TGL6, 2]			
LUNG		DISCOLORATION	MOTTLED, TGL8
Observation Comment: TGL-8 affected all lobes			
[DISCOLORATION TGLS = TGL8]			
NO CORRELATE		TO OBSERVATION / MASS	
PROSTATE	VENTRAL	SMALL	DARK, TGL5
Observation Comment: lobe, 0.5x			
[SMALL TGLS = TGL5]			

ANIMAL ID: 175	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700860

SEMINAL VESICLE	RIGHT	SMALL	TGL4
Observation Comment: 0.5x			
[SMALL TGLS = TGL4]			
TESTIS	RIGHT	SMALL	TGL3
Observation Comment: 0.5x, testis was inguinal (not scrotal)			
Tissue Comment: Testis was inguinal (not scrotal)			
[SMALL TGLS = TGL3]			

ANIMAL ID: 175	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700860

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PITUITARY GLAND	PREPUTIAL GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

No Section Present

PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
	BILATERAL	PHEOCHROMOCYTOMA	MALIGNANT
EPIDIDYMIS		HYPOSPERMIA	MARKED
HEART		CARDIOMYOPATHY	MILD
	ATRIUM	THROMBUS	
[THROMBUS TGLS = TGL 7-11, Gross Finding = HEART; ENLARGED; TGL7]			
INTESTINE, LARGE, COLON		INFLAMMATION	SUPPURATIVE, MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL1]			
LARYNX		ULCER	MILD
LIVER		EOSINOPHILIC FOCUS	
		FIBROSIS	MINIMAL
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
Tissue Comment: TGL 6-13, TGL 6-13			
[EOSINOPHILIC FOCUS TGLS = TGL6-13, Gross Finding = LIVER; LOBE, LEFT; FOCUS; PALE, THREE; TGL6, 2]			
[FIBROSIS TGLS = TGL6-13, Gross Finding = LIVER; LOBE, LEFT; FOCUS; PALE, THREE; TGL6, 2]			
LUNG		EDEMA	MODERATE

ANIMAL ID: 175	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700860

	INTERSTITIUM	FIBROSIS	MILD
		HEMORRHAGE	MODERATE
	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 8-7, TGL 8-8			
[HEMORRHAGE TGLS = TGL8-7, Gross Finding = LUNG; DISCOLORATION; MOTTLED; TGL8]			
[INFILTRATION CELLULAR TGLS = TGL8-7, Gross Finding = LUNG; DISCOLORATION; MOTTLED; TGL8]			
[INFLAMMATION TGLS = TGL8-7, Gross Finding = LUNG; DISCOLORATION; MOTTLED; TGL8]			
PANCREAS	ACINUS	HYPERPLASIA	MILD
PROSTATE		ATROPHY	MODERATE
[ATROPHY TGLS = TGL 5-15, Gross Finding = PROSTATE; VENTRAL; SMALL; DARK; TGL5]			
SEMINAL VESICLE		ATROPHY	MODERATE
[ATROPHY TGLS = TGL 4-15, Gross Finding = SEMINAL VESICLE; RIGHT; SMALL; TGL4]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MARKED
[DEGENERATION TGLS = TGL 3-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL3]			
CONTRIBUTORY CAUSE OF DEATH	- HEART; THROMBUS; ATRIUM		

ANIMAL ID: 176	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700861

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
ESOPHAGUS	EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	DARK, TGL7
Observation Comment: 2x			
[ENLARGED TGLS = TGL7]			
EPIDIDYMIS	LEFT	SMALL	TGL3
	RIGHT	SMALL	TGL4
Observation Comment: 0.5x			
[SMALL TGLS = TGL3]			
[SMALL TGLS = TGL4]			
KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL1 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
TESTIS	LEFT	SMALL	TGL5
	RIGHT	SMALL	TGL6
Observation Comment: 0.5x			
[SMALL TGLS = TGL5]			

ANIMAL ID: 176	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700861

[SMALL TGLS = TGL6]

ANIMAL ID: 176	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700861

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	PANCREAS	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND		HEMORRHAGE	DIFFUSE, MODERATE
[HEMORRHAGE TGLS = TGL 7-12, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; DARK; TGL7]			
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
Tissue Comment: TGL 3-15, TGL 4-15			
[HYPOSPERMIA TGLS = TGL3-15, TGL4-15, Gross Finding = EPIDIDYMIS; LEFT; SMALL; TGL3]			
[HYPOSPERMIA TGLS = TGL3-15, TGL4-15, Gross Finding = EPIDIDYMIS; RIGHT; SMALL; TGL4]			
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MARKED
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 5-15, TGL 6-15			
[DEGENERATION TGLS = TGL5-15, TGL6-15, Gross Finding = TESTIS; LEFT; SMALL; TGL5]			
[DEGENERATION TGLS = TGL5-15, TGL6-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL6]			

ANIMAL ID: 176	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700861

THYROID GLAND	C-CELL	ADENOMA
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY	

ANIMAL ID: 177	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD636
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700862

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

MAMMARY GLAND	LEFT, INGUINAL	MASS	MOTTLED, TGL1
Observation Comment: 150x130x55 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 177	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD636
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700862

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
STOMACH, FORESTOMACH	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PANCREAS	ACINUS	HYPERPLASIA	MILD
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL

CONTRIBUTORY CAUSE OF DEATH - SKIN; FIBROSARCOMA

ANIMAL ID: 178	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700863

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL1
Observation Comment: TGL2 = granular			
Observation Comment: TGL1 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
PITUITARY GLAND		MASS	RED, TGL3
Observation Comment: 10x6x3 mm			
[MASS TGLS = TGL3]			

ANIMAL ID: 178	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700863

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PREPUTIAL GLAND	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	MALIGNANT
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MODERATE
	ENDOCARDIUM	FIBROSIS	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, BRONCHIAL	LYMPHATIC, SINUS	DILATION	MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; MASS; RED; TGL3]			
PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL
STOMACH, GLANDULAR		MINERAL	MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 179	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD488
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700864

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 179	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD488
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700864

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

BRAIN		HEMORRHAGE	MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
LUNG		CONGESTION	MARKED
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
NOSE	OLFACTORY EPITHELIUM	NECROSIS	MILD

PRIMARY CAUSE OF DEATH - UNDETERMINED

ANIMAL ID: 180	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700865

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

BRAIN	RIGHT, OLFACTORY BULB	NODULE	TAN, TGL4
Observation Comment: 4x3x2 mm			
[NODULE TGLS = TGL4]			
KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL1
Observation Comment: TGL2 = granular			
Observation Comment: TGL1 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
LYMPH NODE	BILATERAL, POPLITEAL	NODULE	GREEN, TWO, TGL5, 2
Observation Comment: 3x3x2 mm			
[NODULE TGLS = TGL5, 2]			
MESENTERY		MASS	MOTTLED, TGL3
[MASS TGLS = TGL3]			

ANIMAL ID: 180	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700865

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
		PHEOCHROMOCYTOMA	BENIGN
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BRAIN		GRANULAR CELL TUMOR	BENIGN
[GRANULAR CELL TUMOR TGLS = TGL 4-3, Gross Finding = BRAIN; RIGHT, OLFACTORY BULB; NODULE; TAN; TGL4]			
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL1]			
LIVER		CLEAR CELL FOCUS	
	PORTAL	FIBROSIS	MILD
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
LYMPH NODE, POPLITEAL		HYPERPLASIA	LYMPHOCYTE, MILD
[HYPERPLASIA TGLS = TGL 5-19, Gross Finding = LYMPH NODE; BILATERAL, POPLITEAL; NODULE; GREEN, TWO; TGL5, 2]			
MESENTERY		NECROSIS	
[NECROSIS TGLS = TGL 3-19, Gross Finding = MESENTERY; MASS; MOTTLED; TGL3]			

ANIMAL ID: 180	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700865

STOMACH, FORESTOMACH		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

ANIMAL ID: 181	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD651
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700866

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL3
Observation Comment: TGL2 : granular			
Observation Comment: TGL3 : granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL3]			
LUNG		FOCUS	DARK, TGL1
Observation Comment: up to 15x10 mm, TGL1: all lobes affected			
[FOCUS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 181	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD651
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700866

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	EPIDIDYMIS
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HEMORRHAGE	DIFFUSE, MODERATE
	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
BRAIN		GLIOMA	
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
HEART		CARDIOMYOPATHY	MILD
	ATRIUM	THROMBUS	
INTESTINE, SMALL, JEJUNUM	SEROSA, ARTERIOLE	INFLAMMATION	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]			
LIVER		FATTY CHANGE	FOCAL, MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 1-7, TGL 1-8			
[INFLAMMATION TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; DARK; TGL1]			
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MODERATE
MESENTERY	ARTERIOLE	INFLAMMATION	CHRONIC-ACTIVE, MILD
PANCREAS	ACINUS	HYPERPLASIA	MARKED
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
SPLEEN	WHITE PULP	ATROPHY	MILD
STOMACH, GLANDULAR		MINERAL	MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 181	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD651
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700866

CONTRIBUTORY CAUSE OF DEATH - BRAIN; GLIOMA

ANIMAL ID: 182	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD531
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700867

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	DIFFUSE, TGL1
	RIGHT	DEFORMITY	DIFFUSE, TGL2
Observation Comment: TGL1-granular			
Observation Comment: TGL2-granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 182	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD531
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700867

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, DUODENUM		INFLAMMATION	CHRONIC-ACTIVE, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 1-18			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-18, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; DIFFUSE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-18, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; DIFFUSE; TGL2]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 183	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD696
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700868

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	LOBE, LEFT	FOCUS	THREE, WHITE, TGL1, 1, 2
Observation Comment: 1x1 mm			
[FOCUS TGLS = TGL1, 1, 2]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 183	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD696
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700868

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS
PARATHYROID GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER		FATTY CHANGE	FOCAL, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 1-7, TGL 1-18			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; THREE, WHITE; TGL1, 1, 2]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
NOSE	OLFACTORY EPITHELIUM	NECROSIS	MILD
	RESPIRATORY EPITHELIUM	NECROSIS	MODERATE
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
PREPUTIAL GLAND	DUCT	DILATION	
THYROID GLAND	C-CELL, BILATERAL	ADENOMA	

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 184	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD482
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700869

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL1 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 184	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD482
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700869

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
AORTA		MINERAL	MARKED
HEART		CARDIOMYOPATHY	MILD
	ARTERIOLE	MINERAL	MILD
	MYOCARDIUM	MINERAL	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 2-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
PARATHYROID GLAND	BILATERAL	HYPERPLASIA	DIFFUSE, MILD
SPLEEN	WHITE PULP	ATROPHY	MODERATE
STOMACH, FORESTOMACH		MINERAL	MILD
STOMACH, GLANDULAR		MINERAL	MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 185	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD712
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700870

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TGL2
	RIGHT	DEFORMITY	TGL3
Observation Comment: TGL2 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL3]			
LUNG	LEFT	FOCUS	DARK, TGL5
	RIGHT LOBE	MASS	TAN, TGL4
Observation Comment: 5x3 mm			
Observation Comment: caudal, TGL4 = firm 15x12x8 mm			
[FOCUS TGLS = TGL5]			
[MASS TGLS = TGL4]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 60x50x35 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 185	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD712
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700870

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	SALIVARY GLAND	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MARKED
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
	PELVIS, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MODERATE

Tissue Comment: TGL 2-9, TGL 3-9

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL2]

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL3]

[INFLAMMATION TGLS = TGL3-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL2]

[INFLAMMATION TGLS = TGL3-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL3]

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		CRYSTALS	MILD
		FIBROSARCOMA	METASTATIC
	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
		THROMBUS	

Tissue Comment: TGL 4-8, TGL 5-7

[FIBROSARCOMA TGLS = TGL4-8, Gross Finding = LUNG; RIGHT LOBE; MASS; TAN; TGL4]

[INFLAMMATION TGLS = TGL5-7, Gross Finding = LUNG; LEFT; FOCUS; DARK; TGL5]

LYMPH NODE, MANDIBULAR	ATROPHY	MODERATE
LYMPH NODE, MEDIASTINAL	HEMORRHAGE	MILD

ANIMAL ID: 185	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD712
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700870

PROSTATE		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
SEMINAL VESICLE	BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
CONTRIBUTORY CAUSE OF DEATH	- SKIN; FIBROSARCOMA		

ANIMAL ID: 186	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD323
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700871

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

SKIN	LEFT, AXILLARY	MASS	MOTTLED, TGL1

Observation Comment: 55x50x35 mm, TGL1 is ulcerated

[MASS TGLS = TGL1]

ANIMAL ID: 186	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD323
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700871

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

HEART	CARDIOMYOPATHY	MINIMAL
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LYMPH NODE, BRONCHIAL	HEMORRHAGE	MINIMAL
SKIN	PLEOMORPHIC FIBROSARCOMA	

[PLEOMORPHIC FIBROSARCOMA TGLS = TGL 1-18, Gross Finding = SKIN; LEFT, AXILLARY; MASS; MOTTLED; TGL1]

CONTRIBUTORY CAUSE OF DEATH - SKIN; PLEOMORPHIC FIBROSARCOMA

ANIMAL ID: 187	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700872

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	RIGHT	CYST	CLEAR, TGL1
Observation Comment: 10x10x10 mm			
[CYST TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
NOSE			
Tissue Comment: Nasal cavity did not flush			

ANIMAL ID: 187	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700872

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

BRAIN		ASTROCYTOMA	
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
	RENAL TUBULE	CYST	
[CYST TGLS = TGL 1-9, Gross Finding = KIDNEY; RIGHT; CYST; CLEAR; TGL1]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- BRAIN; ASTROCYTOMA

ANIMAL ID: 188	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD393
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700873

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL3
Observation Comment: TGL2 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL3]			
NO CORRELATE		TO OBSERVATION / MASS	
SKIN	RIGHT	ABRASION	PALE, TGL1
Observation Comment: rear, 10x10 mm, TGL1 = ulcerated dorsal paw with thickening of subcutis			
[ABRASION TGLS = TGL1]			

ANIMAL ID: 188	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD393
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700873

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
SKIN		INFLAMMATION	CHRONIC-ACTIVE, MILD
[INFLAMMATION TGLS = TGL 1-18, Gross Finding = SKIN; RIGHT; ABRASION; PALE; TGL1]			
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 189	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700874

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
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, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

EYE	LEFT	DISCOLORATION	RED, TGL6
[DISCOLORATION TGLS = TGL6]			
KIDNEY	LEFT	DEFORMITY	PALE, TGL4
	RIGHT	DEFORMITY	PALE, TGL3
Observation Comment: TGL4 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL4]			
[DEFORMITY TGLS = TGL3]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple, up to 2x2 mm, TGL5 affects all lobes			
[FOCUS TGLS = TGL5, 1]			
LYMPH NODE, MEDIASTINAL		ENLARGED	DARK, TGL2
Observation Comment: 4x			
[ENLARGED TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
SKIN	DORSAL	CRUST	RED, TGL1
Observation Comment: 5x3 mm			
[CRUST TGLS = TGL1]			

ANIMAL ID: 189	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700874

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
		PHEOCHROMOCYTOMA	BENIGN
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
[INFLAMMATION TGLS = TGL 6-14, Gross Finding = EYE; LEFT; DISCOLORATION; RED; TGL6]			
HARDERIAN GLAND		HEMORRHAGE	MODERATE
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 3-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
[INFLAMMATION TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MARKED
[HEMORRHAGE TGLS = TGL 2-20, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; DARK; TGL2]			
SKIN		PAPILLOMA	

ANIMAL ID: 189	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700874

[PAPILLOMA TGLS = TGL 1-19, Gross Finding = SKIN; DORSAL; CRUST; RED; TGL1]

SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	ATYPICAL, MODERATE

ANIMAL ID: 190	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700875

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	CYST	CLEAR, TGL5
	LEFT	DEFORMITY	PALE, TGL4
	RIGHT	DEFORMITY	PALE, TGL3

Observation Comment: 2 mm dia
Observation Comment: TGL4 = granular
Observation Comment: TGL3 = granular
[CYST TGLS = TGL5]
[DEFORMITY TGLS = TGL4]
[DEFORMITY TGLS = TGL3]

LIVER	LOBE, MEDIAN	DEFORMITY	TAN, TGL2

Observation Comment: 4x4x3 mm, TGL2 = HDN
[DEFORMITY TGLS = TGL2]

LUNG	LOBE, LEFT	FOCUS	WHITE, TGL7, 1
	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL6, 2

Observation Comment: 6, up to 3x1 mm
Observation Comment: 3, up to 4x3 mm
[FOCUS TGLS = TGL7, 1]
[FOCUS TGLS = TGL6, 2]

ANIMAL ID: 190	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700875

THORAX	FLUID	CLEAR, TGL1
Observation Comment: cavity, ~4 mL		
[FLUID TGLS = TGL1]		

ANIMAL ID: 190	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700875

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MILD
EYE	CORNEA	INFLAMMATION	ACUTE, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
	RENAL TUBULE	CYST	

Tissue Comment: TGL 3-9, TGL 4-9, TGL 5-20

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL4]

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]

[CYST TGLS = TGL5-20, Gross Finding = KIDNEY; LEFT; CYST; CLEAR; TGL5]

LIVER		CLEAR CELL FOCUS	MULTIPLE
		HEPATODIAPHRAGMATIC NODULE	
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL

[HEPATODIAPHRAGMATIC NODULE TGLS = TGL 2-19, Gross Finding = LIVER; LOBE, MEDIAN; DEFORMITY; TAN; TGL2]

LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD

Tissue Comment: TGL 6-8, TGL 7-7

[INFILTRATION CELLULAR TGLS = TGL6-8, TGL7-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL7, 1]

[INFILTRATION CELLULAR TGLS = TGL6-8, TGL7-7, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL6, 2]

LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MILD
PANCREAS	ACINUS	ATROPHY	MODERATE
	ACINUS	THROMBUS	

ANIMAL ID: 190	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700875

PROSTATE	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
		THROMBUS	
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 191	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700876

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	RIGHT	CYST	CLEAR, TGL1
	LEFT	DEFORMITY	TGL3
	RIGHT	DEFORMITY	TGL2

Observation Comment: 12 mm dia
Observation Comment: TGL3 = granular
Observation Comment: TGL2 = granular
[CYST TGLS = TGL1]
[DEFORMITY TGLS = TGL3]
[DEFORMITY TGLS = TGL2]

ANIMAL ID: 191	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700876

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LYMPH NODE, BRONCHIAL	MAMMARY GLAND	NOSE
PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MILD
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MINIMAL
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
	RENAL TUBULE	CYST	

Tissue Comment: TGL 3-9, TGL 2-19, TGL 1-19

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-19, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL3]

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL2-19, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL2]

[CYST TGLS = TGL1-19, Gross Finding = KIDNEY; RIGHT; CYST; CLEAR; TGL1]

LIVER		CLEAR CELL FOCUS	MULTIPLE
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MODERATE
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
STOMACH, FORESTOMACH		MINERAL	MILD
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

ANIMAL ID: 192	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700877

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT
KIDNEY - RIGHT	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

EYE		DISCOLORATION	RED, TGL6
Observation Comment: unilateral, found at trim			
[DISCOLORATION TGLS = TGL6]			
INTESTINE, SMALL, DUODENUM		DIVERTICULUM	RED, TGL5
Observation Comment: 65x30x10 mm			
[DIVERTICULUM TGLS = TGL5]			
LIVER		ADHESION	TGL1
		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, TGL1 affects all liver lobes which are firmly adhered to TGL5			
Observation Comment: multiple, up to 3x3 mm, TGL2 affects all lobes			
[ADHESION TGLS = TGL1]			
[FOCUS TGLS = TGL2, 1]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 6x2 mm, TGL3 affects all lobes			
[FOCUS TGLS = TGL3, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
NOSE			
Tissue Comment: Nasal cavity did not flush			
SKIN	LEFT, AXILLARY	MASS	RED, TGL4

ANIMAL ID: 192	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700877

Observation Comment: 22x15x5 mm, TGL4 = ulcerated
[MASS TGLS = TGL4]

ANIMAL ID: 192	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700877

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	MAMMARY GLAND	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MARKED
EYE	LENS	CATARACT	MILD
		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 6-14, Gross Finding = EYE; DISCOLORATION; RED; TGL6]			
HEART		CARDIOMYOPATHY	MILD
	ATRIUM	INFLAMMATION	ACUTE, MINIMAL
INTESTINE, SMALL, DUODENUM		INFLAMMATION	CHRONIC-ACTIVE, MARKED
[INFLAMMATION TGLS = TGL 5-19, Gross Finding = INTESTINE, SMALL, DUODENUM; DIVERTICULUM; RED; TGL5]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LARYNX		INFLAMMATION	CHRONIC-ACTIVE, MILD
LIVER	BILE DUCT	HYPERPLASIA	MODERATE
	PERIPORTAL	INFLAMMATION	ACUTE, MODERATE
		THROMBUS	
Tissue Comment: TGL 1-13, TGL 2-13			
[INFLAMMATION TGLS = TGL1-13, TGL2-13, Gross Finding = LIVER; ADHESION; TGL1]			
[INFLAMMATION TGLS = TGL1-13, TGL2-13, Gross Finding = LIVER; FOCUS; WHITE; TGL2, 1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
[INFLAMMATION TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	PLASMA CELL, MILD

ANIMAL ID: 192	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700877

LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
NOSE	OLFACTORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MILD
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 4-18, Gross Finding = SKIN; LEFT, AXILLARY; MASS; RED; TGL4]			
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
CONTRIBUTORY CAUSE OF DEATH	- SKIN; FIBROSARCOMA		

ANIMAL ID: 193	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD602
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700878

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS - LEFT
TESTIS - RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	PALE, TGL3
	RIGHT	MASS	TAN, TGL5
		NODULE	TGL1
Observation Comment: 7x7x5 mm, TGL3 collected for Mol Bio			
Observation Comment: posterior, 8x7x5 mm, found at trim			
Observation Comment: multiple, up to 5x3 mm, TGL1 affects all liver lobes			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL5]			
[NODULE TGLS = TGL1]			
LUNG		FOCUS	MOTTLED, TGL4
Observation Comment: multiple, up to 10x10 mm, TGL4 affects all lung lobes			
[FOCUS TGLS = TGL4]			
LYMPH NODE	LUMBAR	ENLARGED	PALE, TWO, TGL2, 2
Observation Comment: 10x			
[ENLARGED TGLS = TGL2, 2]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 193	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD602
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700878

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
MAMMARY GLAND	NOSE	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BONE MARROW		HISTIOCYTIC SARCOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
	RENAL TUBULE	HYALINE DROPLET ACCUMULATION	MARKED
LIVER		HISTIOCYTIC SARCOMA	
Tissue Comment: TGL 1-13, TGL 1-20, TGL 3-18, TGL 5-19			
[HISTIOCYTIC SARCOMA TGLS = TGL1-13, TGL3-18, TGL5-19, Gross Finding = LIVER; LOBE, LEFT; MASS; PALE; TGL3]			
[HISTIOCYTIC SARCOMA TGLS = TGL1-13, TGL3-18, TGL5-19, Gross Finding = LIVER; NODULE; TGL1]			
[HISTIOCYTIC SARCOMA TGLS = TGL1-13, TGL3-18, TGL5-19, Gross Finding = LIVER; RIGHT; MASS; TAN; TGL5]			
LUNG		HISTIOCYTIC SARCOMA	
Tissue Comment: TGL 4-7, TGL 4-8, TGL 4-21			
[HISTIOCYTIC SARCOMA TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; MOTTLED; TGL4]			
LYMPH NODE	LUMBAR	HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 2-22, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; PALE, TWO; TGL2, 2]			
LYMPH NODE, BRONCHIAL		HISTIOCYTIC SARCOMA	
LYMPH NODE, MEDIASTINAL		HISTIOCYTIC SARCOMA	
LYMPH NODE, MESENTERIC		HEMORRHAGE	MINIMAL
PANCREAS	ACINUS	HYPERPLASIA	MILD
SPLEEN		HISTIOCYTIC SARCOMA	
STOMACH, FORESTOMACH		ULCER	MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
THYMUS		HISTIOCYTIC SARCOMA	

ANIMAL ID: 193	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD602
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700878

CONTRIBUTORY CAUSE OF DEATH - LIVER; HISTIOCYTIC SARCOMA

ANIMAL ID: 194	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD694
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700879

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL1, 1

Observation Comment: multiple, up to 2x2 mm, TGL1 = all lobes affected

[FOCUS TGLS = TGL1, 1]

ANIMAL ID: 194	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD694
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700879

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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	MAMMARY GLAND	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD

Tissue Comment: TGL 1-7, TGL 1-8

[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]

[INFLAMMATION TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]

LYMPH NODE, BRONCHIAL		PIGMENT	MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
NOSE		FOREIGN BODY	

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

ANIMAL ID: 195	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700880

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	CYST	CLEAR, TGL2
	LEFT	DEFORMITY	PALE, TGL3
	RIGHT	DEFORMITY	PALE, TGL4
Observation Comment: 12x12x10 mm			
Observation Comment: TGL3 = granular			
Observation Comment: TGL4 = granular			
[CYST TGLS = TGL2]			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple, up to 2x1 mm, TGL5 affects all lung lobes			
[FOCUS TGLS = TGL5, 1]			
SKIN	RIGHT, HINDLIMB	THICK	RED, TGL1
Observation Comment: lateral toe, 4 mm dia			
[THICK TGLS = TGL1]			

ANIMAL ID: 195	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700880

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
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	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
		PHEOCHROMOCYTOMA	MALIGNANT
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
	RENAL TUBULE	CYST	
Tissue Comment: TGL 2-18, TGL 3-18, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-18, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-18, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL4]			
[CYST TGLS = TGL2-18, Gross Finding = KIDNEY; LEFT; CYST; CLEAR; TGL2]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
SKIN		PAPILLOMA	
[PAPILLOMA TGLS = TGL 1-19, Gross Finding = SKIN; RIGHT, HINDLIMB; THICK; RED; TGL1]			
TESTIS	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 196	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700881

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	ESOPHAGUS	EYE	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	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD	SPLEEN
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

EPIDIDYMIS	LEFT	SMALL	DARK, TGL7
	RIGHT	SMALL	DARK, TGL6
Observation Comment: 0.5x			
Observation Comment: 0.25x			
[SMALL TGLS = TGL7]			
[SMALL TGLS = TGL6]			
KIDNEY	LEFT	DEFORMITY	PALE, TGL9
	RIGHT	DEFORMITY	PALE, TGL8
Observation Comment: TGL 9 = granular			
Observation Comment: TGL8 = granular			
[DEFORMITY TGLS = TGL9]			
[DEFORMITY TGLS = TGL8]			
LIVER		DEFORMITY	MOTTLED, TGL10
	LOBE, LEFT	FOCUS	DARK, TGL12
Observation Comment: TGL 10 = granular and affects all liver lobes			
Observation Comment: 5x7 mm, found at trim			
[DEFORMITY TGLS = TGL10]			
[FOCUS TGLS = TGL12]			
LUNG		FOCUS	WHITE, TGL11, 1
Observation Comment: multiple, up to 3x1 mm, TGL11 affects all lobes			

ANIMAL ID: 196	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700881

[FOCUS TGLS = TGL11, 1]			
SKIN	LEFT	CRUST	DARK, TGL2
	ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: ear, 5x5 mm			
Observation Comment: 35x34x12 mm, TGL1 is ulcerated			
[CRUST TGLS = TGL2]			
[MASS TGLS = TGL1]			
STOMACH, FORESTOMACH		NODULE	WHITE, TGL13, 1
Observation Comment: multiple, up to 5x5x1 mm, found at trim			
[NODULE TGLS = TGL13, 1]			
TESTIS	LEFT	SMALL	DARK, TGL5
	RIGHT	SMALL	DARK, TGL4
Observation Comment: 0.5x			
Observation Comment: 0.25x			
[SMALL TGLS = TGL5]			
[SMALL TGLS = TGL4]			
THORAX		FLUID	CLEAR, TGL3
Observation Comment: cavity, ~5 mL			
[FLUID TGLS = TGL3]			

ANIMAL ID: 196	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700881

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SPLEEN	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MARKED
Tissue Comment: TGL 6-15, TGL 7-15			
[HYPOSPERMIA TGLS = TGL7-15, TGL6-15, Gross Finding = EPIDIDYMIS; LEFT; SMALL; DARK; TGL7]			
[HYPOSPERMIA TGLS = TGL7-15, TGL6-15, Gross Finding = EPIDIDYMIS; RIGHT; SMALL; DARK; TGL6]			
HEART	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 8-9, TGL 9-21			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL9-21, TGL8-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL9]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL9-21, TGL8-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL8]			
LIVER		ANGIECTASIS	MARKED
		CHOLANGIOMA	
		CLEAR CELL FOCUS	MULTIPLE
	HEPATOCYTE	DEGENERATION	MINIMAL
		FATTY CHANGE	FOCAL, MILD
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
		INFLAMMATION	ACUTE, MILD
Tissue Comment: TGL 10-13, TGL 10-19, TGL 12-13			
[ANGIECTASIS TGLS = TGL12-13, Gross Finding = LIVER; LOBE, LEFT; FOCUS; DARK; TGL12]			
[INFLAMMATION TGLS = TGL10-13, Gross Finding = LIVER; DEFORMITY; MOTTLED; TGL10]			

ANIMAL ID: 196	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700881

LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 11-7, TGL 11-8			
[INFILTRATION CELLULAR TGLS = TGL11-7, Gross Finding = LUNG; FOCUS; WHITE; TGL11, 1]			
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	ANGIECTASIS	MODERATE
SKIN		FIBROSARCOMA	
		NEURAL CREST TUMOR	BENIGN
Tissue Comment: TGL 1-18, TGL 2-20			
[FIBROSARCOMA TGLS = TGL1-18, Gross Finding = SKIN; ABDOMINAL; MASS; MOTTLED; TGL1]			
[NEURAL CREST TUMOR TGLS = TGL2-20, Gross Finding = SKIN; LEFT; CRUST; DARK; TGL2]			
STOMACH, FORESTOMACH		ULCER	MARKED
[ULCER TGLS = TGL 13-10, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL13, 1]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
		LEYDIG CELL ADENOMA	
Tissue Comment: TGL 4-15, TGL 5-15			
[DEGENERATION TGLS = TGL5-15, TGL4-15, Gross Finding = TESTIS; LEFT; SMALL; DARK; TGL5]			
[DEGENERATION TGLS = TGL5-15, TGL4-15, Gross Finding = TESTIS; RIGHT; SMALL; DARK; TGL4]			
THYROID GLAND	FOLLICULAR CELL	ADENOMA	

ANIMAL ID: 197	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700882

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	ESOPHAGUS	EYE	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, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

EPIDIDYMIS	LEFT	SMALL	TGL6
	RIGHT	SMALL	TGL5
Observation Comment: 0.5x			
[SMALL TGLS = TGL6]			
[SMALL TGLS = TGL5]			
KIDNEY	LEFT	DEFORMITY	PALE, TGL8
	RIGHT	DEFORMITY	PALE, TGL7
Observation Comment: TGL8 = granular			
Observation Comment: TGL7 = granular			
[DEFORMITY TGLS = TGL8]			
[DEFORMITY TGLS = TGL7]			
LUNG		FOCUS	WHITE, TGL9, 1
Observation Comment: multiple, up to 3x2 mm, TGL9 affects all lung lobes			
[FOCUS TGLS = TGL9, 1]			
PITUITARY GLAND		ENLARGED	RED, TGL10
Observation Comment: 10x9x4 mm			
[ENLARGED TGLS = TGL10]			
SKIN	LEFT, AXILLARY	MASS	TAN, TGL2
	RIGHT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 40x40x35 mm			

ANIMAL ID: 197	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700882

Observation Comment: 55x45x27 mm, TGL1 is necrotic and ulcerated
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]

TESTIS	LEFT	SMALL	TGL4
	RIGHT	SMALL	TGL3

Observation Comment: 0.5x
[SMALL TGLS = TGL4]
[SMALL TGLS = TGL3]

ANIMAL ID: 197	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700882

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	PARATHYROID GLAND	PROSTATE
SALIVARY GLAND	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MARKED
Tissue Comment: TGL 5-15, TGL 6-15			
[HYPOSPERMIA TGLS = TGL5-15, TGL6-15, Gross Finding = EPIDIDYMIS; LEFT; SMALL; TGL6]			
[HYPOSPERMIA TGLS = TGL5-15, TGL6-15, Gross Finding = EPIDIDYMIS; RIGHT; SMALL; TGL5]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
Tissue Comment: TGL 7-9, TGL 8-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL7-9, TGL8-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL8]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL7-9, TGL8-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL7]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 9-7, TGL 9-8			
[INFILTRATION CELLULAR TGLS = TGL9-7, Gross Finding = LUNG; FOCUS; WHITE; TGL9, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND	DUCT	DILATION	MODERATE
		FIBROADENOMA	
Tissue Comment: TGL 2-18			
[FIBROADENOMA TGLS = TGL 2-18, Gross Finding = SKIN; LEFT, AXILLARY; MASS; TAN; TGL2]			
NOSE		FOREIGN BODY	
PANCREAS	ACINUS	SECRETORY DEPLETION	DIFFUSE, MODERATE
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 10-20, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL10]			
PREPUTIAL GLAND	DUCT	DILATION	

ANIMAL ID: 197	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700882

SEMINAL VESICLE	BILATERAL	ATROPHY	MARKED
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-19, Gross Finding = SKIN; RIGHT, ABDOMINAL; MASS; MOTTLED; TGL1]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
Tissue Comment: TGL 3-15, TGL 4-15			
[DEGENERATION TGLS = TGL3-15, TGL4-15, Gross Finding = TESTIS; LEFT; SMALL; TGL4]			
[DEGENERATION TGLS = TGL3-15, TGL4-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL3]			
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 198	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD648
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700883

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	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, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL4
Observation Comment: TGL1: granular			
Observation Comment: TGL4: granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	DARK, TGL3
Observation Comment: 6x5x4 mm			
[ENLARGED TGLS = TGL3]			
TESTIS	LEFT	SMALL	TGL2
	RIGHT	SMALL	TGL5
Observation Comment: 0.5x			
[SMALL TGLS = TGL2]			
[SMALL TGLS = TGL5]			

ANIMAL ID: 198	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD648
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700883

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	ESOPHAGUS
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	MAMMARY GLAND	NOSE	PANCREAS
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SKIN
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
AORTA		MINERAL	MILD
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MODERATE
EYE	CORNEA, BILATERAL	INFLAMMATION	ACUTE, MARKED
HEART		CARDIOMYOPATHY	MILD
	ARTERIOLE	MINERAL	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 1-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL1-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL1-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL4]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
		MINERAL	MILD
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MODERATE
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
PARATHYROID GLAND		HYPERPLASIA	DIFFUSE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL3]			
SEMINAL VESICLE	BILATERAL	ATROPHY	MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE

ANIMAL ID: 198	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD648
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700883

STOMACH, FORESTOMACH		MINERAL	MILD
STOMACH, GLANDULAR		MINERAL	MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
	ARTERIOLE, BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 2-15, TGL 5-15			
[DEGENERATION TGLS = TGL5-15, TGL2-15, Gross Finding = TESTIS; LEFT; SMALL; TGL2]			
[DEGENERATION TGLS = TGL5-15, TGL2-15, Gross Finding = TESTIS; RIGHT; SMALL; TGL5]			
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY		

ANIMAL ID: 199	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD241
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700884

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
ZYMBALS GLAND			

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
NOSE	RESPIRATORY EPITHELIUM	DEGENERATION	MINIMAL
	OLFACTORY EPITHELIUM	NECROSIS	MODERATE

PRIMARY CAUSE OF DEATH - UNDETERMINED

ANIMAL ID: 200	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD596
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700885

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
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	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS - LEFT	TESTIS - RIGHT	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	RIGHT	ENLARGED	DARK, TGL2
Observation Comment: x2			
[ENLARGED TGLS = TGL2]			
KIDNEY	LEFT	DEFORMITY	DARK, TGL3
	RIGHT	DEFORMITY	DARK, TGL5
Observation Comment: TGL3 = granular			
Observation Comment: TGL5 = granular			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL5]			
LIVER		NODULE	DARK, TGL1
Observation Comment: 4x3x1 mm			
[NODULE TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	TAN, TGL4
Observation Comment: 4x2x1 mm			
[ENLARGED TGLS = TGL4]			

ANIMAL ID: 200	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD596
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700885

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	ESOPHAGUS
EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER			

No Section Present

PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HEMORRHAGE	CYSTIC, FOCAL, MODERATE
[HEMORRHAGE TGLS = TGL 2-12, Gross Finding = ADRENAL GLAND; RIGHT; ENLARGED; DARK; TGL2]			
BRAIN	MENINGES	INFLAMMATION	CHRONIC-ACTIVE, MILD
EPIDIDYMIS	BILATERAL	HYPOSPERMIA	MARKED
HEART		CARDIOMYOPATHY	MILD
	MYOCARDIUM	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
	VALVE	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
Tissue Comment: TGL 3-9, TGL 5-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; DARK; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; DARK; TGL5]			
LIVER		FATTY CHANGE	MINIMAL
		NECROSIS	MODERATE
[NECROSIS TGLS = TGL 1-18, Gross Finding = LIVER; NODULE; DARK; TGL1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 4-12, Gross Finding = PITUITARY GLAND; ENLARGED; TAN; TGL4]			
SEMINAL VESICLE	BILATERAL	ATROPHY	MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
THYROID GLAND		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

ANIMAL ID: 200	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD596
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700885

CONTRIBUTORY CAUSE OF DEATH - HEART; INFLAMMATION; MYOCARDIUM; CHRONIC-ACTIVE

ANIMAL ID: 401	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700886

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 402	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700887

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 403	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700888

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 404	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700889

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 405	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700890

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 406	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700891

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

TESTIS	URINARY BLADDER

OBSERVATIONS

EPIDIDYMIS	SPERM GRANULOMA	MINIMAL
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 407	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700892

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 408	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700893

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

TESTIS

OBSERVATIONS

EPIDIDYMIS		EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
URINARY BLADDER	SEROSA	INFILTRATION CELLULAR	MIXED, MINIMAL

ANIMAL ID: 409	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700894

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	RENAL TUBULE	ACCUMULATION	HYALINE DROPLET, MINIMAL
		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 410	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700895

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 411	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700896

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

ANIMAL ID: 412	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700897

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 413	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700898

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 414	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700899

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 415	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700900

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 416	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700901

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 417	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700902

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 418	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700903

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 419	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700904

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 420	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700905

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 421	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700906

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 422	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700907

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 423	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700908

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 424	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700909

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 425	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700910

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 426	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700911

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 427	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700912

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 428	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700913

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 429	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700914

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 430	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700915

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 431	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700916

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 432	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700917

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 434	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700919

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	RENAL TUBULE	ACCUMULATION	HYALINE DROPLET, MINIMAL
		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 435	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700920

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 436	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700921

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 437	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700922

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 438	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700923

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 439	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700924

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 440	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700925

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 441	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700926

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 442	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700927

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 443	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700928

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

ANIMAL ID: 444	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700929

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

ANIMAL ID: 445	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700930

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits			
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits	
EPIDIDYMIS	TESTIS

ANIMAL ID: 446	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700931

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits			
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits	
EPIDIDYMIS	TESTIS

ANIMAL ID: 447	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700932

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits			
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits	
EPIDIDYMIS	TESTIS

ANIMAL ID: 448	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700933

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

ANIMAL ID: 449	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700934

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 450	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700935

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 433R	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700918

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	RENAL TUBULE	ACCUMULATION	HYALINE DROPLET, MINIMAL
		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 451	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700936

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
URINARY BLADDER	INFILTRATION CELLULAR	MIXED, MINIMAL

ANIMAL ID: 452	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700937

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 453	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700938

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 454	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700939

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 455	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700940

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 456	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700941

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD

ANIMAL ID: 457	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700942

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 458	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700943

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 459	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700944

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 460	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700945

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	KIDNEY	TESTIS	URINARY BLADDER

ANIMAL ID: 461	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700946

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 462	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700947

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 463	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700948

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 464	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700949

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 465	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700950

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 466	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700951

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 467	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700952

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 468	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700953

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 469	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700954

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 470	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700955

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 471	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700956

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 472	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700957

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 473	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700958

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 474	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700959

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 475	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700960

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 476	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700961

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
URINARY BLADDER	SEROSA	INFILTRATION CELLULAR	MIXED, MINIMAL

ANIMAL ID: 477	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700962

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 478	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700963

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 479	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700964

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 480	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700965

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
URINARY BLADDER	INFILTRATION CELLULAR	MIXED, MINIMAL

ANIMAL ID: 481	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700966

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 482	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700967

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 483	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700968

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 484	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700969

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

KIDNEY - LEFT | KIDNEY - RIGHT | URINARY BLADDER

OBSERVATIONS

EPIDIDYMIS	LEFT	SMALL	TGL1
	RIGHT	SMALL	TGL2
Observation Comment: 0.5x			
[SMALL TGLS = TGL1]			
[SMALL TGLS = TGL2]			
TESTIS	LEFT	SMALL	TGL3
	RIGHT	SMALL	TGL4
Observation Comment: 0.5x			
[SMALL TGLS = TGL3]			
[SMALL TGLS = TGL4]			

HISTOPATH TISSUE STATUS

Within Normal Limits

URINARY BLADDER

OBSERVATIONS

EPIDIDYMIS		ASPERMIA	MARKED
		NO CORRESPONDING LESION	
Tissue Comment: TGL 2-1, TGL 1-1			
[ASPERMIA TGLS = TGL2-1, Gross Finding = EPIDIDYMIS; RIGHT; SMALL; TGL2]			
[NO CORRESPONDING LESION TGLS = TGL1-1, Gross Finding = EPIDIDYMIS; LEFT; SMALL; TGL1]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MARKED
		NO CORRESPONDING LESION	
Tissue Comment: TGL 4-1, TGL 3-1			
[ATROPHY TGLS = TGL4-1, Gross Finding = TESTIS; RIGHT; SMALL; TGL4]			
[NO CORRESPONDING LESION TGLS = TGL3-1, Gross Finding = TESTIS; LEFT; SMALL; TGL3]			

ANIMAL ID: 485	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD106
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700970

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	KIDNEY - LEFT	KIDNEY - RIGHT
TESTIS - LEFT	TESTIS - RIGHT	URINARY BLADDER	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 486	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700971

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 487	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700972

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 488	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700973

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 489	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700974

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 490	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700975

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 491	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700976

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT | TESTIS - LEFT | TESTIS - RIGHT

OBSERVATIONS

EPIDIDYMIS	RIGHT	ENLARGED	TAN, TGL1
[ENLARGED TGLS = TGL1]			

HISTOPATH TISSUE STATUS

No Section Present

KIDNEY

OBSERVATIONS

EPIDIDYMIS		HYPOSPERMIA	MILD
		SPERM GRANULOMA	MARKED
[SPERM GRANULOMA TGLS = TGL 1-1, Gross Finding = EPIDIDYMIS; RIGHT; ENLARGED; TAN; TGL1]			
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MILD

ANIMAL ID: 492	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD107
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700977

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 493	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700978

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 494	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700979

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 495	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700980

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 496	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700981

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 497	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700982

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 498	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700983

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 499	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700984

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 500	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD108
	SELECTION: Fertility Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700985

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

No Section Present

KIDNEY

ANIMAL ID: 201	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701006

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL3
	RIGHT	DEFORMITY	PALE, TGL2
Observation Comment: TGL3 = granular			
Observation Comment: TGL2 = granular			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL2]			
LIVER	CAUDATE LOBE	CYST	CLEAR, TGL4
Observation Comment: 4x4x2 mm			
[CYST TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple, up to 10x5 mm, TGL5 all lobes affected			
[FOCUS TGLS = TGL5, 1]			
LYMPH NODE	RIGHT	ENLARGED	TAN, TGL7
Observation Comment: axilla, 2x			
[ENLARGED TGLS = TGL7]			
MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 110x60x60 mm, TGL1 is ulcerated			
[MASS TGLS = TGL1]			
OVARY	RIGHT	CYST	CLEAR, TGL6

ANIMAL ID: 201	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701006

Observation Comment: 6x3x2 mm
[CYST TGLS = TGL6]

ANIMAL ID: 201	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701006

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	ESOPHAGUS
EYE	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	NOSE
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX	ADENOMA	
	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MILD
CLITORAL GLAND	BILATERAL	INFLAMMATION	CHRONIC-ACTIVE, MILD
HARDERIAN GLAND		HYPERPLASIA	MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
Tissue Comment: TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]			
LIVER		CHOLANGIOMA	
		INFILTRATION CELLULAR	MIXED, MINIMAL
[CHOLANGIOMA TGLS = TGL 4-20, Gross Finding = LIVER; CAUDATE LOBE; CYST; CLEAR; TGL4]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE	AXILLARY	HYPERPLASIA	PLASMA CELL, MILD
[HYPERPLASIA TGLS = TGL 7-20, Gross Finding = LYMPH NODE; RIGHT; ENLARGED; TAN; TGL7]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; MOTTLED; TGL1]			

ANIMAL ID: 201	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701006

OVARY		CYST	FOLLICULAR
[CYST TGLS = TGL 6-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL6]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
THYROID GLAND	C-CELL	ADENOMA	
	C-CELL	HYPERPLASIA	FOCAL, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 202	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701007

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 3x2 mm, TGL2 affects left and right caudal lobe			
[FOCUS TGLS = TGL2, 1]			
OVARY	LEFT	CYST	CLEAR, TGL1
Observation Comment: 6 mm dia			
[CYST TGLS = TGL1]			

ANIMAL ID: 202	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701007

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

Insufficient Tissue

MAMMARY GLAND

No Section Present

THYMUS

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		EOSINOPHILIC FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
OVARY		CYST	FOLLICULAR
[CYST TGLS = TGL 1-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
THYROID GLAND	C-CELL	ADENOMA	
	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE

ANIMAL ID: 203	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD690
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701008

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 7x5 mm, TGL3 affects all lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	DARK, TGL1
	RIGHT, AXILLARY	MASS	TAN, TGL2
Observation Comment: 47x31x17 mm, TGL1 = ulcerated, TGL1 taken for molecular biology			
Observation Comment: 32x18x11 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
PITUITARY GLAND		ENLARGED	DARK, TGL4
Observation Comment: 7x5x4 mm			
[ENLARGED TGLS = TGL4]			

ANIMAL ID: 203	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD690
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701008

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
NOSE	OVARY	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, BRONCHIAL	THYMUS

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		ADENOCARCINOMA	METASTATIC
		EDEMA	MARKED
	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Observation Comment: mammary gland = primary			
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	
	DUCT	DILATION	MILD
Tissue Comment: TGL 1-19, TGL 2-21			
[ADENOCARCINOMA TGLS = TGL1-19, TGL2-21, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; DARK; TGL1]			
[ADENOCARCINOMA TGLS = TGL1-19, TGL2-21, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL2]			
PANCREAS	ACINUS	ADENOMA	
PANCREATIC ISLET		HYPERPLASIA	MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 4-20, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL4]			

ANIMAL ID: 203	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD690
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701008
SPLEEN			EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
			HYPERPLASIA	LYMPHOCYTE, MODERATE
UTERUS	ENDOMETRIUM		HYPERPLASIA	CYSTIC, MINIMAL
			INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM		METAPLASIA	SQUAMOUS, MILD
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA			

ANIMAL ID: 204	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701009

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TGL3
	RIGHT	DEFORMITY	TGL4
Observation Comment: TGL3 is granular, found at trim			
Observation Comment: TGL4 is granular, found at trim			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 3x2 mm, TGL2 affects all lobes			
[FOCUS TGLS = TGL2, 1]			
PITUITARY GLAND		ENLARGED	TAN, TGL1
Observation Comment: 4x4x3 mm			
[ENLARGED TGLS = TGL1]			
STOMACH, FORESTOMACH		NODULE	WHITE, TGL5, 1
Observation Comment: 4x4x4 mm, found at trim			
[NODULE TGLS = TGL5, 1]			

ANIMAL ID: 204	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701009

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
Tissue Comment: TGL 3-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL4]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
MAMMARY GLAND		INFLAMMATION	CHRONIC-ACTIVE, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MARKED
[HYPERPLASIA TGLS = TGL 1-12, Gross Finding = PITUITARY GLAND; ENLARGED; TAN; TGL1]			
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
[HYPERPLASIA TGLS = TGL 5-20, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL5, 1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
		INFLAMMATION	SUPPURATIVE, MINIMAL

ANIMAL ID: 205	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701010

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 7x3 mm, TGL2 affects all lobes			
[FOCUS TGLS = TGL2, 1]			
PITUITARY GLAND		ENLARGED	RED, TGL3
Observation Comment: 7x5x3 mm			
[ENLARGED TGLS = TGL3]			
UTERUS	LEFT	MASS	RED, TGL1
Observation Comment: horn, 15x6x5 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 205	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701010

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
OVARY	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PANCREATIC ISLET		ADENOMA	
PITUITARY GLAND	PARS DISTALIS	CARCINOMA	
[CARCINOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL3]			
UTERUS		DILATION	MODERATE
		INFLAMMATION	SUPPURATIVE, MILD
[DILATION TGLS = TGL 1-18, Gross Finding = UTERUS; LEFT; MASS; RED; TGL1]			

ANIMAL ID: 206	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD676
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701011

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	CYST	TAN, TGL3
Observation Comment: 9x6x4 mm			
[CYST TGLS = TGL3]			
LUNG	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL4, 2
Observation Comment: multiple, up to 8x5 mm, TGL4 = affects all lobes			
[FOCUS TGLS = TGL4, 2]			
MAMMARY GLAND	THORACIC	MASS	TAN, TGL2
Observation Comment: center, 75x44x18 mm, TGL2 = ulcerated			
[MASS TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	DARK, TGL5
Observation Comment: 6x4x3 mm			
[ENLARGED TGLS = TGL5]			
SKIN	RIGHT, HINDLIMB	MASS	TAN, TGL1
Observation Comment: 28x20x12 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 206	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD676
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701011

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	OVARY	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
KIDNEY		AMPHOPHILIC-VACUOLAR CARCINOMA	
		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	RENAL TUBULE	HYPERTROPHY	MILD
[AMPHOPHILIC-VACUOLAR CARCINOMA TGLS = TGL 3-19, Gross Finding = KIDNEY; LEFT; CYST; TAN; TGL3]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL4, 2]			
LYMPH NODE, BRONCHIAL		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		ADENOCARCINOMA	
		FIBROADENOMA	
Tissue Comment: TGL 1-21, TGL 2-20			
[ADENOCARCINOMA TGLS = TGL2-20, Gross Finding = MAMMARY GLAND; THORACIC; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL1-21, Gross Finding = SKIN; RIGHT, HINDLIMB; MASS; TAN; TGL1]			
NOSE	GLAND	DILATION	MINIMAL
PANCREAS	ACINUS	HYPERPLASIA	MARKED
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 5-22, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL5]			

ANIMAL ID: 206	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD676
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701011

THYROID GLAND	C-CELL	ADENOMA	
	C-CELL	HYPERPLASIA	FOCAL, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
		POLYP	STROMAL

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 207	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD648
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701012

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

MAMMARY GLAND	RIGHT, INGUINAL	MASS	MOTTLED, TGL1
Observation Comment: 68x50x25 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	CLEAR, TGL2
Observation Comment: 6x5x4 mm			
[CYST TGLS = TGL2]			
PITUITARY GLAND		ENLARGED	TAN, TGL3
Observation Comment: 10x8x5 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 207	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD648
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701012

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; MOTTLED; TGL1]			
OVARY		CYST	FOLLICULAR
Tissue Comment: TGL 2-15			
[CYST TGLS = TGL 2-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL2]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-20, Gross Finding = PITUITARY GLAND; ENLARGED; TAN; TGL3]			
SPLEEN	WHITE PULP	ATROPHY	MILD
	RED PULP	PIGMENT	INCREASED, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 208	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701013

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

MAMMARY GLAND	LEFT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 85x85x40 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 208	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701013

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX
LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
LIVER	CENTRILOBULAR, HEPATOCYTE	DEGENERATION	MINIMAL
		EXTRAMEDULLARY HEMATOPOIESIS	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, ABDOMINAL; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 209	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD566
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701014

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	DIFFUSE, TGL2
	RIGHT	DEFORMITY	DIFFUSE, TGL3
Observation Comment: TGL2 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL3]			
MAMMARY GLAND	RIGHT, AXILLARY	MASS	MOTTLED, TGL1
Observation Comment: 85x65x40 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 209	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD566
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701014

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	UTERUS	VAGINA	

No Section Present

LYMPH NODE, MANDIBULAR	PARATHYROID GLAND

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
Tissue Comment: TGL 2-9, TGL 3-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; DIFFUSE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; DIFFUSE; TGL3]			
LIVER		NECROSIS	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 210	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701015

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 19x12 mm, TGL3 affects all lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL2
	LEFT, INGUINAL	MASS	MOTTLED, TGL1
Observation Comment: 60x50x35 mm			
Observation Comment: 90x70x40 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	RED, TGL4
Observation Comment: 11x5x4 mm			
[ENLARGED TGLS = TGL4]			

ANIMAL ID: 210	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701015

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; MOTTLED; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 4-12, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL4]			
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 211	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701016

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

MAMMARY GLAND	RIGHT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 70x65x50 mm, TGL1 taken for Mol Bio			
[MASS TGLS = TGL1]			
OVARY	LEFT	CYST	RED, TGL3
Observation Comment: 16x10x10 mm			
[CYST TGLS = TGL3]			
UTERUS	LEFT	DILATION	RED, TGL2
Observation Comment: horn, up to 11 mm dia			
[DILATION TGLS = TGL2]			

ANIMAL ID: 211	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701016

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERPLASIA	FOCAL, MODERATE
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL1]			
OVARY		CYST	FOLLICULAR
[CYST TGLS = TGL 3-15, Gross Finding = OVARY; LEFT; CYST; RED; TGL3]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MARKED
		POLYP	STROMAL

Tissue Comment: TGL 2-17, TGL 2-18

[HYPERPLASIA TGLS = TGL2-17, Gross Finding = UTERUS; LEFT; DILATION; RED; TGL2]

ANIMAL ID: 212	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701017

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	RIGHT	CYST	CLEAR, TGL1
Observation Comment: 2x2x1 mm			
[CYST TGLS = TGL1]			
LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: up to 6x5 mm, TGL2 = all lobes			
[FOCUS TGLS = TGL2, 1]			
OVARY	LEFT	CYST	CLEAR, TGL3
Observation Comment: 6x6x6 mm			
[CYST TGLS = TGL3]			

ANIMAL ID: 212	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701017

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL 1-9, Gross Finding = KIDNEY; RIGHT; CYST; CLEAR; TGL1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
OVARY		CYST	FOLLICULAR
[CYST TGLS = TGL 3-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL3]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

ANIMAL ID: 213	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701018

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL1, 1
Observation Comment: multiple, up to 6x3 mm, all lobes affected for TGL1		
[FOCUS TGLS = TGL1, 1]		
STOMACH, FORESTOMACH	NODULE	WHITE, TGL2, 1
Observation Comment: 3x4x2 mm, found at trim		
[NODULE TGLS = TGL2, 1]		

ANIMAL ID: 213	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701018

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		BASOPHILIC FOCUS	
		CHOLANGIOMA	
		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
STOMACH, FORESTOMACH		PAPILLOMA	
[PAPILLOMA TGLS = TGL 2-10, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL2, 1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		INFLAMMATION	SUPPURATIVE, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE

ANIMAL ID: 214	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701019

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	TAN, TGL1
Observation Comment: 100x75x45 mm			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	MOTTLED, TGL2
Observation Comment: 6x5x3 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 214	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701019

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LIVER	LUNG	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	ADENOCARCINOMA	
	MEDULLA, BILATERAL	HYPERPLASIA	FOCAL, MILD
HEART	ARTERIOLE	MINERAL	MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CALCULUS	MINIMAL
		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-20, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; TAN; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 2-12, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL2]			
UTERUS		INFLAMMATION	SUPPURATIVE, MINIMAL

ANIMAL ID: 215	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD512
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701020

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG	ACCESSORY LOBE, RIGHT	MASS	TAN, TGL2
		NODULE	WHITE, TGL3, 1
Observation Comment: 20x12x8 mm, TGL2 taken for Mol Bio			
Observation Comment: up to 5x5x5 mm, multiple, affects all lobes			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL3, 1]			
MAMMARY GLAND	THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 80x80x25 mm, TGL1 contained fluid			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 215	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD512
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701020

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	UTERUS	VAGINA	

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MINIMAL
LUNG		ADENOCARCINOMA	METASTATIC
Tissue Comment: TGL 2-19, TGL 3-7, TGL 3-8			
Observation Comment: mammary gland = primary			
[ADENOCARCINOMA TGLS = TGL2-19, TGL3-7, Gross Finding = LUNG; ACCESSORY LOBE, RIGHT; MASS; TAN; TGL2]			
[ADENOCARCINOMA TGLS = TGL2-19, TGL3-7, Gross Finding = LUNG; NODULE; WHITE; TGL3, 1]			
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-20, Gross Finding = MAMMARY GLAND; THORACIC; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
STOMACH, GLANDULAR		MINERAL	MINIMAL
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 216	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD513
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701021

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS	
PITUITARY GLAND	ENLARGED	DARK, TGL1
Observation Comment: 9x9x7 mm		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 216	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD513
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701021

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
MAMMARY GLAND	DUCT	DILATION	MILD
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
OVARY	BURSA, EPITHELIUM	HYPERPLASIA	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CARCINOMA	
[CARCINOMA TGLS = TGL 1-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL1]			
SPLEEN	WHITE PULP	ATROPHY	MILD
	RED PULP	PIGMENT	INCREASED, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; CARCINOMA; PARS DISTALIS

ANIMAL ID: 217	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD435
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701022

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

ABDOMEN		ACCUMULATION	RED, TGL1
Observation Comment: cavity, ~15 mL			
[ACCUMULATION TGLS = TGL1]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 4x4 mm, TGL3 affects all lung lobes			
[FOCUS TGLS = TGL3, 1]			
UTERUS	BILATERAL	DILATION	RED, TGL2
Observation Comment: horns, up to 12 mm, TGL2 filled with red fluid consistent with hemorrhage			
[DILATION TGLS = TGL2]			

ANIMAL ID: 217	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD435
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701022

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

Tissue Comment: TGL 3-7, TGL 3-8

[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]

LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
SPLEEN	WHITE PULP	ATROPHY	MILD
	CAPSULE	INFLAMMATION	ACUTE, MODERATE
	RED PULP	PIGMENT	INCREASED, MILD
STOMACH, GLANDULAR		MINERAL	MINIMAL
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS		HEMORRHAGE	MARKED
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE

Tissue Comment: TGL 2-17, TGL 2-18, TGL 2-19

[HEMORRHAGE TGLS = TGL2-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL2]

[INFLAMMATION TGLS = TGL2-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL2]

CONTRIBUTORY CAUSE OF DEATH - UTERUS; HEMORRHAGE

ANIMAL ID: 219	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD658
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701024

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL4
Observation Comment: TGL2 = granular			
Observation Comment: TGL4 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL4]			
LUNG	LOBE, LEFT	FOCUS	ONE, WHITE, TGL1, 2
Observation Comment: 2x1 mm			
[FOCUS TGLS = TGL1, 2]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	DARK, TGL3
Observation Comment: 6x6x4 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 219	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD658
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701024

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, LARGE, CECUM		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 2-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL4]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
[INFILTRATION CELLULAR TGLS = TGL 1-20, Gross Finding = LUNG; LOBE, LEFT; FOCUS; ONE, WHITE; TGL1, 2]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND	DUCT	DILATION	MARKED
PARATHYROID GLAND		HYPERTROPHY	FOCAL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	CARCINOMA	
[CARCINOMA TGLS = TGL 3-19, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL3]			
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		INFLAMMATION	SUPPURATIVE, MILD

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; CARCINOMA; PARS DISTALIS

ANIMAL ID: 220	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701025

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: up to 7x5 mm, TGL2 = all lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 40x35x20 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 220	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701025

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	UTERUS	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-20, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; MOTTLED; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
STOMACH, GLANDULAR		MINERAL	MINIMAL

ANIMAL ID: 221	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD562
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701026

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 2x2 mm			
[FOCUS TGLS = TGL3, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
THYMUS		SMALL	TAN, TGL2
Observation Comment: 0.1x			
[SMALL TGLS = TGL2]			
ZYMBALS GLAND	RIGHT	MASS	TAN, TGL1
Observation Comment: 36x22x18 mm, TGL1 = ulcerated, TGL1 encompasses the right mandible			
[MASS TGLS = TGL1]			

ANIMAL ID: 221	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD562
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701026

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	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, MESENTERIC	NOSE	OVARY	PANCREAS
PANCREATIC ISLET	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
EYE	CORNEA	INFLAMMATION	ACUTE, MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND	DUCT	DILATION	MILD
THYMUS		ATROPHY	MILD
[ATROPHY TGLS = TGL 2-7, Gross Finding = THYMUS; SMALL; TAN; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL
ZYMBAL'S GLAND		CARCINOMA	
[CARCINOMA TGLS = TGL 1-19, Gross Finding = ZYMBALS GLAND; RIGHT; MASS; TAN; TGL1]			

CONTRIBUTORY CAUSE OF DEATH - ZYMBAL'S GLAND; CARCINOMA

ANIMAL ID: 222	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD599
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701027

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	RED, TGL4
Observation Comment: multiple, 2x2 mm, TGL4: all lobes affected			
[FOCUS TGLS = TGL4]			
MAMMARY GLAND	RIGHT, AXILLARY	MASS	RED, TGL2
	RIGHT, INGUINAL	MASS	MOTTLED, TGL1
Observation Comment: 49x47x16 mm, TGL2: ulcerated			
Observation Comment: 50x40x25 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
SPLEEN		ENLARGED	TGL3
Observation Comment: 60x14x7 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 222	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD599
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701027

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MARKED
HEART		CARDIOMYOPATHY	MODERATE
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[INFLAMMATION TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; RED; TGL4]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; RED; TGL2]			
[FIBROADENOMA TGLS = TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 3-9, Gross Finding = SPLEEN; ENLARGED; TGL3]			
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 223	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701028

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	CYST	CLEAR, TGL4
Observation Comment: 7x6x4 mm			
[CYST TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple, up to 9x8 mm, TGL5 affects all lung lobes			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	MOTTLED, TGL1
	RIGHT, ABDOMINAL	MASS	TAN, TGL2
Observation Comment: 115x80x35 mm, TGL1 taken for Mol Bio			
Observation Comment: 25x20x10 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
UTERUS	BILATERAL	DILATION	DARK, TGL3
Observation Comment: horn, up to 15 mm dia			
[DILATION TGLS = TGL3]			

ANIMAL ID: 223	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701028

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MILD
INTESTINE, LARGE, COLON	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		FOREIGN BODY	
LIVER		CHOLANGIOMA	
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
[CHOLANGIOMA TGLS = TGL 4-20, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL4]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-21			
[FIBROADENOMA TGLS = TGL2-21, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; MOTTLED; TGL1]			
[FIBROADENOMA TGLS = TGL2-21, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; TAN; TGL2]			
OVARY		CYST	FOLLICULAR
THYROID GLAND	C-CELL	ADENOMA	
UTERUS		ADENOCARCINOMA	
Tissue Comment: TGL 3-17, TGL 3-18			
[ADENOCARCINOMA TGLS = TGL3-17, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL3]			

ANIMAL ID: 224	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701029

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

ADRENAL GLAND	RIGHT	ENLARGED	TGL5
Observation Comment: 3x			
[ENLARGED TGLS = TGL5]			
KIDNEY	LEFT	DEFORMITY	PALE, TGL4
	RIGHT	DEFORMITY	PALE, TGL3
Observation Comment: TGL4 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL4]			
[DEFORMITY TGLS = TGL3]			
LUNG	LOBE, LEFT	FOCUS	WHITE, TGL6, 1
Observation Comment: multiple, up to 5x5 mm			
[FOCUS TGLS = TGL6, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL2
	RIGHT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 10x10x8 mm			
Observation Comment: 12x12x8 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			

ANIMAL ID: 224	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701029

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX	ADENOMA	
[ADENOMA TGLS = TGL 5-12, Gross Finding = ADRENAL GLAND; RIGHT; ENLARGED; TGL5]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 3-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
[INFLAMMATION TGLS = TGL 6-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL6, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-20, TGL 2-21			
[FIBROADENOMA TGLS = TGL2-21, TGL1-20, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL2-21, TGL1-20, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

ANIMAL ID: 225	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701030

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL1
Observation Comment: TGL2 = granular			
Observation Comment: TGL1 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL1]			
LUNG	LOBE, LEFT	FOCUS	WHITE, TGL3, 1
	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL4, 2
Observation Comment: 1x1 mm			
[FOCUS TGLS = TGL3, 1]			
[FOCUS TGLS = TGL4, 2]			

ANIMAL ID: 225	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701030

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SKIN
SPLEEN	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
		PHEOCHROMOCYTOMA	BENIGN
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED

Tissue Comment: TGL 1-9, TGL 2-9

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL1]

LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

Tissue Comment: TGL 3-7, TGL 4-8

[INFILTRATION CELLULAR TGLS = TGL4-8, TGL3-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL3, 1]

[INFILTRATION CELLULAR TGLS = TGL4-8, TGL3-7, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL4, 2]

LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MARKED
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SALIVARY GLAND	ARTERIOLE	DEGENERATION	MILD
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MILD
UTERUS		POLYP	STROMAL

ANIMAL ID: 226	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD484
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701031

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	RED, TGL1

Observation Comment: horns, up to 12 mm dia, TGL1 is blood filled
[DILATION TGLS = TGL1]

ANIMAL ID: 226	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD484
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701031

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND		INFLAMMATION	ACUTE, MULTIFOCAL, MODERATE
		NECROSIS	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
		INFLAMMATION	ACUTE, MULTIFOCAL, MILD
		NECROSIS	MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN	WHITE PULP	ATROPHY	MILD
	RED PULP	PIGMENT	INCREASED, MILD
UTERUS		HEMORRHAGE	MARKED
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD
		POLYP	STROMAL

Tissue Comment: TGL 1-17, TGL 1-18

[HEMORRHAGE TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL1]

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 227	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD619
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701032

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 11x5 mm, TGL2 affects all lung lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 90x60x43 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	RED, TGL3
Observation Comment: 9x5x5 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 227	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD619
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701032

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; MOTTLED; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-20, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL3]			
SPLEEN	RED PULP	PIGMENT	INCREASED, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 228	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701033

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TAN, TGL3
	RIGHT	DEFORMITY	TAN, TGL4
Observation Comment: TGL3 = granular			
Observation Comment: TGL4 = granular			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL4]			
LIVER	LOBE, LEFT	CYST	CLEAR, TGL2
Observation Comment: 3x1x1 mm			
[CYST TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple, up to 35x10 mm			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	LEFT, INGUINAL	MASS	TAN, TGL1
Observation Comment: 25x15x10 mm, TGL1 filled with white fluid			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	RED, TGL6
Observation Comment: 7x5x4 mm			
[ENLARGED TGLS = TGL6]			

ANIMAL ID: 228	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701033

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	ANGIECTASIS	MILD
	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
		PHEOCHROMOCYTOMA	MALIGNANT
HEART		CARDIOMYOPATHY	MODERATE
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 3-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TAN; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TAN; TGL4]			
LIVER		CHOLANGIOMA	
[CHOLANGIOMA TGLS = TGL 2-13, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 6-12, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL6]			
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 228	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701033

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

ANIMAL ID: 229	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701034

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	LOBE, LEFT	CYST	CLEAR, TGL2
Observation Comment: 4x2x2 mm			
[CYST TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple, up to 9x2 mm, TGL4-all lobes affected			
[FOCUS TGLS = TGL4, 1]			
OVARY	LEFT	CYST	CLEAR, THREE, TGL3, 2
Observation Comment: up to 4x4x3 mm			
[CYST TGLS = TGL3, 2]			
SKELETAL MUSCLE	VENTRAL, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 50x35x17 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 229	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701034

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	BILE DUCT	CYST	
		FATTY CHANGE	FOCAL, MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
[CYST TGLS = TGL 2-13, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 4-7, TGL 4-8			
[INFLAMMATION TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = SKELETAL MUSCLE; VENTRAL, THORACIC; MASS; MOTTLED; TGL1]			
OVARY		CYST	FOLLICULAR
[CYST TGLS = TGL 3-15, Gross Finding = OVARY; LEFT; CYST; CLEAR, THREE; TGL3, 2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 230	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701035

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple, up to 3x2 mm, TGL4 affects all lobes			
[FOCUS TGLS = TGL4, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
	RIGHT, AXILLARY	MASS	MOTTLED, TGL2
Observation Comment: 120x120x40 mm, TGL1 is ulcerated, TGL1 taken for Mol Bio			
Observation Comment: 55x40x30 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
OVARY		CYST	CLEAR, TGL5
Observation Comment: unilateral, 5x5x4 mm, found at trim			
[CYST TGLS = TGL5]			
PITUITARY GLAND		NODULE	MOTTLED, TGL3
Observation Comment: 4x4x4 mm			
[NODULE TGLS = TGL3]			

ANIMAL ID: 230	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701035

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
NOSE	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MARKED
	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MARKED
BONE MARROW		HYPERCELLULARITY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		INFLAMMATION	CHRONIC-ACTIVE, MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
MAMMARY GLAND	DUCT	DILATION	MODERATE
		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; MOTTLED; TGL2]			
OVARY		CYST	FOLLICULAR
[CYST TGLS = TGL 5-15, Gross Finding = OVARY; CYST; CLEAR; TGL5]			
PITUITARY GLAND	PARS DISTALIS	CARCINOMA	
[CARCINOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; NODULE; MOTTLED; TGL3]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE

ANIMAL ID: 230	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701035

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		POLYP	STROMAL

ANIMAL ID: 231	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD512
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701036

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG	LOBE, LEFT	FOCUS	TAN, TGL2
	RIGHT LOBE	FOCUS	TAN, TGL3
Observation Comment: multiple, up to 3x3 mm			
[FOCUS TGLS = TGL2]			
[FOCUS TGLS = TGL3]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	CLEAR, TGL1
Observation Comment: 1x1x1 mm			
[CYST TGLS = TGL1]			

ANIMAL ID: 231	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD512
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701036

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL	THYMUS

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
BRAIN		GRANULAR CELL TUMOR	BENIGN
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, ILEUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-8, TGL2-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; TAN; TGL2]			
[INFILTRATION CELLULAR TGLS = TGL3-8, TGL2-7, Gross Finding = LUNG; RIGHT LOBE; FOCUS; TAN; TGL3]			
OVARY		CYST	FOLLICULAR
[CYST TGLS = TGL 1-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- BRAIN; GRANULAR CELL TUMOR; BENIGN

ANIMAL ID: 232	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD617
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701037

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS	
PITUITARY GLAND	ENLARGED	RED, TGL1
Observation Comment: 7x5x5 mm		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 232	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD617
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701037

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 1-12, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL1]			
SPLEEN	WHITE PULP	ATROPHY	MILD
	RED PULP	PIGMENT	INCREASED, MILD
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 233	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701038

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 4x3 mm, TGL2 affects all lung lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 55x40x30 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 233	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701038

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
		PHEOCHROMOCYTOMA	BENIGN
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		FIBROADENOMA	
		INFLAMMATION	SUPPURATIVE, MILD
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL1]			
OVARY	PARAOVARIAN TISSUE	CYST	
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MARKED

ANIMAL ID: 234	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701039

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

ADRENAL GLAND	RIGHT	ENLARGED	MOTTLED, TGL3
Observation Comment: 12x10x10 mm			
[ENLARGED TGLS = TGL3]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: up to 3x3x3 mm, TGL5 = all lobes			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	TAN, TGL1
	RIGHT, AXILLARY	MASS	TAN, TGL2
Observation Comment: 85x80x45 mm, TGL1 taken for Mol Bio			
Observation Comment: 15x15x8 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
OVARY	LEFT	CYST	CLEAR, TGL4
Observation Comment: 9x9x9 mm			
[CYST TGLS = TGL4]			
PITUITARY GLAND		ENLARGED	MOTTLED, TGL6
Observation Comment: 5x5x3 mm			
[ENLARGED TGLS = TGL6]			

ANIMAL ID: 234	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701039

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
		PHEOCHROMOCYTOMA	MALIGNANT
[PHEOCHROMOCYTOMA TGLS = TGL 3-21, Gross Finding = ADRENAL GLAND; RIGHT; ENLARGED; MOTTLED; TGL3]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
		INFARCT	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 5-7, TGL 5-8			
[INFLAMMATION TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20, TGL 1-22			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; TAN; TGL1]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL2]			
OVARY		CYST	BURSAL
[CYST TGLS = TGL 4-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL4]			
PANCREAS	ACINUS	ATROPHY	MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 6-12, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL6]			
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

ANIMAL ID: 235	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD607
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701040

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 3x2 mm, TGL2 affects all lung lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	VENTRAL, THORACIC	MASS	TAN, TGL1
Observation Comment: 100x100x40 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 235	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD607
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701040

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MODERATE
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFLAMMATION TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; VENTRAL, THORACIC; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
STOMACH, GLANDULAR		MINERAL	MILD
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 236	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701041

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	MOTTLED, TGL4
Observation Comment: 2x			
[ENLARGED TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 15x10 mm, TGL2 affects all lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	LEFT, INGUINAL	MASS	BLACK, TGL1
Observation Comment: 30x25x15 mm, TGL1 is necrotic			
[MASS TGLS = TGL1]			
PITUITARY GLAND		NODULE	RED, TGL3
Observation Comment: 2x2x1 mm			
[NODULE TGLS = TGL3]			

ANIMAL ID: 236	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701041

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, MEDIASTINAL	PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	BENIGN
[PHEOCHROMOCYTOMA TGLS = TGL 4-12, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; MOTTLED; TGL4]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; BLACK; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; NODULE; RED; TGL3]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

ANIMAL ID: 237	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701042

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG	LOBE, LEFT	FOCUS	WHITE, TGL3, 1
	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL5, 2
	RIGHT, CRANIAL	FOCUS	WHITE, TGL4, 1

Observation Comment: 7, up to 3x1 mm
Observation Comment: 6, up to 2x1 mm
Observation Comment: 1x1 mm
[FOCUS TGLS = TGL3, 1]
[FOCUS TGLS = TGL5, 2]
[FOCUS TGLS = TGL4, 1]

MAMMARY GLAND	ABDOMINAL	MASS	MOTTLED, TGL1
	LEFT, AXILLARY	MASS	TAN, TGL2

Observation Comment: 140x111x40 mm, TGL1 is ulcerated, TGL1 taken for Mol Bio
Observation Comment: 45x40x20 mm
[MASS TGLS = TGL1]
[MASS TGLS = TGL2]

ANIMAL ID: 237	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701042

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	UTERUS	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MINIMAL
BONE MARROW		HYPERCELLULARITY	MARKED
CLITORAL GLAND		SQUAMOUS CELL CARCINOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		FOREIGN BODY	
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
		MIXED CELL FOCUS	
LUNG		CARCINOMA	METASTATIC
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Observation Comment: thyroid gland = primary			
Tissue Comment: TGL 3-7, TGL 4-8, TGL 5-8			
[INFLAMMATION TGLS = TGL3-7, TGL4-8, TGL5-8, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL3, 1]			
[INFLAMMATION TGLS = TGL3-7, TGL4-8, TGL5-8, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL5, 2]			
[INFLAMMATION TGLS = TGL3-7, TGL4-8, TGL5-8, Gross Finding = LUNG; RIGHT, CRANIAL; FOCUS; WHITE; TGL4, 1]			
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; ABDOMINAL; MASS; MOTTLED; TGL1]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL2]			
PITUITARY GLAND	PARS INTERMEDIA	ADENOMA	
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
THYROID GLAND	C-CELL	CARCINOMA	
	C-CELL	HYPERPLASIA	FOCAL, MARKED

ANIMAL ID: 238	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD430
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701043

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS	
THORAX	FLUID	RED, TGL1

Observation Comment: cavity, ~4 mLs, TGL1 = NST
[FLUID TGLS = TGL1]

ANIMAL ID: 238	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD430
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701043

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MINIMAL
HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		NECROSIS	MODERATE
LUNG		EDEMA	MODERATE
		HEMORRHAGE	MILD
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MARKED
	PERIVASCULAR	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
NOSE	OLFACTORY EPITHELIUM	HYALINE DROPLET ACCUMULATION	MARKED
	RESPIRATORY EPITHELIUM	NECROSIS	MODERATE
SPLEEN	RED PULP	PIGMENT	INCREASED, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
		INFLAMMATION	SUPPURATIVE, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- HEART; CARDIOMYOPATHY

ANIMAL ID: 239	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD701
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701044

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	LEFT, THORACIC	MASS	TAN, TGL1
Observation Comment: 45x40x18 mm			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	RED, TGL2
Observation Comment: 10x9x8 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 239	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD701
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701044

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-20, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 2-19, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL2]			
SPLEEN	WHITE PULP	ATROPHY	MILD
	RED PULP	PIGMENT	INCREASED, MODERATE
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 240	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701045

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG	CRANIAL	FOCUS	WHITE, TGL4, 1
	LOBE, LEFT	FOCUS	WHITE, TGL3, 1
		FOCUS	CAUDAL, WHITE, TGL5, 2
Observation Comment: 3x1 mm			
Observation Comment: multiple, up to 3x2 mm			
Observation Comment: multiple, up to 4x3			
[FOCUS TGLS = TGL4, 1]			
[FOCUS TGLS = TGL3, 1]			
[FOCUS TGLS = TGL5, 2]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 35x35x25 mm			
[MASS TGLS = TGL1]			
OVARY	LEFT	CYST	CLEAR, TGL2
Observation Comment: 5x4x3 mm			
[CYST TGLS = TGL2]			

ANIMAL ID: 240	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701045

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	MEDULLA	CYST	
	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 4-8, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-8, TGL3-7, TGL4-8, Gross Finding = LUNG; CRANIAL; FOCUS; WHITE; TGL4, 1]			
[INFILTRATION CELLULAR TGLS = TGL5-8, TGL3-7, TGL4-8, Gross Finding = LUNG; FOCUS; CAUDAL, WHITE; TGL5, 2]			
[INFILTRATION CELLULAR TGLS = TGL5-8, TGL3-7, TGL4-8, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL3, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-20, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL1]			
OVARY		CYST	BURSAL
[CYST TGLS = TGL 2-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL2]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MARKED
SPLEEN	WHITE PULP	ATROPHY	MILD
	RED PULP	PIGMENT	INCREASED, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		INFLAMMATION	SUPPURATIVE, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

ANIMAL ID: 241	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD429
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701046

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL6, 1
Observation Comment: multiple, up to 2x2 mm, TGL6 affects all lung lobes			
[FOCUS TGLS = TGL6, 1]			
LYMPH NODE	RENAL	ENLARGED	TAN, TWO, TGL4, 2
Observation Comment: 10x			
[ENLARGED TGLS = TGL4, 2]			
LYMPH NODE, MEDIASTINAL		ENLARGED	FOUR, TAN, 1, TGL5
Observation Comment: 5x			
[ENLARGED TGLS = 1, TGL5]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL7
Observation Comment: 3x, found at trim			
[ENLARGED TGLS = TGL7]			
NO CORRELATE		TO OBSERVATION / MASS	
SPLEEN		ENLARGED	MOTTLED, TGL1
		MASS	DARK, TGL9
		MASS	DARK, TGL8
		MASS	RED, TGL2
		MASS	RED, TGL3
Observation Comment: 68x19x18 mm			

ANIMAL ID: 241	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD429
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701046

Observation Comment: 7x5x2 mm, found at trim
Observation Comment: 8x5x3 mm, found at trim
Observation Comment: 10x8x6 mm
Observation Comment: 9x5x5 mm
[ENLARGED TGLS = TGL1]
[MASS TGLS = TGL9]
[MASS TGLS = TGL8]
[MASS TGLS = TGL2]
[MASS TGLS = TGL3]

ANIMAL ID: 241	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD429
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701046

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, JEJUNUM	LARYNX
MAMMARY GLAND	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

BONE MARROW		LYMPHOMA	MALIGNANT
BONE, FEMUR		NECROSIS	MARKED
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, DUODENUM		LYMPHOMA	MALIGNANT
INTESTINE, SMALL, ILEUM		LYMPHOMA	MALIGNANT
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		LYMPHOMA	MALIGNANT
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 6-7, TGL 6-8			
[INFILTRATION CELLULAR TGLS = TGL6-7, Gross Finding = LUNG; FOCUS; WHITE; TGL6, 1]			
LYMPH NODE		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL4-19, Gross Finding = LYMPH NODE; RENAL; ENLARGED; TAN, TWO; TGL4, 2]			
LYMPH NODE, BRONCHIAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 5-20, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; FOUR, TAN; 1, TGL5]			
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 7-10, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL7]			
PANCREAS			
Tissue Comment: TGL 4-19			
SPLEEN		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 1-9, TGL 2-21, TGL 3-21, TGL 8-21, TGL 9-21			

ANIMAL ID: 241	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD429
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701046

[LYMPHOMA TGLS = TGL2-21, TGL8-21, TGL1-9, TGL3-21, TGL9-21, Gross Finding = SPLEEN; ENLARGED; MOTTLED; TGL1]
[LYMPHOMA TGLS = TGL2-21, TGL8-21, TGL1-9, TGL3-21, TGL9-21, Gross Finding = SPLEEN; MASS; DARK; TGL8]
[LYMPHOMA TGLS = TGL2-21, TGL8-21, TGL1-9, TGL3-21, TGL9-21, Gross Finding = SPLEEN; MASS; DARK; TGL9]
[LYMPHOMA TGLS = TGL2-21, TGL8-21, TGL1-9, TGL3-21, TGL9-21, Gross Finding = SPLEEN; MASS; RED; TGL2]
[LYMPHOMA TGLS = TGL2-21, TGL8-21, TGL1-9, TGL3-21, TGL9-21, Gross Finding = SPLEEN; MASS; RED; TGL3]

THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - SPLEEN; LYMPHOMA; MALIGNANT

ANIMAL ID: 242	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701047

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	CYST	CLEAR, TGL2
Observation Comment: 3x3x1 mm			
[CYST TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 3x2 mm, TGL3 affects the left and right caudal lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	RIGHT, CERVICAL	MASS	MOTTLED, TGL1
Observation Comment: 60x50x25 mm, TGL1 taken for Mol Bio			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	RED, TGL4
Observation Comment: 5x3x2 mm			
[ENLARGED TGLS = TGL4]			

ANIMAL ID: 242	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701047

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX	ANGIECTASIS	MILD
	CORTEX	HYPERPLASIA	FOCAL, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		CHOLANGIOMA	
		CLEAR CELL FOCUS	
[CHOLANGIOMA TGLS = TGL 2-20, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
LYMPH NODE, MEDIASTINAL		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, CERVICAL; MASS; MOTTLED; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	GOBLET CELL, MINIMAL
OVARY		ADENOMA	
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
[HYPERPLASIA TGLS = TGL 4-12, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL4]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
		INFLAMMATION	SUPPURATIVE, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

ANIMAL ID: 243	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701048

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 2x2 mm, TGL2 affects all lobes		
[FOCUS TGLS = TGL2, 1]		
PITUITARY GLAND	ENLARGED	MOTTLED, TGL1
Observation Comment: 4x3x3 mm		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 243	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701048

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	GOBLET CELL, MILD
OVARY		FIBROSIS	MODERATE
	CAPSULE	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	
	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
[CYST TGLS = TGL 1-12, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL1]			
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

ANIMAL ID: 244	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD696
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701049

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL1, 1
Observation Comment: multiple, up to 15x5 mm, TGL1 affects all lung lobes		
[FOCUS TGLS = TGL1, 1]		
NO CORRELATE	TO OBSERVATION / MASS	

ANIMAL ID: 244	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD696
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701049

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	UTERUS	VAGINA

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

HEART		CARDIOMYOPATHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
SPLEEN	WHITE PULP	ATROPHY	MARKED
	RED PULP	PIGMENT	INCREASED, MARKED
THYROID GLAND	C-CELL, BILATERAL	HYPERPLASIA	FOCAL, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- HEART; CARDIOMYOPATHY

ANIMAL ID: 245	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701050

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple, up to 10x5 mm, TGL5 affects right caudal, left, and accessory lobes			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL2
	LEFT, INGUINAL	MASS	TAN, TGL3
	RIGHT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 6x6x4 mm			
Observation Comment: 15x15x8 mm			
Observation Comment: 7x7x4 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL1]			
PITUITARY GLAND		NODULE	TAN, TGL4
Observation Comment: 2x2x1 mm			
[NODULE TGLS = TGL4]			

ANIMAL ID: 245	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701050

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, MEDIASTINAL

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	MULTIPLE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-22, TGL 2-20, TGL 3-21			
[FIBROADENOMA TGLS = TGL2-20, TGL3-21, TGL1-22, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL2-20, TGL3-21, TGL1-22, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; TAN; TGL3]			
[FIBROADENOMA TGLS = TGL2-20, TGL3-21, TGL1-22, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	GOBLET CELL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 4-12, Gross Finding = PITUITARY GLAND; NODULE; TAN; TGL4]			
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

ANIMAL ID: 246	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD619
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701051

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

MAMMARY GLAND	RIGHT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 70x65x40 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 246	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD619
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701051

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	EPITHELIUM, ALVEOLUS	HYPERPLASIA	MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
	ALVEOLUS	METAPLASIA	SQUAMOUS, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL1]			
OVARY		CYST	FOLLICULAR
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
STOMACH, GLANDULAR		MINERAL	MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 247	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701052

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 2x2 mm, TGL2 affects the right cranial, right caudal, and left lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	LEFT, INGUINAL	MASS	RED, TGL1
Observation Comment: 25x20x15 mm, TGL1 filled with brown fluid			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	RED, TGL3
Observation Comment: 4x4x3 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 247	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701052

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	ATROPHY	DIFFUSE, MODERATE
	MEDULLA	HYPERPLASIA	FOCAL, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, BRONCHIAL		INFILTRATION CELLULAR	HISTIOCYTE, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
MAMMARY GLAND		ADENOMA	
[ADENOMA TGLS = TGL 1-20, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; RED; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL3]			
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

ANIMAL ID: 248	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701053

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG	LOBE, LEFT	FOCUS	WHITE, TGL3, 1
	RIGHT LOBE	FOCUS	CAUDAL, WHITE, TGL4, 2
Observation Comment: 6, up to 10x6 mm			
Observation Comment: 5, up to 6x4 mm			
[FOCUS TGLS = TGL3, 1]			
[FOCUS TGLS = TGL4, 2]			
MAMMARY GLAND	BILATERAL, INGUINAL	MASS	MOTTLED, TGL1
Observation Comment: 75x65x20 mm, clitoral glands are incorporated into TGL1			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	MOTTLED, TGL2
Observation Comment: 7x5x4 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 248	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701053

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

CLITORAL GLAND	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MARKED
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MARKED
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, TGL4-8, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL3, 1]			
[INFILTRATION CELLULAR TGLS = TGL3-7, TGL4-8, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, WHITE; TGL4, 2]			
MAMMARY GLAND	DUCT	DILATION	MILD
		FIBROADENOMA	
[DILATION TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; BILATERAL, INGUINAL; MASS; MOTTLED; TGL1]			
OVARY		CYST	FOLLICULAR
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 2-12, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL2]			
SPLEEN	WHITE PULP	ATROPHY	MILD
	RED PULP	PIGMENT	INCREASED, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

CONTRIBUTORY CAUSE OF DEATH	- PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 249	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701054

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	RIGHT, INGUINAL	MASS	TAN, TGL1
Observation Comment: 30x30x20 mm, TGL1 taken for Mol Bio			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	MOTTLED, TGL2
Observation Comment: 10x8x5 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 249	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701054

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 2-20, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL2]			
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 250	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701055

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	DEFORMITY	TGL5
Observation Comment: TGL5 is composed of a multi lobed right median lobe			
[DEFORMITY TGLS = TGL5]			
LUNG		FOCUS	WHITE, TGL6, 1
Observation Comment: multiple, up to 2x1 mm, TGL6 affects all lobes			
[FOCUS TGLS = TGL6, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 150x100x56 mm, TGL1 is ulcerated, TGL1 taken for Mol Bio			
[MASS TGLS = TGL1]			
OVARY	RIGHT	CYST	CLEAR, TGL3
Observation Comment: 15 mm dia			
[CYST TGLS = TGL3]			
SPLEEN		ENLARGED	RED, TGL4
Observation Comment: 55x10x10 mm			
[ENLARGED TGLS = TGL4]			
THORAX		FLUID	CLEAR, TGL2
Observation Comment: cavity, ~5 mL			
[FLUID TGLS = TGL2]			

ANIMAL ID: 250	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701055

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX, BILATERAL	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MILD
HEART		CARDIOMYOPATHY	MILD
INTESTINE, LARGE, COLON	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		HEPATODIAPHRAGMATIC NODULE	
		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MILD
[HEPATODIAPHRAGMATIC NODULE TGLS = TGL 5-13, Gross Finding = LIVER; LOBE, MEDIAN; DEFORMITY; TGL5]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
	ALVEOLUS	METAPLASIA	SQUAMOUS, MINIMAL
Tissue Comment: TGL 6-7, TGL 6-8			
[INFLAMMATION TGLS = TGL6-7, Gross Finding = LUNG; FOCUS; WHITE; TGL6, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
		HYPERPLASIA	LOBULOALVEOLAR, MODERATE
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
OVARY		CYST	BURSAL
[CYST TGLS = TGL 3-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL3]			

ANIMAL ID: 250	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701055

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 4-20, Gross Finding = SPLEEN; ENLARGED; RED; TGL4]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 218R	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD677
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701023

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	RIGHT	DISCOLORATION	MOTTLED, TGL4
[DISCOLORATION TGLS = TGL4]			
LUNG			
Tissue Comment: Complete lung inflation was compromised by a post-mortem bronchial perforation. Marriott bottle attempted.			
MAMMARY GLAND	LEFT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 130x115x50 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	MOTTLED, TGL5
Observation Comment: 5x5x3 mm			
[ENLARGED TGLS = TGL5]			
SKIN		NODULE	PALE, TGL3
Observation Comment: tail, 5x4x2 mm, TGL3 is near tattoo site			
[NODULE TGLS = TGL3]			
UTERUS	RIGHT	DILATION	DARK, TGL2
Observation Comment: horn, 15 mm dia			
[DILATION TGLS = TGL2]			

ANIMAL ID: 218R	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD677
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701023

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERPLASIA	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
HARDERIAN GLAND		PIGMENT	MILD
[PIGMENT TGLS = TGL 4-14, Gross Finding = HARDERIAN GLAND; RIGHT; DISCOLORATION; MOTTLED; TGL4]			
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LARYNX		FOREIGN BODY	
LIVER		EXTRAMEDULLARY HEMATOPOIESIS	MINIMAL
	PERIPORTAL, HEPATOCYTE	HYPERTROPHY	MILD
		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
MAMMARY GLAND		FIBROADENOMA	
		INFLAMMATION	ACUTE, MILD
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, ABDOMINAL; MASS; MOTTLED; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 5-12, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL5]			
SKIN		FIBROMA	
		INFLAMMATION	ACUTE, MODERATE
[FIBROMA TGLS = TGL 3-20, Gross Finding = SKIN; NODULE; PALE; TGL3]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL

ANIMAL ID: 218R	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD677
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701023

UTERUS		HEMORRHAGE	MODERATE
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

[HEMORRHAGE TGLS = TGL 2-18, Gross Finding = UTERUS; RIGHT; DILATION; DARK; TGL2]

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 251	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD544
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701056

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LYMPH NODE	LUMBAR	ENLARGED	TGL4
Observation Comment: 3x			
[ENLARGED TGLS = TGL4]			
MAMMARY GLAND	INGUINAL	MASS	TAN, TGL1
	RIGHT, AXILLARY	MASS	TAN, TGL2
Observation Comment: 115x90x40 mm			
Observation Comment: 85x80x45 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
THYMUS		SMALL	TGL3
Observation Comment: 0.5x			
[SMALL TGLS = TGL3]			

ANIMAL ID: 251	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD544
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701056

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	UTERUS

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	MEDULLA, BILATERAL	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE	LUMBAR	HYPERPLASIA	LYMPHOCYTE, MILD
[HYPERPLASIA TGLS = TGL 4-21, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; TGL4]			
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; INGUINAL; MASS; TAN; TGL1]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL2]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
THYMUS		ATROPHY	MODERATE
[ATROPHY TGLS = TGL 3-7, Gross Finding = THYMUS; SMALL; TGL3]			
VAGINA		INFLAMMATION	SUPPURATIVE, MODERATE

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 252	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD640
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701057

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TAN, TGL2
	RIGHT	DEFORMITY	TAN, TGL5
Observation Comment: TGL2 = granular			
Observation Comment: TGL5 = granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL5]			
LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple, up to 8x3 mm, TGL4 affects all lung lobes			
[FOCUS TGLS = TGL4, 1]			
MAMMARY GLAND	RIGHT, INGUINAL	MASS	TAN, TGL1
Observation Comment: 30x25x15 mm			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	RED, TGL3
Observation Comment: 7x5x4 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 252	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD640
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701057

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

LYMPH NODE, BRONCHIAL	PARATHYROID GLAND	THYMUS

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
Tissue Comment: TGL 2-9, TGL 5-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL2-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TAN; TGL2]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL2-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TAN; TGL5]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL3]			
SPLEEN	RED PULP	PIGMENT	INCREASED, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE

CONTRIBUTORY CAUSE OF DEATH	- PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 253	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD522
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701058

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	PELVIS, RIGHT	DILATION	TGL7
	LEFT	FOCUS	WHITE, TGL5, 1
	RIGHT	FOCUS	WHITE, TGL4, 1
Observation Comment: 5x5x5 mm, found at trim			
Observation Comment: up to 3x3 mm, multiple			
[DILATION TGLS = TGL7]			
[FOCUS TGLS = TGL5, 1]			
[FOCUS TGLS = TGL4, 1]			
LUNG	LEFT	FOCUS	WHITE, TGL6, 1
Observation Comment: up to 4x4 mm, multiple			
[FOCUS TGLS = TGL6, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL2
	LEFT, INGUINAL	MASS	TAN, TGL1
Observation Comment: 55x40x30 mm, ulcerated,			
Observation Comment: 65x55x30 mm, involves clitoral glands and ulcerated.			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
SPLEEN		ENLARGED	DARK, TGL3

ANIMAL ID: 253	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD522
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701058

Observation Comment: 53x10x10 mm
[ENLARGED TGLS = TGL3]

ANIMAL ID: 253	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD522
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701058

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX	ANGIECTASIS	MINIMAL
		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MINIMAL
	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY	PELVIS	DILATION	MODERATE
		INFLAMMATION	SUPPURATIVE, MARKED
	PAPILLA	NECROSIS	MODERATE

Tissue Comment: TGL 4-9, TGL 5-9, TGL 7-9

[DILATION TGLS = TGL7-9, Gross Finding = KIDNEY; PELVIS, RIGHT; DILATION; TGL7]

[INFLAMMATION TGLS = TGL4-9, TGL5-9, TGL7-9, Gross Finding = KIDNEY; LEFT; FOCUS; WHITE; TGL5, 1]

[INFLAMMATION TGLS = TGL4-9, TGL5-9, TGL7-9, Gross Finding = KIDNEY; PELVIS, RIGHT; DILATION; TGL7]

[INFLAMMATION TGLS = TGL4-9, TGL5-9, TGL7-9, Gross Finding = KIDNEY; RIGHT; FOCUS; WHITE; TGL4, 1]

LARYNX		FOREIGN BODY	
	EPITHELIUM	HYPERPLASIA	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

[INFILTRATION CELLULAR TGLS = TGL 6-7, Gross Finding = LUNG; LEFT; FOCUS; WHITE; TGL6, 1]

LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	
		FIBROADENOMA	

Tissue Comment: TGL 1-19, TGL 2-20

[ADENOCARCINOMA TGLS = TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; TAN; TGL1]

[FIBROADENOMA TGLS = TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL2]

ANIMAL ID: 253	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD522
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701058

PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 3-9, Gross Finding = SPLEEN; ENLARGED; DARK; TGL3]			
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MARKED
URINARY BLADDER		INFLAMMATION	SUPPURATIVE, MARKED
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA		

ANIMAL ID: 254	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD688
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701059

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

EYE	RIGHT	CYST	WHITE, TGL4, 1
Observation Comment: opaque, 2x1x1 mm, TGL4 does not affect eye, affected surrounding tissue only			
[CYST TGLS = TGL4, 1]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 25x19 mm, TGL3 affects all lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND		MASS	TAN, TGL1
Observation Comment: 34x28x11 mm, TGL1 submitted for oncogene			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	DARK, TGL5
Observation Comment: 4x4x2 mm			
[ENLARGED TGLS = TGL5]			
THYMUS		ENLARGED	TGL2
Observation Comment: 20x10x7 mm, TGL2 = solid			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 254	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD688
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701059

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	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, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
OVARY	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
EYE	CORNEA	INFLAMMATION	ACUTE, MILD
[INFLAMMATION TGLS = TGL 4-14, Gross Finding = EYE; RIGHT; CYST; WHITE; TGL4, 1]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; MASS; TAN; TGL1]			
PANCREAS	ACINUS, ARTERIOLE	INFLAMMATION	CHRONIC-ACTIVE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 5-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL5]			
THYMUS		THYMOMA	
[THYMOMA TGLS = TGL 2-20, Gross Finding = THYMUS; ENLARGED; TGL2]			
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

CONTRIBUTORY CAUSE OF DEATH - THYMUS; THYMOMA

ANIMAL ID: 255	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD583
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701060

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - RIGHT	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	RIGHT	CYST	CLEAR, TGL2
	RIGHT	CYST	CLEAR, TGL3
Observation Comment: 6x6x4 mm			
Observation Comment: 5x4x3 mm			
[CYST TGLS = TGL2]			
[CYST TGLS = TGL3]			
LIVER	LOBE, LEFT	CYST	CLEAR, TGL7
	LOBE, MEDIAN	CYST	CLEAR, TGL6
Observation Comment: 2x2x2 mm			
[CYST TGLS = TGL7]			
[CYST TGLS = TGL6]			
LUNG		FOCUS	TAN, TGL5
Observation Comment: multiple, up to 1x1 mm, TGL5 = all lobes			
[FOCUS TGLS = TGL5]			
LYMPH NODE	BILATERAL, LUMBAR	ENLARGED	TAN, TGL9
Observation Comment: 5x			
[ENLARGED TGLS = TGL9]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL10
Observation Comment: 4x			

ANIMAL ID: 255	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD583
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701060

[ENLARGED TGLS = TGL10]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	MASS	MOTTLED, TGL1
Observation Comment: 70x35x20 mm, TGL1 = contains caseous material.			
[MASS TGLS = TGL1]			
PANCREAS		MASS	TAN, TGL4
Observation Comment: 65x40x25 mm, TGL4 taken for Mol Bio, TGL4 = accounts for distended abdomen			
[MASS TGLS = TGL4]			
UTERUS	LEFT	MASS	TAN, TGL8
Observation Comment: horn, 12x10x10 mm, TGL8 taken for Mol Bio			
[MASS TGLS = TGL8]			

ANIMAL ID: 255	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD583
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701060

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR	MAMMARY GLAND
NOSE	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	URINARY BLADDER	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	THYMUS

OBSERVATIONS

ADRENAL GLAND	MEDULLA	THROMBUS	
BONE MARROW		HYPERCELLULARITY	MARKED
CLITORAL GLAND		HISTIOCYTIC SARCOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
		HISTIOCYTIC SARCOMA	
		NO CORRESPONDING LESION	

Tissue Comment: TGL 2-9, TGL 3-9
[HISTIOCYTIC SARCOMA TGLS = TGL2-9, Gross Finding = KIDNEY; RIGHT; CYST; CLEAR; TGL2]
[NO CORRESPONDING LESION TGLS = TGL3-9, Gross Finding = KIDNEY; RIGHT; CYST; CLEAR; TGL3]

LIVER		HISTIOCYTIC SARCOMA	

Tissue Comment: TGL 6-21, TGL 7-21
[HISTIOCYTIC SARCOMA TGLS = TGL6-21, TGL7-21, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL7]
[HISTIOCYTIC SARCOMA TGLS = TGL6-21, TGL7-21, Gross Finding = LIVER; LOBE, MEDIAN; CYST; CLEAR; TGL6]

LUNG		HISTIOCYTIC SARCOMA	

Tissue Comment: TGL 5-7, TGL 5-8
[HISTIOCYTIC SARCOMA TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; TAN; TGL5]

LYMPH NODE	LUMBAR	HISTIOCYTIC SARCOMA	

[HISTIOCYTIC SARCOMA TGLS = TGL 9-23, Gross Finding = LYMPH NODE; BILATERAL, LUMBAR; ENLARGED; TAN; TGL9]

LYMPH NODE, MESENTERIC		HISTIOCYTIC SARCOMA	

[HISTIOCYTIC SARCOMA TGLS = TGL 10-24, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL10]

OVARY		INFLAMMATION	SUPPURATIVE, MARKED

[INFLAMMATION TGLS = TGL 1-25, Gross Finding = OVARY; LEFT; MASS; MOTTLED; TGL1]

ANIMAL ID: 255	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD583
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701060

PANCREAS	ACINUS	HISTIOCYTIC SARCOMA
[HISTIOCYTIC SARCOMA TGLS = TGL 4-19, Gross Finding = PANCREAS; MASS; TAN; TGL4]		
SPLEEN		HISTIOCYTIC SARCOMA
UTERINE CERVIX		HISTIOCYTIC SARCOMA
UTERUS		HISTIOCYTIC SARCOMA
[HISTIOCYTIC SARCOMA TGLS = TGL 8-20, Gross Finding = UTERUS; LEFT; MASS; TAN; TGL8]		
CONTRIBUTORY CAUSE OF DEATH	- UTERUS; HISTIOCYTIC SARCOMA	

ANIMAL ID: 256	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701061

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	LOBE, LEFT	CYST	CLEAR, TGL2
Observation Comment: 10x9x2 mm			
[CYST TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 10x4 mm, TGL3 affects all lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 25x20x20 mm, TGL1 taken for Mol Bio			
[MASS TGLS = TGL1]			

ANIMAL ID: 256	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701061

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	VAGINA		

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
LIVER		CHOLANGIOMA	
		CLEAR CELL FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
[CHOLANGIOMA TGLS = TGL 2-20, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL1]			
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
UTERINE CERVIX	EPITHELIUM	DYSPLASIA	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE

ANIMAL ID: 257	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD688
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701062

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

MAMMARY GLAND	LEFT, INGUINAL	MASS	TAN, TGL2
	LEFT, THORACIC	MASS	TAN, TGL1
Tissue Comment: TGL1 and 2 account for left abdomen masses noted clinically, only 2 present.			
Observation Comment: 80x70x40 mm, TGL2 incorporates left clitoral gland			
Observation Comment: 120x100x50 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
THYROID GLAND	RIGHT	MASS	TAN, TGL3
Observation Comment: 14x5x4 mm			
[MASS TGLS = TGL3]			
UTERUS	RIGHT	NODULE	TGL4
Observation Comment: horn, 4x3x3 mm			
[NODULE TGLS = TGL4]			

ANIMAL ID: 257	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD688
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701062

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LIVER	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MARKED
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		FOREIGN BODY	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; TAN; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
		HYPERPLASIA	LYMPHOCYTE, MILD
THYROID GLAND	C-CELL	CARCINOMA	
[CARCINOMA TGLS = TGL 3-21, Gross Finding = THYROID GLAND; RIGHT; MASS; TAN; TGL3]			
UTERUS		ADENOCARCINOMA	
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
[ADENOCARCINOMA TGLS = TGL 4-22, Gross Finding = UTERUS; RIGHT; NODULE; TGL4]			

CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 258	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701063

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 20x15x10 mm, TGL1 taken for Mol Bio			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	MOTTLED, TGL2
Observation Comment: 7x5x3 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 258	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701063

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MARKED
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
		PHEOCHROMOCYTOMA	BENIGN
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
LARYNX		FOREIGN BODY	
LUNG		FOREIGN BODY	
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, FOCAL, MARKED
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 2-12, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL2]			
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 259	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD703
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701064

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	LEFT, ABDOMINAL	MASS	MOTTLED, TGL2
	THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 30x20x10 mm			
Observation Comment: 118x75x55 mm, TGL1 was taken for Mol Bio			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	RIGHT	FOCUS	DARK, TGL3
Observation Comment: horn, 3x3 mm			
[FOCUS TGLS = TGL3]			

ANIMAL ID: 259	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD703
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701064

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

THYMUS

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MARKED
BONE MARROW		HYPERCELLULARITY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, BRONCHIAL		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		ADENOCARCINOMA	
		FIBROADENOMA	

Tissue Comment: TGL 1-19, TGL 2-20

[ADENOCARCINOMA TGLS = TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, ABDOMINAL; MASS; MOTTLED; TGL2]

[FIBROADENOMA TGLS = TGL1-19, Gross Finding = MAMMARY GLAND; THORACIC; MASS; MOTTLED; TGL1]

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
UTERUS		HEMORRHAGE	MODERATE
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	HYPERPLASIA	STROMAL, MINIMAL

[HEMORRHAGE TGLS = TGL 3-18, Gross Finding = UTERUS; RIGHT; FOCUS; DARK; TGL3]

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 260	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD208
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701065

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	ZYMBALS GLAND	

OBSERVATIONS

BONE	RIGHT, RADIUS	FRACTURE	TGL1
[FRACTURE TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
VAGINA		ACCUMULATION	RED, TGL2
[ACCUMULATION TGLS = TGL2]			

ANIMAL ID: 260	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD208
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701065

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX			

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
BONE		CALLUS	
[CALLUS TGLS = TGL 1-19, Gross Finding = BONE; RIGHT, RADIUS; FRACTURE; TGL1]			
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
SPLEEN	WHITE PULP	ATROPHY	MILD
	RED PULP	PIGMENT	INCREASED, MILD
UTERUS		HEMORRHAGE	MODERATE
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
VAGINA		HEMORRHAGE	MILD
[HEMORRHAGE TGLS = TGL 2-17, Gross Finding = VAGINA; ACCUMULATION; RED; TGL2]			

CONTRIBUTORY CAUSE OF DEATH - BONE; CALLUS

ANIMAL ID: 261	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701066

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 5x3 mm, TGL2 affects all lung lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	LEFT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 35x35x20 mm, TGL1 taken for Mol Bio			
[MASS TGLS = TGL1]			

ANIMAL ID: 261	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701066

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
LIVER		CLEAR CELL FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, ABDOMINAL; MASS; MOTTLED; TGL1]			
OVARY		CYST	FOLLICULAR
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
THYROID GLAND	C-CELL, BILATERAL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE
		POLYP	STROMAL

ANIMAL ID: 262	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701067

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	RIGHT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 50x40x30 mm			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	MOTTLED, TGL2
Observation Comment: 5x4x3 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 262	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701067

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
		PHEOCHROMOCYTOMA	BENIGN
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 2-12, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL2]			
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
UTERUS		HEMORRHAGE	MILD
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 263	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD555
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701068

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple, up to 20x15 mm, TGL-4 affects all lobes			
[FOCUS TGLS = TGL4, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	MOTTLED, TGL1
Observation Comment: 90x38x24 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	CLEAR, TGL5
Observation Comment: 11x10x10 mm			
[CYST TGLS = TGL5]			
SPLEEN		ENLARGED	DARK, TGL2
Observation Comment: 55x15x5 mm			
[ENLARGED TGLS = TGL2]			
THYMUS		SMALL	TGL3
Observation Comment: 0.5x			
[SMALL TGLS = TGL3]			

ANIMAL ID: 263	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD555
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701068

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MILD
INTESTINE, LARGE, COLON	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, BRONCHIAL		HYPERPLASIA	PLASMA CELL, MINIMAL
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; MOTTLED; TGL1]			
OVARY	PARAOVARIAN TISSUE	CYST	
[CYST TGLS = TGL 5-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL5]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-9, Gross Finding = SPLEEN; ENLARGED; DARK; TGL2]			
THYMUS		ATROPHY	MILD
[ATROPHY TGLS = TGL 3-7, Gross Finding = THYMUS; SMALL; TGL3]			
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 264	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD504
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701069

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG	LOBE, LEFT	FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 3x3 mm			
[FOCUS TGLS = TGL2, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	TAN, TGL1
Observation Comment: 5x4x2 mm			
[ENLARGED TGLS = TGL1]			
UTERUS	BILATERAL	DISCOLORATION	DARK, TGL3
Observation Comment: horn			
[DISCOLORATION TGLS = TGL3]			

ANIMAL ID: 264	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD504
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701069

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	CENTRILOBULAR, HEPATOCYTE	DEGENERATION	MILD
LUNG		EDEMA	MODERATE
		HEMORRHAGE	MILD
	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
[INFILTRATION CELLULAR TGLS = TGL 2-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 1-12, Gross Finding = PITUITARY GLAND; ENLARGED; TAN; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE
[HYPERPLASIA TGLS = TGL 3-18, Gross Finding = UTERUS; BILATERAL; DISCOLORATION; DARK; TGL3]			

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 265	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD491
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701070

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND		NODULE	TAN, TGL8
Observation Comment: unilateral, 3x2x1 mm, found at trim			
[NODULE TGLS = TGL8]			
KIDNEY	PELVIS, RIGHT	DILATION	RED, TGL3
Observation Comment: 3x			
[DILATION TGLS = TGL3]			
LUNG	RIGHT LOBE	MASS	CAUDAL, TAN, 1, TGL5
	LOBE, LEFT	NODULE	TAN, TGL6
Observation Comment: 12x12x9 mm			
Observation Comment: 2x2x2 mm			
[MASS TGLS = 1, TGL5]			
[NODULE TGLS = TGL6]			
LYMPH NODE, MEDIASTINAL		ENLARGED	FOUR, TAN, 1, TGL4
Observation Comment: up to 10x			
[ENLARGED TGLS = 1, TGL4]			
LYMPH NODE, MESENTERIC		ENLARGED	MOTTLED, TGL1
Observation Comment: 90x68x45 mm, TGL1 has necrotic center, incorporates right ovary			
[ENLARGED TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
PANCREAS		NODULE	TAN, TWO, TGL9, 2

ANIMAL ID: 265	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD491
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701070

Observation Comment: up to 5x5x4 mm, found at trim			
[NODULE TGLS = TGL9, 2]			
SKELETAL MUSCLE	DIAPHRAGM	MASS	FIVE, TAN, 1, TGL2
Observation Comment: up to 11x6x3 mm, Largest 5 diaphramatic masses recorded, >5 present and diaphragm adhered to liver			
[MASS TGLS = 1, TGL2]			
SPLEEN	CAPSULE	NODULE	TAN, TGL10
Observation Comment: 4x2x2 mm, found at trim			
[NODULE TGLS = TGL10]			
UTERUS	RIGHT	MASS	RED, TGL7
Observation Comment: horn, 7x4x4 mm			
[MASS TGLS = TGL7]			

ANIMAL ID: 265	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD491
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701070

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
MAMMARY GLAND	NOSE	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND		CARCINOMA	METASTATIC
[CARCINOMA TGLS = TGL 8-12, Gross Finding = ADRENAL GLAND; NODULE; TAN; TGL8]			
INTESTINE, SMALL, ILEUM		CARCINOMA	METASTATIC
KIDNEY	PELVIS	DILATION	MILD
[DILATION TGLS = TGL 3-9, Gross Finding = KIDNEY; PELVIS, RIGHT; DILATION; RED; TGL3]			
LIVER		CARCINOMA	METASTATIC
		NECROSIS	MILD
Observation Comment: lung = primary			
LUNG		SQUAMOUS CELL CARCINOMA	
Tissue Comment: TGL 5-8, TGL 6-7			
[SQUAMOUS CELL CARCINOMA TGLS = TGL5-8, TGL6-7, Gross Finding = LUNG; LOBE, LEFT; NODULE; TAN; TGL6]			
[SQUAMOUS CELL CARCINOMA TGLS = TGL5-8, TGL6-7, Gross Finding = LUNG; RIGHT LOBE; MASS; CAUDAL, TAN; 1, TGL5]			
LYMPH NODE, BRONCHIAL		CARCINOMA	METASTATIC
LYMPH NODE, MEDIASTINAL		CARCINOMA	METASTATIC
[CARCINOMA TGLS = TGL 4-21, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; FOUR, TAN; 1, TGL4]			
LYMPH NODE, MESENTERIC		CARCINOMA	METASTATIC
[CARCINOMA TGLS = TGL 1-19, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; MOTTLED; TGL1]			
OVARY		CYST	FOLLICULAR
PANCREAS	ACINUS	CARCINOMA	METASTATIC
Observation Comment: lung = primary			
[CARCINOMA TGLS = TGL 9-22, Gross Finding = PANCREAS; NODULE; TAN, TWO; TGL9, 2]			
SKELETAL MUSCLE		CARCINOMA	METASTATIC
[CARCINOMA TGLS = TGL 2-20, Gross Finding = SKELETAL MUSCLE; DIAPHRAGM; MASS; FIVE, TAN; 1, TGL2]			
SPLEEN		CARCINOMA	METASTATIC

ANIMAL ID: 265	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD491
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701070

[CARCINOMA TGLS = TGL 10-23, Gross Finding = SPLEEN; CAPSULE; NODULE; TAN; TGL10]			
THYMUS		CARCINOMA	METASTATIC
URINARY BLADDER		HEMORRHAGE	MILD
UTERUS		CYST	
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD
[CYST TGLS = TGL 7-18, Gross Finding = UTERUS; RIGHT; MASS; RED; TGL7]			
CONTRIBUTORY CAUSE OF DEATH	- LUNG; SQUAMOUS CELL CARCINOMA		

ANIMAL ID: 266	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD512
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701071

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	MOTTLED, TGL4
Observation Comment: 5x5x5 mm			
[NODULE TGLS = TGL4]			
LUNG		FOCUS	TAN, TGL3
Observation Comment: multiple, up to 5x2 mm, TGL-3 affects all lobes			
[FOCUS TGLS = TGL3]			
MAMMARY GLAND	LEFT, THORACIC	MASS	TAN, TGL2
	THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 35x30x13 mm			
Observation Comment: 131x87x24 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	CLEAR, TGL5
Observation Comment: 4x4x4 mm			
[CYST TGLS = TGL5]			

ANIMAL ID: 266	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD512
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701071

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	UTERUS
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	CYST	
[CYST TGLS = TGL 4-21, Gross Finding = LIVER; LOBE, LEFT; NODULE; MOTTLED; TGL4]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; TAN; TGL3]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; THORACIC; MASS; MOTTLED; TGL1]			
OVARY		CYST	FOLLICULAR
[CYST TGLS = TGL 5-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL5]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
		HYPERPLASIA	LYMPHOCYTE, MILD

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 267	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD555
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701072

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PARATHYROID GLAND
PHARYNX	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	TAN, TGL4
	LOBE, LEFT	MASS	TAN, TGL5
	LOBE, LEFT	MASS	TAN, TGL2
	LOBE, MEDIAN	MASS	TAN, TGL3
	LOBE, MEDIAN	MASS	TAN, TGL1

Tissue Comment: Greater than 5 masses or nodules present in liver, the largest 5 recorded.
Observation Comment: 10x5x3mm
Observation Comment: 9x5x3mm
Observation Comment: 20x20x15mm
Observation Comment: 15x12x5mm
Observation Comment: 25x17x15mm
[MASS TGLS = TGL4]
[MASS TGLS = TGL5]
[MASS TGLS = TGL2]
[MASS TGLS = TGL3]
[MASS TGLS = TGL1]

LUNG		FOCUS	WHITE, TGL12, 1

Observation Comment: up to 5x5mm; multiple
[FOCUS TGLS = TGL12, 1]

ANIMAL ID: 267	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD555
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701072

LYMPH NODE, MESENTERIC		ENLARGED	TGL14
Observation Comment: 8x6x4mm; found at trim			
[ENLARGED TGLS = TGL14]			
MESENTERY		MASS	TAN, TGL8
Observation Comment: 75x25x15mm			
[MASS TGLS = TGL8]			
NO CORRELATE		TO OBSERVATION / MASS	
PANCREAS		MASS	TAN, TGL7
Observation Comment: 20x15x5mm			
[MASS TGLS = TGL7]			
PERICARDIUM		NODULE	TAN, TGL11
Observation Comment: Tissue NOS = Pericardium; 5x2x2mm			
[NODULE TGLS = TGL11]			
PITUITARY GLAND		ENLARGED	MOTTLED, TGL13
Observation Comment: 5x5x3mm			
[ENLARGED TGLS = TGL13]			
STOMACH	SEROSA	MASS	TAN, TGL6
Observation Comment: 25x20x20mm			
[MASS TGLS = TGL6]			
UTERUS	LEFT	MASS	TAN, TGL9
	RIGHT	MASS	RED, TGL10
Observation Comment: horn; 40x30x25mm; TGL 9 filled with green, thick fluid			
Observation Comment: horn; 25x20x20mm; TGL 10 filled with red fluid			
[MASS TGLS = TGL9]			
[MASS TGLS = TGL10]			

ANIMAL ID: 267	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD555
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701072

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	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
NOSE	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
UTERINE CERVIX	VAGINA		

No Section Present

TRACHEA

OBSERVATIONS

ADRENAL GLAND	CORTEX	NECROSIS	MODERATE
BONE MARROW		HYPERCELLULARITY	MARKED
BRAIN		GLIOSIS	MODERATE
		INFLAMMATION	CHRONIC, MINIMAL
HEART		CARCINOMA	METASTATIC
		CARDIOMYOPATHY	MODERATE

[CARCINOMA TGLS = TGL 11-19, Gross Finding = PERICARDIUM; NODULE; TAN; TGL11]

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		CARCINOMA	METASTATIC
		NECROSIS	MODERATE

Tissue Comment: TGL 1-21, TGL 2-22, TGL 3-20, TGL 4-23, TGL 5-24, TGL 6-25

[CARCINOMA TGLS = TGL6-25, TGL2-22, TGL3-20, TGL4-23, TGL5-24, TGL1-21, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL2]
[CARCINOMA TGLS = TGL6-25, TGL2-22, TGL3-20, TGL4-23, TGL5-24, TGL1-21, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL4]
[CARCINOMA TGLS = TGL6-25, TGL2-22, TGL3-20, TGL4-23, TGL5-24, TGL1-21, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL5]
[CARCINOMA TGLS = TGL6-25, TGL2-22, TGL3-20, TGL4-23, TGL5-24, TGL1-21, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL1]
[CARCINOMA TGLS = TGL6-25, TGL2-22, TGL3-20, TGL4-23, TGL5-24, TGL1-21, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL3]
[CARCINOMA TGLS = TGL6-25, TGL2-22, TGL3-20, TGL4-23, TGL5-24, TGL1-21, Gross Finding = STOMACH; SEROSA; MASS; TAN; TGL6]

LUNG		CARCINOMA	METASTATIC
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

Tissue Comment: TGL 12-7, TGL 12-8

Observation Comment: uterus = primary

ANIMAL ID: 267	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD555
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701072

[CARCINOMA TGLS = TGL12-7, Gross Finding = LUNG; FOCUS; WHITE; TGL12, 1]			
LYMPH NODE, MESENTERIC		CARCINOMA	METASTATIC
Observation Comment: uterus = primary			
[CARCINOMA TGLS = TGL 14-10, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TGL14]			
MAMMARY GLAND	DUCT	DILATION	MILD
MESENTERY		CARCINOMA	METASTATIC
Observation Comment: uterus = primary			
[CARCINOMA TGLS = TGL 8-28, Gross Finding = MESENTERY; MASS; TAN; TGL8]			
OVARY		CARCINOMA	METASTATIC
PANCREAS	ACINUS	CARCINOMA	METASTATIC
[CARCINOMA TGLS = TGL 7-10, Gross Finding = PANCREAS; MASS; TAN; TGL7]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 13-12, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL13]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
URINARY BLADDER	SEROSA	INFLAMMATION	CHRONIC, MILD
UTERUS		ADENOCARCINOMA	
Tissue Comment: TGL 9-18, TGL 9-26, TGL 10-18, TGL 10-27			
[ADENOCARCINOMA TGLS = TGL9-18, TGL10-18, Gross Finding = UTERUS; LEFT; MASS; TAN; TGL9]			
[ADENOCARCINOMA TGLS = TGL9-18, TGL10-18, Gross Finding = UTERUS; RIGHT; MASS; RED; TGL10]			
CONTRIBUTORY CAUSE OF DEATH	- UTERUS; ADENOCARCINOMA		

ANIMAL ID: 268	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701073

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 13x10 mm, TGL2 affects all lung lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 25x15x10 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 268	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701073

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND		ACCESSORY ADRENOCORTICAL NODULE	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
SKIN		FIBROMA	
[FIBROMA TGLS = TGL 1-20, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL1]			
THYROID GLAND	C-CELL	ADENOMA	
UTERUS		ADENOCARCINOMA	
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

ANIMAL ID: 269	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD506
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701074

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	RIGHT	DILATION	TGL2
Observation Comment: 8x8x8 mm, found at trim			
[DILATION TGLS = TGL2]			
LUNG	LOBE, LEFT	MASS	TAN, TGL3
Observation Comment: 6x4x2 mm, found at trim			
[MASS TGLS = TGL3]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	CERVICAL	MASS	TAN, TGL1
Observation Comment: 45x35x25 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 269	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD506
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701074

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	NOSE	OVARY	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	UTERINE CERVIX
VAGINA			

No Section Present

URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MILD
BRAIN	MENINGES	INFLAMMATION	SUPPURATIVE, MILD
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, ILEUM		CARCINOMA	METASTATIC
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MARKED
[DILATION TGLS = TGL 2-9, Gross Finding = KIDNEY; RIGHT; DILATION; TGL2]			
LIVER	CAPSULE	INFLAMMATION	CHRONIC-ACTIVE, MILD
LUNG		CARCINOMA	METASTATIC
Observation Comment: uterus = primary			
[CARCINOMA TGLS = TGL 3-7, Gross Finding = LUNG; LOBE, LEFT; MASS; TAN; TGL3]			
LYMPH NODE, MEDIASTINAL		CARCINOMA	METASTATIC
LYMPH NODE, MESENTERIC		CARCINOMA	METASTATIC
MAMMARY GLAND	DUCT	DILATION	MILD
PANCREAS	ACINUS	CARCINOMA	METASTATIC
Observation Comment: uterus = primary			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = UTERUS; CERVICAL; MASS; TAN; TGL1]			

ANIMAL ID: 269	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD506
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701074

CONTRIBUTORY CAUSE OF DEATH - UTERUS; ADENOCARCINOMA

ANIMAL ID: 270	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD626
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701075

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	CYST	CLEAR, TGL3
	LOBE, MEDIAN	CYST	CLEAR, TGL4
Observation Comment: 8x7x5 mm			
Observation Comment: 3x3x3 mm			
[CYST TGLS = TGL3]			
[CYST TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL6, 1
Observation Comment: multiple, up to 4x4 mm, TGL6 affects all lung lobes			
[FOCUS TGLS = TGL6, 1]			
MAMMARY GLAND	LEFT, INGUINAL	MASS	MOTTLED, TGL1
Observation Comment: 70x50x30 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	DARK, TGL5
Observation Comment: 7x5x5 mm			
[ENLARGED TGLS = TGL5]			
UTERUS	LEFT	MASS	RED, TGL2
Observation Comment: horn, 30x20x20 mm			
[MASS TGLS = TGL2]			

ANIMAL ID: 270	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD626
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701075

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
NOSE	OVARY	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
	CORTEX	NECROSIS	MARKED
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART	VALVE	INFLAMMATION	CHRONIC-ACTIVE, MARKED
	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
		INFLAMMATION	SUPPURATIVE, MARKED
LIVER		CHOLANGIOMA	
Tissue Comment: TGL 3-19, TGL 4-13			
[CHOLANGIOMA TGLS = TGL3-19, TGL4-13, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL3]			
[CHOLANGIOMA TGLS = TGL3-19, TGL4-13, Gross Finding = LIVER; LOBE, MEDIAN; CYST; CLEAR; TGL4]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 6-7, TGL 6-8			
[INFILTRATION CELLULAR TGLS = TGL6-7, Gross Finding = LUNG; FOCUS; WHITE; TGL6, 1]			
LYMPH NODE, MESENTERIC		HEMORRHAGE	MODERATE
MAMMARY GLAND	DUCT	DILATION	MILD
		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-21, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; MOTTLED; TGL1]			

ANIMAL ID: 270	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD626
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701075

PANCREAS	ACINUS	ATROPHY	MARKED
	ACINUS	NECROSIS	MODERATE
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 5-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL5]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS		INFLAMMATION	SUPPURATIVE, MARKED
[INFLAMMATION TGLS = TGL 2-20, Gross Finding = UTERUS; LEFT; MASS; RED; TGL2]			

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 271	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD442
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701076

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ABDOMEN		FLUID	RED, TGL16
Observation Comment: cavity, 50 mLs			
[FLUID TGLS = TGL16]			
ADRENAL GLAND	BILATERAL	DISCOLORATION	MOTTLED, TGL12
[DISCOLORATION TGLS = TGL12]			
KIDNEY	PELVIS, LEFT	DILATION	TGL14
	PELVIS, RIGHT	DILATION	TGL15
Observation Comment: 5 mm dia			
[DILATION TGLS = TGL14]			
[DILATION TGLS = TGL15]			
LIVER	CAUDATE LOBE	MASS	TAN, TGL6
	LOBE, LEFT	MASS	WHITE, TGL2, 1
	LOBE, MEDIAN	MASS	TAN, TGL5
	LOBE, MEDIAN	MASS	TAN, TGL4
	RIGHT	MASS	TAN, TGL7
	RIGHT	NODULE	WHITE, TGL18, 1

Tissue Comment: Additional liver masses/nodules present in all lobes. Fiver largest recorded. Trimmer inadvertently added sixth lesion. Comment transcribed exactly as stated on IANR
Observation Comment: 7x5x5 mm
Observation Comment: 10x6x6 mm
Observation Comment: 6x5x5 mm

ANIMAL ID: 271	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD442
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701076

Observation Comment: 12x5x5 mm			
Observation Comment: anterior, 10x5x5 mm			
Observation Comment: posterior, up to 5x3x2 mm, multiple			
[MASS TGLS = TGL6]			
[MASS TGLS = TGL2, 1]			
[MASS TGLS = TGL5]			
[MASS TGLS = TGL4]			
[MASS TGLS = TGL7]			
[NODULE TGLS = TGL18, 1]			
LYMPH NODE, AXILLARY		ENLARGED	PALE, TGL8
Observation Comment: 4x			
[ENLARGED TGLS = TGL8]			
LYMPH NODE, MEDIASTINAL		ENLARGED	TGL13
Observation Comment: 2x			
[ENLARGED TGLS = TGL13]			
MAMMARY GLAND	LEFT, INGUINAL	MASS	TAN, TGL17
Observation Comment: 27x7x5 mm, found at trim			
[MASS TGLS = TGL17]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	CLEAR, TGL10
	LEFT	MASS	TAN, TGL11
Observation Comment: 10 mm dia			
Observation Comment: 6x2x2 mm			
[CYST TGLS = TGL10]			
[MASS TGLS = TGL11]			
SKELETAL MUSCLE	ABDOMINAL	MASS	MOTTLED, TGL3
	LEFT, HINDLIMB	MASS	PALE, TGL9
Observation Comment: 60x57x30 mm, TGL3 accounted for abdominal distension			
Observation Comment: 30x20x10 mm, TGL9 = multinodular			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL9]			
UTERUS	LEFT	MASS	TAN, TGL1
Observation Comment: horn, 40x24x10 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 271	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD442
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701076

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND		ADENOCARCINOMA	METASTATIC
[ADENOCARCINOMA TGLS = TGL 12-12, Gross Finding = ADRENAL GLAND; BILATERAL; DISCOLORATION; MOTTLED; TGL12]			
BRAIN		GLIOMA	
KIDNEY		ADENOCARCINOMA	METASTATIC
	PELVIS	DILATION	MILD
Observation Comment: uterus = primary			
Tissue Comment: TGL 14-9, TGL 15-9			
[DILATION TGLS = TGL15-9, TGL14-9, Gross Finding = KIDNEY; PELVIS, LEFT; DILATION; TGL14]			
[DILATION TGLS = TGL15-9, TGL14-9, Gross Finding = KIDNEY; PELVIS, RIGHT; DILATION; TGL15]			
LIVER		ADENOCARCINOMA	METASTATIC
Tissue Comment: TGL 2-20, TGL 4-13, TGL 5-13, TGL 6-24, TGL 18-23, TGL 7-25			
[ADENOCARCINOMA TGLS = TGL2-20, TGL7-25, TGL18-23, TGL6-24, TGL5-13, TGL4-13, Gross Finding = LIVER; CAUDATE LOBE; MASS; TAN; TGL6]			
[ADENOCARCINOMA TGLS = TGL2-20, TGL7-25, TGL18-23, TGL6-24, TGL5-13, TGL4-13, Gross Finding = LIVER; LOBE, LEFT; MASS; WHITE; TGL2, 1]			
[ADENOCARCINOMA TGLS = TGL2-20, TGL7-25, TGL18-23, TGL6-24, TGL5-13, TGL4-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL4]			
[ADENOCARCINOMA TGLS = TGL2-20, TGL7-25, TGL18-23, TGL6-24, TGL5-13, TGL4-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL5]			
[ADENOCARCINOMA TGLS = TGL2-20, TGL7-25, TGL18-23, TGL6-24, TGL5-13, TGL4-13, Gross Finding = LIVER; RIGHT; MASS; TAN; TGL7]			
[ADENOCARCINOMA TGLS = TGL2-20, TGL7-25, TGL18-23, TGL6-24, TGL5-13, TGL4-13, Gross Finding = LIVER; RIGHT; NODULE; WHITE; TGL18, 1]			
LUNG		ADENOCARCINOMA	METASTATIC
LYMPH NODE	AXILLARY	ADENOCARCINOMA	METASTATIC
[ADENOCARCINOMA TGLS = TGL 8-26, Gross Finding = LYMPH NODE, AXILLARY; ENLARGED; PALE; TGL8]			
LYMPH NODE, MEDIASTINAL		ADENOCARCINOMA	METASTATIC

ANIMAL ID: 271	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD442
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701076

[ADENOCARCINOMA TGLS = TGL 13-7, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TGL13]		
MAMMARY GLAND	ADENOCARCINOMA	METASTATIC
[ADENOCARCINOMA TGLS = TGL 17-16]		
MESENTERY	ADENOCARCINOMA	METASTATIC
OVARY	ADENOCARCINOMA	METASTATIC
	CYST	BURSAL
Tissue Comment: TGL 11-15, TGL 10-15		
[ADENOCARCINOMA TGLS = TGL11-15, TGL10-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL10]		
[ADENOCARCINOMA TGLS = TGL11-15, TGL10-15, Gross Finding = OVARY; LEFT; MASS; TAN; TGL11]		
[CYST TGLS = TGL10-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL10]		
SKELETAL MUSCLE	ADENOCARCINOMA	METASTATIC
Tissue Comment: TGL 9-22, TGL 3-21		
[ADENOCARCINOMA TGLS = TGL3-21, TGL9-22, Gross Finding = SKELETAL MUSCLE; ABDOMINAL; MASS; MOTTLED; TGL3]		
[ADENOCARCINOMA TGLS = TGL3-21, TGL9-22, Gross Finding = SKELETAL MUSCLE; LEFT, HINDLIMB; MASS; PALE; TGL9]		
SKIN		
Tissue Comment: TGL 17-16		
SPLEEN	EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
THYMUS	ATROPHY	MARKED
UTERUS	ADENOCARCINOMA	
Tissue Comment: TGL 1-17, TGL 1-18, TGL 1-19		
[ADENOCARCINOMA TGLS = TGL1-17, Gross Finding = UTERUS; LEFT; MASS; TAN; TGL1]		

CONTRIBUTORY CAUSE OF DEATH - UTERUS; ADENOCARCINOMA

ANIMAL ID: 272	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD713
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701077

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	CYST	CLEAR, TWO, TGL5, 2
	LOBE, MEDIAN	CYST	CLEAR, TGL4
Observation Comment: up to 3x3x3 mm			
Observation Comment: 8x8x8 mm			
[CYST TGLS = TGL5, 2]			
[CYST TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL6, 1
Observation Comment: multiple, up to 3x3 mm, TGL-6 all lobes affected			
[FOCUS TGLS = TGL6, 1]			
LYMPH NODE, MANDIBULAR		ENLARGED	PALE, TGL1
Observation Comment: 4x			
[ENLARGED TGLS = TGL1]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	TAN, TGL2
	RIGHT, THORACIC	MASS	TAN, TGL3
Observation Comment: 15x15x10 mm			
Observation Comment: 15x10x10 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 272	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD713
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701077

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MINIMAL
BRAIN		INFLAMMATION	CHRONIC, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CHOLANGIOMA	
	BILE DUCT	HYPERPLASIA	MINIMAL
Tissue Comment: TGL 4-21, TGL 5-21			
[CHOLANGIOMA TGLS = TGL4-21, TGL5-21, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR, TWO; TGL5, 2]			
[CHOLANGIOMA TGLS = TGL4-21, TGL5-21, Gross Finding = LIVER; LOBE, MEDIAN; CYST; CLEAR; TGL4]			
[HYPERPLASIA TGLS = TGL5-21, TGL4-21, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR, TWO; TGL5, 2]			
[HYPERPLASIA TGLS = TGL5-21, TGL4-21, Gross Finding = LIVER; LOBE, MEDIAN; CYST; CLEAR; TGL4]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 6-7, TGL 6-8			
[INFILTRATION CELLULAR TGLS = TGL6-7, Gross Finding = LUNG; FOCUS; WHITE; TGL6, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MODERATE
[HYPERPLASIA TGLS = TGL 1-13, Gross Finding = LYMPH NODE, MANDIBULAR; ENLARGED; PALE; TGL1]			
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 2-19, TGL 3-20			
[FIBROADENOMA TGLS = TGL3-20, TGL2-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL3-20, TGL2-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; TAN; TGL3]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SPLEEN	WHITE PULP	ATROPHY	MODERATE

ANIMAL ID: 272	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD713
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701077
	RED PULP	PIGMENT		INCREASED, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA		CYSTIC, MODERATE
		INFLAMMATION		SUPPURATIVE, MILD
VAGINA		INFLAMMATION		SUPPURATIVE, MILD
PRIMARY CAUSE OF DEATH	- UNDETERMINED			
CONTRIBUTORY CAUSE OF DEATH	- BRAIN; INFLAMMATION; CHRONIC			

ANIMAL ID: 273	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD522
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701078

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 4x3 mm, TGL3 = all lobes		
[FOCUS TGLS = TGL3, 1]		
NO CORRELATE	TO OBSERVATION / MASS	
PANCREAS	NODULE	TAN, TGL2
Observation Comment: multiple, up to 3x3x3 mm		
[NODULE TGLS = TGL2]		
UTERUS	MASS	MOTTLED, TGL1
Observation Comment: body, 70x70x35 mm, TGL1 = involves both horns and cervix		
[MASS TGLS = TGL1]		

ANIMAL ID: 273	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD522
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701078

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	NOSE	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TRACHEA	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, BRONCHIAL	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	MALIGNANT
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		ADENOCARCINOMA	METASTATIC
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
Tissue Comment: TGL 3-7, TGL 3-8			
Observation Comment: mammary gland = primary			
[ADENOCARCINOMA TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
LYMPH NODE, MEDIASTINAL		ADENOCARCINOMA	METASTATIC
		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	
MESENTERY		ADENOCARCINOMA	METASTATIC
OVARY		ADENOCARCINOMA	METASTATIC
PANCREAS	ACINUS	ADENOCARCINOMA	METASTATIC
[ADENOCARCINOMA TGLS = TGL 2-10, Gross Finding = PANCREAS; NODULE; TAN; TGL2]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
THYMUS		ATROPHY	MARKED
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 273	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD522
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701078

UTERUS	ADENOCARCINOMA

[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = UTERUS; MASS; MOTTLED; TGL1]

ANIMAL ID: 274	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701079

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 5x3 mm, TGL3 affects all lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	RIGHT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 80x65x40 mm, TGL1 is ulcerated, TGL1 taken for Mol bio			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	RED, TGL2
Observation Comment: 18x5x3 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 274	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701079

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LYMPH NODE, MEDIASTINAL	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	UTERUS
VAGINA			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
BRAIN		GLIOMA	
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	CARCINOMA	
[CARCINOMA TGLS = TGL 2-12, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL2]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD

ANIMAL ID: 275	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701080

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

ANIMAL ID: 275	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701080

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	OVARY	PANCREAS
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL	PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

ANIMAL ID: 276	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD675
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701081

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL1, 1
Observation Comment: multiple, up to 5x5 mm, TGL1 affects all lung lobes			
[FOCUS TGLS = TGL1, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	TAN, TGL3
	RIGHT, ABDOMINAL	MASS	TAN, TGL2
Observation Comment: 60x60x40 mm			
Observation Comment: 95x80x50 mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 276	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD675
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701081

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
LUNG		FOREIGN BODY	
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 2-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; TAN; TGL2]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 3-20, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; TAN; TGL3]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
UTERUS	ENDOMETRIUM	HYPERPLASIA	STROMAL, MARKED

CONTRIBUTORY CAUSE OF DEATH - SKIN; FIBROSARCOMA

ANIMAL ID: 277	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD387
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701082

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	VAGINA	ZYMBALS GLAND

OBSERVATIONS

HEART	SEPTUM	MASS	TAN, TGL6
Observation Comment: 3x2x1 mm, found at trim			
[MASS TGLS = TGL6]			
LIVER	LOBE, MEDIAN	ADHESION	TGL5
Observation Comment: TGL5 is adhered to left liver lobe			
[ADHESION TGLS = TGL5]			
LYMPH NODE	RIGHT, INGUINAL	ENLARGED	TAN, TGL4
Observation Comment: 6x			
[ENLARGED TGLS = TGL4]			
OVARY	RIGHT	CYST	CLEAR, TGL3
Observation Comment: 6 mm diameter			
[CYST TGLS = TGL3]			
UTERUS	BILATERAL	ACCUMULATION	RED, TGL2
	BILATERAL	DILATION	TGL1
Observation Comment: horns, ~10 mL, TGL2 is consistent with hemorrhage and mucus			
Observation Comment: horns, up to 15 mm diameter, TGL1 both horns adhered to body wall			
[ACCUMULATION TGLS = TGL2]			
[DILATION TGLS = TGL1]			

ANIMAL ID: 277	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD387
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701082

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

Autolysis Precludes Examination

SPLEEN

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MODERATE
HEART	MYOCARDIUM	INFLAMMATION	SUPPURATIVE, MARKED
[INFLAMMATION TGLS = TGL 6-11, Gross Finding = HEART; SEPTUM; MASS; TAN; TGL6]			
LIVER	CAPSULE	FIBROSIS	MILD
[FIBROSIS TGLS = TGL 5-13, Gross Finding = LIVER; LOBE, MEDIAN; ADHESION; TGL5]			
LUNG		EDEMA	MARKED
		HEMORRHAGE	MILD
	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MILD
LYMPH NODE	INGUINAL	INFLAMMATION	SUPPURATIVE, MARKED
[INFLAMMATION TGLS = TGL 4-19, Gross Finding = LYMPH NODE; RIGHT, INGUINAL; ENLARGED; TAN; TGL4]			
OVARY		CYST	BURSAL
[CYST TGLS = TGL 3-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL3]			
UTERUS		INFLAMMATION	SUPPURATIVE, MARKED
Tissue Comment: TGL 1-17, TGL 1-18			
[INFLAMMATION TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; DILATION; TGL1]			

CONTRIBUTORY CAUSE OF DEATH - HEART; INFLAMMATION; MYOCARDIUM; SUPPURATIVE

ANIMAL ID: 278	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD712
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701083

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	TAN, TGL5
Observation Comment: multiple, up to 15x7 mm, TGL-5 affects all lobes			
[FOCUS TGLS = TGL5]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
	RIGHT, AXILLARY	MASS	TAN, TGL3
	RIGHT, INGUINAL	MASS	TAN, TGL2
Observation Comment: 110x110x50 mm, TGL1 = ulcerated			
Observation Comment: 40x35x15 mm			
Observation Comment: 30x20x10 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
MESENTERY		NODULE	GREEN, TGL4
Observation Comment: fat, 37x14x2 mm			
[NODULE TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 278	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD712
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701083

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	UTERINE CERVIX	VAGINA

Insufficient Tissue

URINARY BLADDER

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MARKED
CLITORAL GLAND		INFLAMMATION	ACUTE, MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	CENTRILOBULAR, HEPATOCYTE	DEGENERATION	MILD
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; TAN; TGL5]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MODERATE
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL3]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; TAN; TGL2]			
MESENTERY		NO CORRESPONDING LESION	
Tissue Comment: Autolysis Precludes Examination			
[NO CORRESPONDING LESION TGLS = TGL4, Gross Finding = MESENTERY; NODULE; GREEN; TGL4]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD

ANIMAL ID: 278	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD712
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701083

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	STROMAL, MODERATE
		INFLAMMATION	SUPPURATIVE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 279	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701084

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	LOBE, LEFT	CYST	CLEAR, FOUR, 1, TGL3
	LOBE, MEDIAN	CYST	CLEAR, TWO, TGL2, 2
Observation Comment: 1x1x1 mm			
Observation Comment: 3x3x2 mm			
[CYST TGLS = 1, TGL3]			
[CYST TGLS = TGL2, 2]			
LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple, up to 9x5 mm, TGL4 affects all lobes			
[FOCUS TGLS = TGL4, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 12x10x10 mm, TGL1 contains thick white fluid			
[MASS TGLS = TGL1]			

ANIMAL ID: 279	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701084

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MEDIASTINAL	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CHOLANGIOMA	
		CLEAR CELL FOCUS	
		FATTY CHANGE	FOCAL, MINIMAL
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL

Tissue Comment: TGL 2-21, TGL 3-21

[CHOLANGIOMA TGLS = TGL2-21, TGL3-21, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR, FOUR; 1, TGL3]

[CHOLANGIOMA TGLS = TGL2-21, TGL3-21, Gross Finding = LIVER; LOBE, MEDIAN; CYST; CLEAR, TWO; TGL2, 2]

LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

Tissue Comment: TGL 4-7, TGL 4-8

[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]

LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MILD
		HYPERPLASIA	PLASMA CELL, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		INFLAMMATION	CHRONIC-ACTIVE, MODERATE

[INFLAMMATION TGLS = TGL 1-20, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL1]

PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL

ANIMAL ID: 279	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701084

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MARKED

ANIMAL ID: 280	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD574
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701085

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG	LOBE, LEFT	FOCUS	WHITE, TGL3, 1
Observation Comment: up to 2x2 mm			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	CERVICAL	MASS	MOTTLED, TGL1
Observation Comment: 40x35x15 mm			
[MASS TGLS = TGL1]			
UTERUS	BILATERAL	DILATION	DARK, TGL2
Observation Comment: horns, 60x15x15 mm			
[DILATION TGLS = TGL2]			

ANIMAL ID: 280	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD574
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701085

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		NECROSIS	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGl 3-7			
[INFILTRATION CELLULAR TGLS = TGL 3-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; CERVICAL; MASS; MOTTLED; TGL1]			
UTERUS		HEMORRHAGE	MODERATE
		INFLAMMATION	SUPPURATIVE, MODERATE
[INFLAMMATION TGLS = TGL 2-18, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL2]			

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- UTERUS; INFLAMMATION; SUPPURATIVE

ANIMAL ID: 281	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD630
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701086

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - RIGHT	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	MASS	WHITE, TGL5, 1
Observation Comment: 8x6x4 mm			
[MASS TGLS = TGL5, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	MOTTLED, TGL3
	LEFT, INGUINAL	MASS	MOTTLED, TGL1
	RIGHT, AXILLARY	MASS	RED, TGL2
Observation Comment: 45x38x11 mm			
Observation Comment: 50x35x15 mm			
Observation Comment: 20x15x10 mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	RIGHT	NODULE	RED, TGL4
Observation Comment: horn, 5x5x5 mm			
[NODULE TGLS = TGL4]			

ANIMAL ID: 281	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD630
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701086

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX	ANGIECTASIS	MODERATE
	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MINIMAL
BONE MARROW		HYPERCELLULARITY	MARKED
HEART	VALVE	INFLAMMATION	SUPPURATIVE, MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
		INFLAMMATION	SUPPURATIVE, MARKED
[INFLAMMATION TGLS = TGL 5-9, Gross Finding = KIDNEY; LEFT; MASS; WHITE; TGL5, 1]			
MAMMARY GLAND		FIBROADENOMA	
		INFLAMMATION	SUPPURATIVE, MARKED
Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21			
[FIBROADENOMA TGLS = TGL3-21, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; MOTTLED; TGL3]			
[FIBROADENOMA TGLS = TGL3-21, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; MOTTLED; TGL1]			
[INFLAMMATION TGLS = TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; RED; TGL2]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
	ENDOMETRIUM	HYPERPLASIA	STROMAL, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD
		THROMBUS	
[THROMBUS TGLS = TGL 4-18, Gross Finding = UTERUS; RIGHT; NODULE; RED; TGL4]			

ANIMAL ID: 281	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD630
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701086

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- HEART; INFLAMMATION; VALVE; SUPPURATIVE

ANIMAL ID: 282	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD544
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701087

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA		

OBSERVATIONS

LUNG		FOCUS	DIFFUSE, WHITE, TGL1, 2
Observation Comment: up to 3mm x 3mm, TGL1 = all lobes affected			
[FOCUS TGLS = TGL1, 2]			
NO CORRELATE		TO OBSERVATION / MASS	
ZYMBALS GLAND	RIGHT	MASS	TAN, TGL2
Observation Comment: 28x25x25 mm, TGL2 = ulcerated, caseous			
[MASS TGLS = TGL2]			

ANIMAL ID: 282	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD544
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701087

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LARYNX		FOREIGN BODY	
LIVER	CENTRILOBULAR, HEPATOCYTE	DEGENERATION	MINIMAL
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; DIFFUSE, WHITE; TGL1, 2]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
		HYPERPLASIA	LYMPHOCYTE, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL
ZYMBAL'S GLAND		CARCINOMA	
[CARCINOMA TGLS = TGL 2-19, Gross Finding = ZYMBALS GLAND; RIGHT; MASS; TAN; TGL2]			

CONTRIBUTORY CAUSE OF DEATH	- ZYMBAL'S GLAND; CARCINOMA

ANIMAL ID: 283	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701088

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 12x7 mm, TGL2 affects all lung lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	MOTTLED, TGL1
Observation Comment: 55x50x25 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 283	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701088

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		BASOPHILIC FOCUS	
		CLEAR CELL FOCUS	
	BILE DUCT	CYST	
		EOSINOPHILIC FOCUS	MULTIPLE
	CAPSULE	FIBROSIS	MINIMAL
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-20, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; MOTTLED; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
		HYPERPLASIA	LYMPHOCYTE, MILD
THYROID GLAND	C-CELL	ADENOMA	
UTERUS		ADENOCARCINOMA	

ANIMAL ID: 284	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701089

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 25x9 mm, TGL2 = all lobes affected			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 25x20x20 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 284	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701089

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-21, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL1]			
STOMACH, GLANDULAR		MINERAL	MINIMAL
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	STROMAL, MILD
		INFLAMMATION	SUPPURATIVE, MILD

ANIMAL ID: 285	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD698
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701090

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple, 30x25 mm, TGL5 affects all lobes.			
[FOCUS TGLS = TGL5, 1]			
LYMPH NODE, MANDIBULAR		ENLARGED	TAN, TGL8
Observation Comment: 5x			
[ENLARGED TGLS = TGL8]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL1
	LEFT, INGUINAL	MASS	TAN, TGL4
	RIGHT, AXILLARY	MASS	TAN, TGL2
	RIGHT, AXILLARY	MASS	TAN, TGL3
Tissue Comment: TGL1, TGL2, TGL3 are located in axillary region, not abdomen.			
Observation Comment: 60x60x27 mm, TGL1 is ulcerated			
Observation Comment: 23x20x5 mm			
Observation Comment: 50x45x16 mm, TGL2 is ulcerated			
Observation Comment: 35x28x8 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL4]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			

ANIMAL ID: 285	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD698
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701090

PITUITARY GLAND		FOCUS	RED, TGL6
Observation Comment: 3x2 mm			
[FOCUS TGLS = TGL6]			
UTERUS	RIGHT	MASS	TGL7
Observation Comment: horn, 10x7x4 mm			
[MASS TGLS = TGL7]			

ANIMAL ID: 285	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD698
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701090

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	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	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
BRAIN		GLIOMA	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		EXTRAMEDULLARY HEMATOPOIESIS	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
MAMMARY GLAND		ADENOCARCINOMA	
	DUCT	DILATION	MARKED
		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21, TGL 4-22, TGL 8-23			
[ADENOCARCINOMA TGLS = TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL2]			
[DILATION TGLS = TGL8-23, Gross Finding = LYMPH NODE, MANDIBULAR; ENLARGED; TAN; TGL8]			
[FIBROADENOMA TGLS = TGL4-22, TGL3-21, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL1]			
[FIBROADENOMA TGLS = TGL4-22, TGL3-21, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; TAN; TGL4]			
[FIBROADENOMA TGLS = TGL4-22, TGL3-21, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL3]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
[HYPERPLASIA TGLS = TGL 6-12, Gross Finding = PITUITARY GLAND; FOCUS; RED; TGL6]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 285	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD698
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701090

	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL
		POLYP	STROMAL

[POLYP TGLS = TGL 7-18, Gross Finding = UTERUS; RIGHT; MASS; TGL7]

CONTRIBUTORY CAUSE OF DEATH - BRAIN; GLIOMA

ANIMAL ID: 286	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701091

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	CAUDATE LOBE	CYST	CLEAR, TGL7
	LOBE, LEFT	CYST	CLEAR, TGL5
	LOBE, LEFT	CYST	CLEAR, TGL4
	LOBE, MEDIAN	CYST	CLEAR, TGL6
	RIGHT	CYST	CLEAR, TGL8
	RIGHT	CYST	CLEAR, TGL9

Observation Comment: 19x15x7 mm
Observation Comment: 13x12x2 mm
Observation Comment: 13x10x7 mm
Observation Comment: 6x5x5 mm
Observation Comment: anterior, 9x8x8 mm
Observation Comment: anterior, 6x5x4 mm
[CYST TGLS = TGL7]
[CYST TGLS = TGL5]
[CYST TGLS = TGL4]
[CYST TGLS = TGL6]
[CYST TGLS = TGL8]
[CYST TGLS = TGL9]

ANIMAL ID: 286	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701091

LUNG		FOCUS	WHITE, TGL10, 1
Observation Comment: multiple, up to 13x10 mm, TGL10 affects all lobes			
[FOCUS TGLS = TGL10, 1]			
MAMMARY GLAND	LEFT, ABDOMINAL	MASS	TAN, TGL2
	LEFT, THORACIC	MASS	TAN, TGL1
	RIGHT, AXILLARY	MASS	TAN, TGL3
Observation Comment: 60x50x30 mm			
Observation Comment: 70x60x30 mm, TGL1 taken for Mol bio			
Observation Comment: 15x15x10 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL3]			

ANIMAL ID: 286	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701091

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CHOLANGIOMA	

Tissue Comment: TGL 4-13, TGl 5-22, TGL 6-13, TGL 7-23, TGL 8-24, TGL 9-24

[CHOLANGIOMA TGLS = TGL4-13, TGL8-24, TGL7-23, TGL9-24, TGL5-22, TGL6-13, Gross Finding = LIVER; CAUDATE LOBE; CYST; CLEAR; TGL7]
[CHOLANGIOMA TGLS = TGL4-13, TGL8-24, TGL7-23, TGL9-24, TGL5-22, TGL6-13, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL4]
[CHOLANGIOMA TGLS = TGL4-13, TGL8-24, TGL7-23, TGL9-24, TGL5-22, TGL6-13, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL5]
[CHOLANGIOMA TGLS = TGL4-13, TGL8-24, TGL7-23, TGL9-24, TGL5-22, TGL6-13, Gross Finding = LIVER; LOBE, MEDIAN; CYST; CLEAR; TGL6]
[CHOLANGIOMA TGLS = TGL4-13, TGL8-24, TGL7-23, TGL9-24, TGL5-22, TGL6-13, Gross Finding = LIVER; RIGHT; CYST; CLEAR; TGL8]
[CHOLANGIOMA TGLS = TGL4-13, TGL8-24, TGL7-23, TGL9-24, TGL5-22, TGL6-13, Gross Finding = LIVER; RIGHT; CYST; CLEAR; TGL9]

LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE

Tissue Comment: TGL 10-7, TGL 10-8

[INFILTRATION CELLULAR TGLS = TGL10-7, Gross Finding = LUNG; FOCUS; WHITE; TGL10, 1]

MAMMARY GLAND		FIBROADENOMA	

Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21

[FIBROADENOMA TGLS = TGL3-21, TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, ABDOMINAL; MASS; TAN; TGL2]
[FIBROADENOMA TGLS = TGL3-21, TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; TAN; TGL1]
[FIBROADENOMA TGLS = TGL3-21, TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL3]

OVARY		CYST	FOLLICULAR
PITUITARY GLAND	PARS DISTALIS	ADENOMA	

ANIMAL ID: 286	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701091

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 287	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD639
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701092

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple, up to 4x3 mm, TGL4 affects all lung lobes			
[FOCUS TGLS = TGL4, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL2
	LEFT, INGUINAL	MASS	MOTTLED, TGL1
Observation Comment: 45x35x20 mm			
Observation Comment: 75x70x30 mm, TGL1 = ulcerated			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
OVARY	LEFT	CYST	CLEAR, TGL3
Observation Comment: 4x3x2 mm			
[CYST TGLS = TGL3]			

ANIMAL ID: 287	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD639
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701092

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
NOSE	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

BRAIN		INFLAMMATION	ACUTE, MULTIFOCAL, MILD
	MENINGES	THROMBUS	
HEART		INFLAMMATION	ACUTE, MULTIFOCAL, MODERATE
KIDNEY		INFLAMMATION	SUPPURATIVE, MODERATE
LIVER		INFLAMMATION	SUPPURATIVE, MODERATE
		NECROSIS	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
		INFLAMMATION	SUPPURATIVE, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	PLASMA CELL, MILD
		INFILTRATION CELLULAR	HISTIOCYTE, MILD
LYMPH NODE, MESENTERIC		HEMORRHAGE	MILD
		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; MOTTLED; TGL1]			
OVARY		CYST	BURSAL
[CYST TGLS = TGL 3-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL3]			
PANCREAS	ACINUS	INFLAMMATION	ACUTE, MULTIFOCAL, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL

ANIMAL ID: 287	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD639
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701092

SPLEEN	EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
STOMACH, GLANDULAR	INFLAMMATION	SUPPURATIVE, MODERATE
UTERUS	INFLAMMATION	SUPPURATIVE, MARKED
	THROMBUS	

CONTRIBUTORY CAUSE OF DEATH - LIVER; INFLAMMATION; SUPPURATIVE

ANIMAL ID: 288	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701093

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL2
	LEFT, INGUINAL	MASS	TAN, TGL5
	RIGHT, AXILLARY	MASS	TAN, TGL4
	RIGHT, CERVICAL	MASS	MOTTLED, TGL1
	THORACIC	MASS	TAN, TGL3

Tissue Comment: Greater than 5 masses present in mammary gland, largest 5 recorded
Observation Comment: 45x45x30 mm, TGL2 is ulcerated
Observation Comment: 25x20x20 mm
Observation Comment: 25x25x12 mm
Observation Comment: 55x50x25 mm, TGL1 taken for Mol Bio
Observation Comment: 80x50x35 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL5]
[MASS TGLS = TGL4]
[MASS TGLS = TGL1]
[MASS TGLS = TGL3]

PITUITARY GLAND		ENLARGED	TAN, TGL6

Observation Comment: 5x5x3 mm

ANIMAL ID: 288	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701093

[ENLARGED TGLS = TGL6]

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
UTERUS	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		CLEAR CELL FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
MAMMARY GLAND		FIBROADENOMA	

Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21, TGL 4-22, TGL 5-23

[FIBROADENOMA TGLS = TGL5-23, TGL4-22, TGL2-20, TGL3-21, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL2]

[FIBROADENOMA TGLS = TGL5-23, TGL4-22, TGL2-20, TGL3-21, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; TAN; TGL5]

[FIBROADENOMA TGLS = TGL5-23, TGL4-22, TGL2-20, TGL3-21, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL4]

[FIBROADENOMA TGLS = TGL5-23, TGL4-22, TGL2-20, TGL3-21, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, CERVICAL; MASS; MOTTLED; TGL1]

[FIBROADENOMA TGLS = TGL5-23, TGL4-22, TGL2-20, TGL3-21, TGL1-19, Gross Finding = MAMMARY GLAND; THORACIC; MASS; TAN; TGL3]

PITUITARY GLAND	PARS DISTALIS	ADENOMA

[ADENOMA TGLS = TGL 6-12, Gross Finding = PITUITARY GLAND; ENLARGED; TAN; TGL6]

ANIMAL ID: 289	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD543
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701094

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 2x2 mm, TGL3 = involves all lobes			
[FOCUS TGLS = TGL3, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
SKIN		CRUST	BROWN, TGL1
Observation Comment: multiple, up to 2x2 mm, TGL1 = disseminated all over body			
[CRUST TGLS = TGL1]			
UTERUS	BILATERAL	DILATION	DARK, TGL2
Observation Comment: horn, 8x8x8 mm			
[DILATION TGLS = TGL2]			

ANIMAL ID: 289	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD543
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701094

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL	THYMUS

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	DIFFUSE, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		NECROSIS	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SKIN		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-19, Gross Finding = SKIN; CRUST; BROWN; TGL1]			
UTERUS		HEMORRHAGE	MILD
		INFLAMMATION	SUPPURATIVE, MARKED
		NO CORRESPONDING LESION	
		THROMBUS	
[NO CORRESPONDING LESION TGLS = TGL 2-18, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL2]			

CONTRIBUTORY CAUSE OF DEATH	- UTERUS; INFLAMMATION; SUPPURATIVE

ANIMAL ID: 290	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD449
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701095

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 4x4 mm, TGL2 = all lobes affected, found at trim			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	RED, TGL1
Observation Comment: 70x45x30 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			

ANIMAL ID: 290	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD449
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701095

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	UTERUS
VAGINA			

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MODERATE
LARYNX		FOREIGN BODY	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; RED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 291	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701096

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

BONE	LEFT, HINDLIMB	THICK	RED, TGL2
Observation Comment: 1.25x			
[THICK TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 7x3 mm, TGL3 affects all lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 110x90x55 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 291	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701096

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MILD
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 3-7, TGL 3-8			
[INFLAMMATION TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; ABDOMINAL; MASS; MOTTLED; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SKIN	EPITHELIUM	HYPERPLASIA	MILD
		INFLAMMATION	CHRONIC-ACTIVE, MILD
[HYPERPLASIA TGLS = TGL 2-20, Gross Finding = BONE; LEFT, HINDLIMB; THICK; RED; TGL2]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 292	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD612
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701097

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, MEDIAN	CYST	CLEAR, TGL1
Observation Comment: 5x3x2 mm			
[CYST TGLS = TGL1]			
SKIN	RIGHT, HINDLIMB	ACCUMULATION	RED, TGL2
Observation Comment: 2mL, TGL2 = swelling of hind paw with edema in subcutaneous tissue.			
[ACCUMULATION TGLS = TGL2]			

ANIMAL ID: 292	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD612
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701097

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	OVARY
PANCREAS	SALIVARY GLAND	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

LYMPH NODE, BRONCHIAL	PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LARYNX		FOREIGN BODY	
LIVER		CHOLANGIOMA	
[CHOLANGIOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, MEDIAN; CYST; CLEAR; TGL1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR	SINUS, LYMPHATIC	DILATION	MODERATE
		HYPERPLASIA	PLASMA CELL, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SKIN		EDEMA	MARKED
		HEMORRHAGE	MILD
		INFLAMMATION	CHRONIC-ACTIVE, MILD
[INFLAMMATION TGLS = TGL 2-19, Gross Finding = SKIN; RIGHT, HINDLIMB; ACCUMULATION; RED; TGL2]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

CONTRIBUTORY CAUSE OF DEATH	- SKIN; INFLAMMATION; CHRONIC-ACTIVE

ANIMAL ID: 293	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701098

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 3x3 mm, TGL2 affects all lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	TAN, TGL1
Observation Comment: 20x20x10 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 293	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701098

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

Insufficient Tissue

UTERUS

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-21, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; TAN; TGL1]			
OVARY		CYST	FOLLICULAR
		PIGMENT	MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MILD
	RED PULP	PIGMENT	INCREASED, MILD
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
THYROID GLAND	C-CELL	ADENOMA	

ANIMAL ID: 294	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD390
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701099

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

UTERUS	BILATERAL	DILATION	RED, TGL1

Observation Comment: horns, 12 mm dia, TGL-1 contains red fluid and debris, accounts for clinical observation of discharge
[DILATION TGLS = TGL1]

ANIMAL ID: 294	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD390
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701099

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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 GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

LIVER	INFILTRATION CELLULAR	MIXED, MINIMAL
UTERUS	HEMORRHAGE	MILD
	INFLAMMATION	CHRONIC-ACTIVE, MODERATE

Tissue Comment: TGL 1-17, TGL 1-18

[INFLAMMATION TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL1]

CONTRIBUTORY CAUSE OF DEATH - UTERUS; INFLAMMATION; CHRONIC-ACTIVE

ANIMAL ID: 295	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD682
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701100

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

CERVIX		MASS	RED
Tissue Comment: Recorded as "uterus, cervix, mass, red" for TGL1 on IANR.			
Observation Comment: 70x65x35 mm, TGL1 is necrotic, mottle brown and red with fluid centrally			
LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 4x4 mm, TGL2 affects all lobes			
[FOCUS TGLS = TGL2, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	CERVICAL	MASS	RED, TGL1
Observation Comment: 70x65x35 mm, TGL1 is necrotic, mottle brown and red with fluid centrally			
[MASS TGLS = TGL1]			

ANIMAL ID: 295	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD682
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701100

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	UTERINE CERVIX
VAGINA			

No Section Present

URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MINIMAL
BONE MARROW		HYPERCELLULARITY	MODERATE
INTESTINE, SMALL, JEJUNUM		INFLAMMATION	SUPPURATIVE, MILD
KIDNEY		CALCULUS	
		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PELVIS, BILATERAL	DILATION	MILD
LIVER	BILE DUCT	CYST	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
OVARY		CYST	FOLLICULAR
PITUITARY GLAND	PARS DISTALIS	ANGIECTASIS	MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
THYROID GLAND	C-CELL	ADENOMA	
UTERUS		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-19, Gross Finding = UTERUS; CERVICAL; MASS; RED; TGL1]			

ANIMAL ID: 296	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701101

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL1, 1
Observation Comment: multiple, up to 2x2 mm, TGL1 affects all lung lobes		
[FOCUS TGLS = TGL1, 1]		
PITUITARY GLAND	NODULE	RED, TGL2
Observation Comment: 3x3x2 mm		
[NODULE TGLS = TGL2]		

ANIMAL ID: 296	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701101

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 2-12, Gross Finding = PITUITARY GLAND; NODULE; RED; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

ANIMAL ID: 297	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701102

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

ADRENAL GLAND	RIGHT	ENLARGED	MOTTLED, TGL2
Observation Comment: 1.5x			
[ENLARGED TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 11x6 mm, TGL3 = affects all lung lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	TAN, TGL1
Observation Comment: 114x100x50 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 297	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701102

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX, BILATERAL	HYPERPLASIA	FOCAL, MODERATE
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
[HYPERPLASIA TGLS = TGL 2-12, Gross Finding = ADRENAL GLAND; RIGHT; ENLARGED; MOTTLED; TGL2]			
BONE MARROW		HYPERCELLULARITY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	STROMAL, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 298	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD667
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701103

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 15x10 mm, TGL2: all lobes affected			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	INGUINAL	MASS	MOTTLED, TGL1
Observation Comment: 50x35x15 mm, TGL1 accounts for both masses seen clinically and extends across abdomen to both inguinal areas			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	DARK, TGL3
Observation Comment: 10x5x3 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 298	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD667
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701103

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; INGUINAL; MASS; MOTTLED; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL3]			
SPLEEN	RED PULP	PIGMENT	INCREASED, MARKED
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 299	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD719
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701104

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 21x12 mm, TGL2 all lobes affected			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 125x70x45 mm, TGL1 is ulcerated			
[MASS TGLS = TGL1]			
PITUITARY GLAND		NODULE	RED, TGL3
Observation Comment: 2 mm dia			
[NODULE TGLS = TGL3]			

ANIMAL ID: 299	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD719
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701104

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
BONE MARROW		HYPERCELLULARITY	MARKED
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	CENTRILOBULAR	DEGENERATION	MILD
		EOSINOPHILIC FOCUS	
		INFILTRATION CELLULAR	MIXED, MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL1]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
[HYPERPLASIA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; NODULE; RED; TGL3]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
		THROMBUS	

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 300	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD517
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701105

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 4x4 mm, TGL-2 affects all lobes			
[FOCUS TGLS = TGL2, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	DARK, TGL1
Observation Comment: horns, up to 20 mm dia, TGL-1 contains bloody fluid			
[DILATION TGLS = TGL1]			

ANIMAL ID: 300	**TRT#:** 2	**DOSE:** 50 ppm	**SEX:** Female	**REMOVAL DAY:** SD517
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701105

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
PITUITARY GLAND	PARS DISTALIS	CYST	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
THYROID GLAND	C-CELL	ADENOMA	
UTERUS		DILATION	MARKED
		HEMORRHAGE	MILD
		INFLAMMATION	SUPPURATIVE, MODERATE
[DILATION TGLS = TGL 1-18, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL1]			
[INFLAMMATION TGLS = TGL 1-18, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL1]			

CONTRIBUTORY CAUSE OF DEATH	- UTERUS; INFLAMMATION; SUPPURATIVE

ANIMAL ID: 301	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD659
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701106

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

ADRENAL GLAND	RIGHT	ENLARGED	MOTTLED, TGL10
Observation Comment: 1.5x			
[ENLARGED TGLS = TGL10]			
KIDNEY	LEFT	DEFORMITY	PALE, TGL9
	RIGHT	DEFORMITY	PALE, TGL15
Observation Comment: TGL9 = granular			
Observation Comment: TGL15 = granular			
[DEFORMITY TGLS = TGL9]			
[DEFORMITY TGLS = TGL15]			
LIVER	LOBE, LEFT	CYST	CLEAR, TGL2
	LOBE, MEDIAN	CYST	CLEAR, TWO, TGL5, 2
	RIGHT	CYST	CLEAR, THREE, TGL4, 2
	LOBE, LEFT	FOCUS	RED, THREE, TGL3, 2
Observation Comment: 12x10x7 mm			
Observation Comment: up to 3x3x3 mm			
Observation Comment: anterior, up to 5x3x3 mm			
Observation Comment: up to 2x2 mm			
[CYST TGLS = TGL2]			
[CYST TGLS = TGL5, 2]			
[CYST TGLS = TGL4, 2]			

ANIMAL ID: 301	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD659
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701106

[FOCUS TGLS = TGL3, 2]			
LUNG		FOCUS	WHITE, TGL13, 1
Observation Comment: multiple, up to 2x2 mm, TGL13 affects all lung lobes			
[FOCUS TGLS = TGL13, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL7
	LEFT, VENTRAL	MASS	TAN, TGL8
	RIGHT, AXILLARY	MASS	TAN, TGL6
Observation Comment: 32x28x23 mm			
Observation Comment: neck, 15x10x7 mm			
Observation Comment: 28x20x18 mm			
[MASS TGLS = TGL7]			
[MASS TGLS = TGL8]			
[MASS TGLS = TGL6]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	CLEAR, TGL11
	RIGHT	CYST	CLEAR, TGL12
Observation Comment: 2x1x1 mm			
Observation Comment: 5x4x4 mm			
[CYST TGLS = TGL11]			
[CYST TGLS = TGL12]			
STOMACH, FORESTOMACH		NODULE	WHITE, TGL14, 1
Observation Comment: 3x3 mm, found at trim			
[NODULE TGLS = TGL14, 1]			
UTERUS	RIGHT	NODULE	RED, TGL1
Observation Comment: horn, 3x3x3 mm			
[NODULE TGLS = TGL1]			

ANIMAL ID: 301	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD659
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701106

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX, ARTERIOLE	DEGENERATION	MILD
	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	MEDULLA	HEMORRHAGE	FOCAL, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
[HEMORRHAGE TGLS = TGL 10-12, Gross Finding = ADRENAL GLAND; RIGHT; ENLARGED; MOTTLED; TGL10]			
BRAIN		GLIOSIS	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 9-9, TGL 15-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL15-9, TGL9-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL9]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL15-9, TGL9-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL15]			
LIVER		CHOLANGIOMA	
Tissue Comment: TGL 3-13, TGL 2-19, TGL 4-20, TGL 4-21, TGL 5-21			
Observation Comment: slide 13 - 1 cholangioma present; gross observation 4 - 2 cholangiomas present			
[CHOLANGIOMA TGLS = TGL4-20, TGL3-13, TGL5-21, TGL2-19, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL2]			
[CHOLANGIOMA TGLS = TGL4-20, TGL3-13, TGL5-21, TGL2-19, Gross Finding = LIVER; LOBE, LEFT; FOCUS; RED, THREE; TGL3, 2]			
[CHOLANGIOMA TGLS = TGL4-20, TGL3-13, TGL5-21, TGL2-19, Gross Finding = LIVER; LOBE, MEDIAN; CYST; CLEAR, TWO; TGL5, 2]			
[CHOLANGIOMA TGLS = TGL4-20, TGL3-13, TGL5-21, TGL2-19, Gross Finding = LIVER; RIGHT; CYST; CLEAR, THREE; TGL4, 2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 13-7, TGL 13-8			
[INFILTRATION CELLULAR TGLS = TGL13-7, Gross Finding = LUNG; FOCUS; WHITE; TGL13, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
		HYPERPLASIA	PLASMA CELL, MILD

ANIMAL ID: 301	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD659
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701106

MAMMARY GLAND		ADENOMA	
	DUCT	DILATION	MILD
		FIBROADENOMA	
Tissue Comment: TGL 6-22, TGL 7-23, TGL 8-24			
[ADENOMA TGLS = TGL6-22, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL6]			
[DILATION TGLS = TGL8-24, Gross Finding = MAMMARY GLAND; LEFT, VENTRAL; MASS; TAN; TGL8]			
[FIBROADENOMA TGLS = TGL7-23, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL7]			
OVARY		CYST	BURSAL
		CYST	FOLLICULAR
Tissue Comment: TGL 11-15, TGL 12-15			
[CYST TGLS = TGL12-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL12]			
[CYST TGLS = TGL11-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL11]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
	PARS NERVOSA	GLIOMA	
	PARS INTERMEDIA	HYPERPLASIA	FOCAL, MODERATE
STOMACH, FORESTOMACH		CYST	
[CYST TGLS = TGL 14-20, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL14, 1]			
UTERUS		HEMORRHAGE	MODERATE
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
[HEMORRHAGE TGLS = TGL 1-19, Gross Finding = UTERUS; RIGHT; NODULE; RED; TGL1]			

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 302	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701107

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: TGL 5 = all lobes; up to 3x3mm; multiple			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	LEFT, INGUINAL	MASS	MOTTLED, TGL1
	LEFT, INGUINAL	MASS	TAN, TGL3
	RIGHT, INGUINAL	MASS	TAN, TGL2
Observation Comment: 85x80x35mm; TGL 1 taken for Mol Bio			
Observation Comment: 25x25x			
Observation Comment: 20x15x10mm; TGL 2 = ulcerated			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
OVARY	RIGHT	CYST	CLEAR, TGL4
Observation Comment: 10x8x5mm			
[CYST TGLS = TGL4]			

ANIMAL ID: 302	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701107

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MESENTERIC	NOSE	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, MEDIASTINAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG		CYSTIC KERATINIZING EPITHELIOMA	
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 5-7, TGL 5-8			
[INFLAMMATION TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
MAMMARY GLAND		ADENOMA	
		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21			
[ADENOMA TGLS = TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL1-19, TGL3-21, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; MOTTLED; TGL1]			
[FIBROADENOMA TGLS = TGL1-19, TGL3-21, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; TAN; TGL3]			
OVARY		CYST	BURSAL
[CYST TGLS = TGL 4-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL4]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD

ANIMAL ID: 302	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701107

STOMACH, GLANDULAR		MINERAL	MILD
THYROID GLAND	FOLLICULAR CELL	ADENOMA	
	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	STROMAL, MINIMAL

ANIMAL ID: 303	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701108

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LIVER	RIGHT	CYST	CLEAR, TGL4
Observation Comment: posterior, 1x1 mm			
[CYST TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple, up to 7x4 mm, TGL5 affects left and right caudal lobes			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	ABDOMINAL	MASS	MOTTLED, TGL1
	LEFT, AXILLARY	MASS	TAN, TGL3
	RIGHT, AXILLARY	MASS	TAN, TGL2
Observation Comment: 100x90x40 mm, TGL1 is ulcerated, TGL1 taken for Mol Bio			
Observation Comment: 20x20x10 mm			
Observation Comment: 10x10x8 mm, Correlates to "Mass, thorax, right, large" seen clinically			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
PITUITARY GLAND		ENLARGED	TAN, TGL6
Observation Comment: 4x3x2 mm			
[ENLARGED TGLS = TGL6]			

ANIMAL ID: 303	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701108

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CHOLANGIOMA	
[CHOLANGIOMA TGLS = TGL 4-22, Gross Finding = LIVER; RIGHT; CYST; CLEAR; TGL4]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; ABDOMINAL; MASS; MOTTLED; TGL1]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL3]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL2]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 6-12, Gross Finding = PITUITARY GLAND; ENLARGED; TAN; TGL6]			
THYROID GLAND	C-CELL, BILATERAL	HYPERPLASIA	FOCAL, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

ANIMAL ID: 304	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701109

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	MOTTLED, TGL2
Observation Comment: 2x			
[ENLARGED TGLS = TGL2]			
LIVER	LOBE, LEFT	CYST	CLEAR, TWO, TGL4, 2
Observation Comment: up to 3x3x3 mm			
[CYST TGLS = TGL4, 2]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: up to 1x1 mm			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 15x15x10 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	RIGHT	CYST	CLEAR, TGL3
Observation Comment: 5x5x5 mm			
[CYST TGLS = TGL3]			

ANIMAL ID: 304	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701109

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	MEDULLA	ANGIECTASIS	MARKED
[ANGIECTASIS TGLS = TGL 2-12, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; MOTTLED; TGL2]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CHOLANGIOMA	
		NO CORRESPONDING LESION	
Tissue Comment: TGL 4-21			
[CHOLANGIOMA TGLS = TGL 4-21]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, TGL5-8, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-20, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL1]			
OVARY		CYST	FOLLICULAR
[CYST TGLS = TGL 3-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL3]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
STOMACH, GLANDULAR		MINERAL	MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS		ADENOCARCINOMA	
		HEMORRHAGE	MARKED
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 304	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701109

POLYP	STROMAL

ANIMAL ID: 305	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701110

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL8
	RIGHT	DEFORMITY	PALE, TGL7
Observation Comment: TGL8 is granular, found at trim			
Observation Comment: TGL7 is granular, found at trim			
[DEFORMITY TGLS = TGL8]			
[DEFORMITY TGLS = TGL7]			
LYMPH NODE	LUMBAR	ENLARGED	DARK, TWO, TGL5, 2
Observation Comment: 2x			
[ENLARGED TGLS = TGL5, 2]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL3
	LEFT, INGUINAL	MASS	TAN, TGL2
	RIGHT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 30x30x25 mm			
Observation Comment: 25x20x20 mm, Correlates to "Mass, abdomen, left, large" seen clinically			
Observation Comment: 100x90x50 mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	MOTTLED, TGL6

ANIMAL ID: 305	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701110

Observation Comment: 5x4x3 mm [ENLARGED TGLS = TGL6]			
THORAX		FLUID	RED, TGL4
Observation Comment: cavity, ~10 mL, cloudy [FLUID TGLS = TGL4]			

ANIMAL ID: 305	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701110

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
NOSE	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	MALIGNANT
BONE MARROW		HYPERCELLULARITY	MILD
BRAIN		GLIOSIS	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 7-9, TGL 8-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL8-9, TGL7-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL8]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL8-9, TGL7-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL7]			
LARYNX		FOREIGN BODY	
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE	LUMBAR	HEMORRHAGE	MARKED
[HEMORRHAGE TGLS = TGL 5-22, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; DARK, TWO; TGL5, 2]			
LYMPH NODE, MESENTERIC		HEMORRHAGE	MODERATE
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21			
[FIBROADENOMA TGLS = TGL3-21, TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL3]			
[FIBROADENOMA TGLS = TGL3-21, TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL3-21, TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; MOTTLED; TGL1]			
OVARY		CYST	BURSAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 6-12, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL6]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE

ANIMAL ID: 305	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701110

STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL
UTERUS		HEMANGIOMA	
		THROMBUS	

ANIMAL ID: 306	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD505
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701111

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 4x3 mm, TGL2 affects all lung lobes			
[FOCUS TGLS = TGL2, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	RED, TGL1
Observation Comment: horns, up to 18 mm dia, TGL1 is blood filled			
[DILATION TGLS = TGL1]			

ANIMAL ID: 306	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD505
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701111

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MODERATE
BRAIN		GLIOSIS	MINIMAL
		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
		NECROSIS	MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY	RENAL TUBULE	MINERAL	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
UTERUS		DILATION	MARKED
		HEMORRHAGE	MILD
		INFLAMMATION	CHRONIC-ACTIVE, MARKED
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MARKED
Tissue Comment: TGL 1-17, TGL 1-18, TGL 1-19			
[DILATION TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL1]			
[INFLAMMATION TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL1]			
CONTRIBUTORY CAUSE OF DEATH	- UTERUS; HEMORRHAGE		

ANIMAL ID: 307	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD264
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701112

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	RIGHT, HINDLIMB	MASS	MOTTLED, TGL1
Observation Comment: 80x50x45 mm, TGL1 is ulcerated and extends from the inguinal mammary region laterally over the right hind leg			
[MASS TGLS = TGL1]			
SPLEEN	CAPSULE	DISCOLORATION	THREE, WHITE, TGL2, 1, 2
Observation Comment: up to 7x6 mm			
[DISCOLORATION TGLS = TGL2, 1, 2]			

ANIMAL ID: 307	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD264
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701112

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	UTERUS	VAGINA	

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, HINDLIMB; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
		NECROSIS	MINIMAL
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-20, Gross Finding = SPLEEN; CAPSULE; DISCOLORATION; THREE, WHITE; TGL2, 1, 2]			
[NECROSIS TGLS = TGL 2-20, Gross Finding = SPLEEN; CAPSULE; DISCOLORATION; THREE, WHITE; TGL2, 1, 2]			

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 308	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD671
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701113

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL1, 1
Observation Comment: all lobes, up to 5x5 mm			
[FOCUS TGLS = TGL1, 1]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	TAN, TGL3
	RIGHT, THORACIC	MASS	TAN, TGL2
Observation Comment: 40x20x20 mm			
Observation Comment: 100x90x45 mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			

ANIMAL ID: 308	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD671
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701113

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MODERATE
	CORTEX, BILATERAL	HYPERPLASIA	FOCAL, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
	CYTOPLASMIC, CORTEX	VACUOLATION	DIFFUSE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	RENAL TUBULE	MINERAL	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 2-19, TGL 3-20			
[FIBROADENOMA TGLS = TGL3-20, TGL2-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL3-20, TGL2-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; TAN; TGL3]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; FIBROADENOMA		

ANIMAL ID: 309	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD436
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701114

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple, up to 5x4 mm, TGL4 involves all lung lobes			
[FOCUS TGLS = TGL4, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
	RIGHT, INGUINAL	MASS	TAN, TGL2
Observation Comment: 60x35x10 mm, TGL1 is ulcerated			
Observation Comment: 35x25x10 mm, TGL2 is ulcerated			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
OVARY	LEFT	CYST	CLEAR, TGL3
Observation Comment: 9 mm dia			
[CYST TGLS = TGL3]			

ANIMAL ID: 309	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD436
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701114

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	UTERUS	VAGINA	

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EXTRAMEDULLARY HEMATOPOIESIS	MINIMAL
		NECROSIS	MILD
LUNG		HEMORRHAGE	MODERATE
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
		INFLAMMATION	SUPPURATIVE, MILD
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
MAMMARY GLAND		ADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[ADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
[ADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; TAN; TGL2]			
OVARY		CYST	BURSAL
		GRANULOSA CELL TUMOR	MALIGNANT
[CYST TGLS = TGL 3-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL3]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOMA

ANIMAL ID: 310	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD516
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701115

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

ADRENAL GLAND	RIGHT	ENLARGED	TGL2
Observation Comment: 2x			
[ENLARGED TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 20x17 mm, TGL-3 affects all lobes			
[FOCUS TGLS = TGL3, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	RED, TGL1
Observation Comment: 15 mm dia, TGL-1 contains bloody fluid			
[DILATION TGLS = TGL1]			

ANIMAL ID: 310	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD516
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701115

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MANDIBULAR	MAMMARY GLAND	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	MEDULLA	CYST	
[CYST TGLS = TGL 2-12, Gross Finding = ADRENAL GLAND; RIGHT; ENLARGED; TGL2]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		BASOPHILIC FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
		INFLAMMATION	ACUTE, MULTIFOCAL, MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
		INFLAMMATION	SUPPURATIVE, MODERATE
		THROMBUS	
Tissue Comment: TGL 3-7, TGL 3-8			
[INFLAMMATION TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MEDIASTINAL		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
UTERUS		HEMORRHAGE	MARKED
		INFLAMMATION	SUPPURATIVE, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MARKED
Tissue Comment: TGL 1-17, TGL 1-8			
[HEMORRHAGE TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL1]			
CONTRIBUTORY CAUSE OF DEATH	- UTERUS; HEMORRHAGE		

ANIMAL ID: 311	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD393
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701116

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL3
	LEFT, AXILLARY	MASS	TAN, TGL2
	RIGHT, AXILLARY	MASS	RED, TGL1

Observation Comment: 30x20x10 mm
Observation Comment: 24x21x10 mm
Observation Comment: 45x43x10 mm, TGL1 = ulcerated.
[MASS TGLS = TGL3]
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]

UTERUS	BILATERAL	DILATION	DARK, TGL4

Observation Comment: horn, 13x13x13 mm, found at trim
[DILATION TGLS = TGL4]

ANIMAL ID: 311	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD393
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701116

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

Autolysis Precludes Examination

ADRENAL GLAND	PITUITARY GLAND	SPLEEN

No Section Present

THYROID GLAND

OBSERVATIONS

BONE MARROW	HYPERCELLULARITY	MODERATE
LUNG	ADENOCARCINOMA	METASTATIC
MAMMARY GLAND	ADENOCARCINOMA	
	FIBROADENOMA	

Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21

[ADENOCARCINOMA TGLS = TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; RED; TGL1]

[FIBROADENOMA TGLS = TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL2]

[FIBROADENOMA TGLS = TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL3]

UTERUS	HEMORRHAGE	MODERATE

[HEMORRHAGE TGLS = TGL 4-18, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL4]

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 312	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701117

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple, up to 27x20 mm, TGL5 all lobes affected			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL2
	LEFT, CERVICAL	MASS	TAN, TGL3
	RIGHT, ABDOMINAL	MASS	TAN, TGL4
	RIGHT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 45x40x30 mm			
Observation Comment: 20x20x15 mm			
Observation Comment: 20x20x10 mm			
Observation Comment: 60x55x35 mm, TGL1 taken for Mol Bio, TGL1 correlates to "mass, thorax, right, large" seen clinically			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL4]			
[MASS TGLS = TGL1]			

ANIMAL ID: 312	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701117

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
		INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		CLEAR CELL FOCUS	
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MARKED
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21, TGL 4-22			
[FIBROADENOMA TGLS = TGL2-20, TGL3-21, TGL4-22, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL2-20, TGL3-21, TGL4-22, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, CERVICAL; MASS; TAN; TGL3]			
[FIBROADENOMA TGLS = TGL2-20, TGL3-21, TGL4-22, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; TAN; TGL4]			
[FIBROADENOMA TGLS = TGL2-20, TGL3-21, TGL4-22, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
		INFLAMMATION	SUPPURATIVE, MILD

ANIMAL ID: 312	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701117

ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE

ANIMAL ID: 313	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701118

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple, up to 3x3 mm, TGL4 affects all lobes			
[FOCUS TGLS = TGL4, 1]			
LYMPH NODE, MANDIBULAR		ENLARGED	FIVE, TAN, 1, TGL2
Observation Comment: up to 10x			
[ENLARGED TGLS = 1, TGL2]			
MAMMARY GLAND	RIGHT, AXILLARY	MASS	TAN, TGL3
	RIGHT, INGUINAL	MASS	MOTTLED, TGL1
Observation Comment: 25x25x20 mm			
Observation Comment: 90x70x55 mm, TGL1 is ulcerated			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL1]			

ANIMAL ID: 313	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701118

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC
NOSE	PANCREAS	PARATHYROID GLAND	SKIN
STOMACH, FORESTOMACH	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
		PHEOCHROMOCYTOMA	BENIGN
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LARYNX		FOREIGN BODY	
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
		MIXED CELL FOCUS	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
MAMMARY GLAND		ADENOCARCINOMA	
		FIBROADENOMA	
Tissue Comment: TGL 2-20, TGL 1-19, TGL 3-21			
[ADENOCARCINOMA TGLS = TGL2-20, Gross Finding = LYMPH NODE, MANDIBULAR; ENLARGED; FIVE, TAN; 1, TGL2]			
[FIBROADENOMA TGLS = TGL3-21, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL3]			
[FIBROADENOMA TGLS = TGL3-21, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; MOTTLED; TGL1]			
OVARY		CYST	FOLLICULAR
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SALIVARY GLAND		CARCINOMA	METASTATIC

ANIMAL ID: 313	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701118

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
STOMACH, GLANDULAR		MINERAL	MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		INFLAMMATION	SUPPURATIVE, MINIMAL

ANIMAL ID: 314	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701119

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL3
	RIGHT	DEFORMITY	PALE, TGL4
Observation Comment: TGL3 = granular			
Observation Comment: TGL4 = granular			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL4]			
LIVER	LOBE, MEDIAN	CYST	CLEAR, TGL2
Observation Comment: 20x14x10 mm			
[CYST TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: up to 5x2 mm, TGL5 = all lobes			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	RIGHT, CERVICAL	MASS	RED, TGL1
Observation Comment: 20x20x15 mm			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	RED, TGL6
Observation Comment: 2x			
[ENLARGED TGLS = TGL6]			

ANIMAL ID: 314	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701119

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 3-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL3]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-9, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL4]			
LIVER		CHOLANGIOMA	
		MIXED CELL FOCUS	
[CHOLANGIOMA TGLS = TGL 2-13, Gross Finding = LIVER; LOBE, MEDIAN; CYST; CLEAR; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		ADENOCARCINOMA	
	DUCT	DILATION	MARKED
[ADENOCARCINOMA TGLS = TGL 1-20, Gross Finding = MAMMARY GLAND; RIGHT, CERVICAL; MASS; RED; TGL1]			
OVARY		CYST	FOLLICULAR
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 6-12, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL6]			
STOMACH, GLANDULAR		MINERAL	MILD

ANIMAL ID: 314	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701119

THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 315	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD393
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701120

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	LEFT, ABDOMINAL	MASS	TAN, TGL1
Observation Comment: 70x35x20 mm			
[MASS TGLS = TGL1]			
SPLEEN		ENLARGED	DARK, TGL2
Observation Comment: 54x15x5 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 315	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD393
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701120

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	MULTIFOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		HEMANGIOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LUNG	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, ABDOMINAL; MASS; TAN; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-9, Gross Finding = SPLEEN; ENLARGED; DARK; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MARKED
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 316	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD449
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701121

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS
TOOTH	RIGHT, INCISOR	DEFORMITY

Observation Comment: upper, gross lesion = missing incisor, no sample taken

ANIMAL ID: 316	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD449
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701121

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	BONE MARROW	BONE, FEMUR	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX
LIVER	LUNG	MAMMARY GLAND	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
UTERUS	VAGINA		

No Section Present

AORTA	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC

OBSERVATIONS

BRAIN		GRANULAR CELL TUMOR	BENIGN
LYMPH NODE, MANDIBULAR		ATROPHY	MODERATE
SPLEEN	WHITE PULP	ATROPHY	MARKED
THYMUS		ATROPHY	MODERATE
		HEMORRHAGE	MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- BRAIN; GRANULAR CELL TUMOR; BENIGN

ANIMAL ID: 317	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701122

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	DARK, TGL3
Observation Comment: 4x			
[ENLARGED TGLS = TGL3]			
LIVER	CAUDATE LOBE	CYST	CLEAR, TGL2
Observation Comment: 9x9x9 mm			
[CYST TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple, up to 2x2 mm, TGL4 = all lobes			
[FOCUS TGLS = TGL4, 1]			
MAMMARY GLAND	VENTRAL, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 90x80x60 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			

ANIMAL ID: 317	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701122

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	UTERUS	VAGINA

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
		PHEOCHROMOCYTOMA	MALIGNANT
[PHEOCHROMOCYTOMA TGLS = TGL 3-10, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; DARK; TGL3]			
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	CYST	
	HEPATOCYTE	HYPERTROPHY	MODERATE
[CYST TGLS = TGL 2-20, Gross Finding = LIVER; CAUDATE LOBE; CYST; CLEAR; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, TGL4-8, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; VENTRAL, THORACIC; MASS; MOTTLED; TGL1]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
		HYPERPLASIA	LYMPHOCYTE, MILD

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 318	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD532
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701123

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	DIFFUSE, WHITE, TGL2, 2
Observation Comment: up to 5x5 mm TGL2 affects all lobes			
[FOCUS TGLS = TGL2, 2]			
MAMMARY GLAND	ABDOMINAL, LEFT	MASS	MOTTLED, TGL1
Observation Comment: 100x85x60 mm, ulcerated			
[MASS TGLS = TGL1]			

ANIMAL ID: 318	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD532
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701123

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		BASOPHILIC FOCUS	
		NECROSIS	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TG 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-8, Gross Finding = LUNG; FOCUS; DIFFUSE, WHITE; TGL2, 2]			
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; ABDOMINAL, LEFT; MASS; MOTTLED; TGL1]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS		POLYP	STROMAL

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 319	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD544
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701124

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: up to 6x4 mm, TGL3 affects all lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	LEFT, CERVICAL	MASS	TAN, TGL2
	RIGHT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 85x80x55 mm			
Observation Comment: 100x85x70 mm, TGL1 = ulcerated			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 319	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD544
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701124

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	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, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
UTERUS	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
EYE	IRIS	MELANOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MILD
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, CERVICAL; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 320	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701125

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL3
	LEFT, THORACIC	MASS	TAN, TGL4
	RIGHT, CERVICAL	MASS	TAN, TGL2
	RIGHT, THORACIC	MASS	MOTTLED, TGL1

Observation Comment: 45x30x20 mm
Observation Comment: 40x30x20 mm, TGL4 correlates to "Mass, thorax, left, large" seen clinically
Observation Comment: 50x45x30 mm
Observation Comment: 80x70x65 mm, TGL1 is ulcerated, TGL1 taken for Mol Bio
[MASS TGLS = TGL3]
[MASS TGLS = TGL4]
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]

ANIMAL ID: 320	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701125

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	UTERUS	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	HEPATOCYTE	HYPERPLASIA	NODULAR, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	

Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21, TGL 4-22

[FIBROADENOMA TGLS = TGL3-21, TGL4-22, TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL3]

[FIBROADENOMA TGLS = TGL3-21, TGL4-22, TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; TAN; TGL4]

[FIBROADENOMA TGLS = TGL3-21, TGL4-22, TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, CERVICAL; MASS; TAN; TGL2]

[FIBROADENOMA TGLS = TGL3-21, TGL4-22, TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL1]

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD

ANIMAL ID: 321	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD295
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701126

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	LEFT, CERVICAL	MASS	MOTTLED, TGL1
Observation Comment: 60x30x25 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	PALE, TGL2
Observation Comment: horns, 5 mm dia			
[DILATION TGLS = TGL2]			

ANIMAL ID: 321	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD295
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701126

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, CERVICAL; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS		DILATION	MILD
Tissue Comment: TGL 2-17, TGL 2-18			
[DILATION TGLS = TGL2-17, Gross Finding = UTERUS; BILATERAL; DILATION; PALE; TGL2]			

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 322	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD528
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701127

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: up to 10x10 mm, TGL4 = all lobes			
[FOCUS TGLS = TGL4, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL3
	RIGHT, THORACIC	MASS	TAN, TGL2
Observation Comment: 20x20x6 mm			
Observation Comment: 50x30x23 mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	DARK, TGL1
Observation Comment: horns, 18x18x18 mm			
[DILATION TGLS = TGL1]			

ANIMAL ID: 322	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD528
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701127

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL

OBSERVATIONS

ADRENAL GLAND	MEDULLA	ANGIECTASIS	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		ADENOCARCINOMA	
		ADENOMA	
Tissue Comment: TGL 2-19, TGL 3-20			
[ADENOCARCINOMA TGLS = TGL2-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; TAN; TGL2]			
[ADENOMA TGLS = TGL3-20, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL3]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS		DILATION	MARKED
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MARKED
Tissue Comment: TGL 1-17, TGL 1-18			
[METAPLASIA TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL1]			

CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 323	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD601
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701128

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	FOCUS	TAN, TGL3
	RIGHT	FOCUS	TAN, TGL5
Observation Comment: up to 2 mm in diameter			
[FOCUS TGLS = TGL3]			
[FOCUS TGLS = TGL5]			
LUNG		FOCUS	TAN, TGL4
Observation Comment: up to 1 mm in diameter, TGL4 involves all lobes			
[FOCUS TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	RIGHT	CYST	TGL2
Observation Comment: 20x20x20 mm			
[CYST TGLS = TGL2]			
PANCREAS		MASS	MOTTLED, TGL1
Observation Comment: 70x44x40 mm, TGL1 was collected for Mol Bio			
[MASS TGLS = TGL1]			

ANIMAL ID: 323	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD601
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701128

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	LARYNX	LYMPH NODE, MANDIBULAR
MAMMARY GLAND	NOSE	PARATHYROID GLAND	SALIVARY GLAND
SKIN	THYROID GLAND	TRACHEA	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
BRAIN		INFLAMMATION	CHRONIC-ACTIVE, MARKED
HEART		CARDIOMYOPATHY	MILD
	EPICARDIUM	INFLAMMATION	ACUTE, MILD
INTESTINE, LARGE, CECUM		INFLAMMATION	ACUTE, MARKED
INTESTINE, LARGE, COLON	SEROSA	INFLAMMATION	ACUTE, MILD
INTESTINE, LARGE, RECTUM	SEROSA	INFLAMMATION	ACUTE, MILD
INTESTINE, SMALL, DUODENUM	SEROSA	INFLAMMATION	ACUTE, MILD
INTESTINE, SMALL, ILEUM	SEROSA	INFLAMMATION	ACUTE, MINIMAL
INTESTINE, SMALL, JEJUNUM	SEROSA	INFLAMMATION	ACUTE, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
		INFLAMMATION	SUPPURATIVE, MODERATE
		THROMBUS	

Tissue Comment: TGL 3-9, TGL 5-9
[INFLAMMATION TGLS = TGL3-9, TGL5-9, Gross Finding = KIDNEY; LEFT; FOCUS; TAN; TGL3]
[INFLAMMATION TGLS = TGL3-9, TGL5-9, Gross Finding = KIDNEY; RIGHT; FOCUS; TAN; TGL5]

LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
	CAPSULE	INFLAMMATION	CHRONIC-ACTIVE, MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	PLEURA	INFLAMMATION	SUPPURATIVE, MILD

ANIMAL ID: 323	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD601
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701128

Tissue Comment: TGL 4-7, TGL 4-8
[INFLAMMATION TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; TAN; TGL4]

LYMPH NODE, MESENTERIC	CAPSULE	INFLAMMATION	ACUTE, MILD
OVARY		CYST	BURSAL
	BILATERAL	INFLAMMATION	ACUTE, MILD

[CYST TGLS = TGL 2-15, Gross Finding = OVARY; RIGHT; CYST; TGL2]
[INFLAMMATION TGLS = TGL 2-15, Gross Finding = OVARY; RIGHT; CYST; TGL2]

PANCREAS	ACINUS	INFLAMMATION	SUPPURATIVE, MARKED

[INFLAMMATION TGLS = TGL 1-19, Gross Finding = PANCREAS; MASS; MOTTLED; TGL1]

PITUITARY GLAND	PARS INTERMEDIA	CYST	
	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SPLEEN		NECROSIS	MILD
STOMACH, FORESTOMACH	SEROSA	INFLAMMATION	ACUTE, MILD
STOMACH, GLANDULAR	SEROSA	INFLAMMATION	ACUTE, MILD
THYMUS		INFLAMMATION	SUPPURATIVE, MARKED
URINARY BLADDER	SEROSA	INFLAMMATION	CHRONIC-ACTIVE, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	SEROSA	INFLAMMATION	ACUTE, MILD

CONTRIBUTORY CAUSE OF DEATH	- PANCREAS; INFLAMMATION; ACINUS; SUPPURATIVE
	- BRAIN; INFLAMMATION; CHRONIC-ACTIVE

ANIMAL ID: 324	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD614
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701129

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	FOUR, TAN, 1, TGL2
Observation Comment: up to 4x2 mm, TGL-2 affects left lobe and right caudal lobe			
[FOCUS TGLS = 1, TGL2]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	TAN, TGL1
Observation Comment: 80x80x40 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 324	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD614
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701129

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY	RENAL TUBULE	MINERAL	MINIMAL
LIVER		CLEAR CELL FOCUS	
		MIXED CELL FOCUS	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; FOUR, TAN; 1, TGL2]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; TAN; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	GOBLET CELL, MINIMAL
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
		INFLAMMATION	SUPPURATIVE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 325	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD691
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701130

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: up to 21x19 mm, TGL2 = affects all lobes			
[FOCUS TGLS = TGL2, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	CLEAR, TGL1
Observation Comment: 4x4x3 mm			
[CYST TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	DARK, TGL3
Observation Comment: 7x4x4 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 325	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD691
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701130

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LIVER	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
BRAIN		HEMORRHAGE	MODERATE
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, BRONCHIAL		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
OVARY		CYST	FOLLICULAR
		FIBROSIS	MARKED
[CYST TGLS = TGL 1-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
Tissue Comment: TGL 3-12			
[ADENOMA TGLS = TGL 3-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL3]			
SPLEEN	RED PULP	PIGMENT	INCREASED, MILD
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 326	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD521
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701131

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM	THICK	GREEN, TGL1
Observation Comment: 30 mm length, TGL-1 = segment with 3x thickened mucosa. Proximal segment dilated. Adhesions on serosa incorporated left uterine horn and ovary		
[THICK TGLS = TGL1]		
LUNG	FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 2x1 mm, TGL-2 affects all lobes		
[FOCUS TGLS = TGL2, 1]		
NO CORRELATE	TO OBSERVATION / MASS	

ANIMAL ID: 326	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD521
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701131

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SKIN	SPLEEN	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MINIMAL
	CORTEX, BILATERAL	HYPERPLASIA	FOCAL, MILD
INTESTINE, SMALL, JEJUNUM		INFLAMMATION	CHRONIC-ACTIVE, MARKED
[INFLAMMATION TGLS = TGL 1-19, Gross Finding = INTESTINE, SMALL, JEJUNUM; THICK; GREEN; TGL1]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
SALIVARY GLAND		ATROPHY	MODERATE
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE
UTERUS		INFLAMMATION	SUPPURATIVE, MARKED
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE

CONTRIBUTORY CAUSE OF DEATH - INTESTINE, SMALL, JEJUNUM; INFLAMMATION; CHRONIC-ACTIVE

ANIMAL ID: 327	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD717
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701132

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	RIGHT	ENLARGED	TAN, TGL6
Observation Comment: 1.5x			
[ENLARGED TGLS = TGL6]			
LUNG	LOBE, LEFT	FOCUS	THREE, WHITE, TGL4, 1, 2
	RIGHT LOBE	FOCUS	CAUDAL, FOUR, WHITE, 1, TGL5, 3
Observation Comment: up to 2x1 mm			
Observation Comment: up to 3x1 mm			
[FOCUS TGLS = TGL4, 1, 2]			
[FOCUS TGLS = 1, TGL5, 3]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	MOTTLED, TGL2
	LEFT, INGUINAL	MASS	TAN, TGL1
	RIGHT, AXILLARY	MASS	MOTTLED, TGL3
Observation Comment: 70x50x38 mm, TGL2 is ulcerated			
Observation Comment: 23x12x10 mm			
Observation Comment: 50x44x25 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL3]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 327	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD717
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701132

PITUITARY GLAND		ENLARGED	RED, TGL7
Observation Comment: 8x6x5 mm			
[ENLARGED TGLS = TGL7]			

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MODERATE
[DEGENERATION TGLS = TGL 6-12, Gross Finding = ADRENAL GLAND; RIGHT; ENLARGED; TAN; TGL6]			
HEART		CARDIOMYOPATHY	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 4-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, TGL5-8, Gross Finding = LUNG; LOBE, LEFT; FOCUS; THREE, WHITE; TGL4, 1, 2]			
[INFILTRATION CELLULAR TGLS = TGL4-7, TGL5-8, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, FOUR, WHITE; 1, TGL5, 3]			
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-21, TGL 3-22			
[FIBROADENOMA TGLS = TGL1-19, TGL3-22, TGL2-21, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; MOTTLED; TGL2]			
[FIBROADENOMA TGLS = TGL1-19, TGL3-22, TGL2-21, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; TAN; TGL1]			
[FIBROADENOMA TGLS = TGL1-19, TGL3-22, TGL2-21, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; MOTTLED; TGL3]			
PITUITARY GLAND	PARS DISTALIS	CARCINOMA	
[CARCINOMA TGLS = TGL 7-19, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL7]			
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

CONTRIBUTORY CAUSE OF DEATH	- PITUITARY GLAND; CARCINOMA; PARS DISTALIS

ANIMAL ID: 328	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD487
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701133

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	DARK, TGL1
	LEFT	MASS	TAN, TGL2

Observation Comment: horns, up to 25 mm dia, TGL1 filled with blood
Observation Comment: horn, 6x6x6 mm
[DILATION TGLS = TGL1]
[MASS TGLS = TGL2]

ANIMAL ID: 328	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD487
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701133

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS		HEMORRHAGE	MARKED
		INFLAMMATION	SUPPURATIVE, MARKED

Tissue Comment: TGL 1-18, TGL 2-19

[HEMORRHAGE TGLS = TGL2-19, TGL1-18, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL1]

[HEMORRHAGE TGLS = TGL2-19, TGL1-18, Gross Finding = UTERUS; LEFT; MASS; TAN; TGL2]

[INFLAMMATION TGLS = TGL2-19, TGL1-18, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL1]

[INFLAMMATION TGLS = TGL2-19, TGL1-18, Gross Finding = UTERUS; LEFT; MASS; TAN; TGL2]

CONTRIBUTORY CAUSE OF DEATH - UTERUS; INFLAMMATION; SUPPURATIVE

ANIMAL ID: 329	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD614
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701134

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	CAUDATE LOBE	CYST	CLEAR, TGL3
	LOBE, LEFT	CYST	CLEAR, TGL2
Observation Comment: 4x4x4 mm			
[CYST TGLS = TGL3]			
[CYST TGLS = TGL2]			
MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	TAN, TGL1
Observation Comment: 135x120x50 mm, TGL-1 = ulcerated			
[MASS TGLS = TGL1]			

ANIMAL ID: 329	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD614
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701134

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
BONE MARROW		HYPERCELLULARITY	MILD
BRAIN		ASTROCYTOMA	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		CHOLANGIOMA	
Tissue Comment: TGL 2-20, TGL 3-21			
[CHOLANGIOMA TGLS = TGL3-21, TGL2-20, Gross Finding = LIVER; CAUDATE LOBE; CYST; CLEAR; TGL3]			
[CHOLANGIOMA TGLS = TGL3-21, TGL2-20, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
		HYPERPLASIA	LYMPHOCYTE, MILD
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

CONTRIBUTORY CAUSE OF DEATH - BRAIN; ASTROCYTOMA

ANIMAL ID: 330	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701135

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SKIN
SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LACRIMAL GLAND	RIGHT	DISCOLORATION	DARK, TGL6
[DISCOLORATION TGLS = TGL6]			
LUNG		FOCUS	WHITE, TGL7, 1
Observation Comment: multiple, up to 3x3 mm, TGL7 affects all lobes			
[FOCUS TGLS = TGL7, 1]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 50x35x20 mm, TGL1 is necrotic			
[MASS TGLS = TGL1]			
OVARY	RIGHT	CYST	CLEAR, TGL4
Observation Comment: 8 mm dia			
[CYST TGLS = TGL4]			
PITUITARY GLAND		ENLARGED	RED, TGL5
Observation Comment: 6x4x3 mm			
[ENLARGED TGLS = TGL5]			
SPLEEN		ENLARGED	RED, TGL2
Observation Comment: 57x12x10 mm			
[ENLARGED TGLS = TGL2]			
UTERUS	LEFT	MASS	TAN, TGL3
Observation Comment: horn, 7x6x6 mm			

ANIMAL ID: 330	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701135

[MASS TGLS = TGL3]

ANIMAL ID: 330	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701135

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
BRAIN		ASTROCYTOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LACRIMAL GLAND		CONGESTION	MINIMAL
[CONGESTION TGLS = TGL 6-20, Gross Finding = LACRIMAL GLAND; RIGHT; DISCOLORATION; DARK; TGL6]			
LIVER		BASOPHILIC FOCUS	
LUNG		NO CORRESPONDING LESION	
Tissue Comment: TGL 7-7, TGL 7-8			
[NO CORRESPONDING LESION TGLS = TGL7-7, Gross Finding = LUNG; FOCUS; WHITE; TGL7, 1]			
LYMPH NODE, BRONCHIAL		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL1]			
OVARY		CYST	BURSAL
		CYST	FOLLICULAR
[CYST TGLS = TGL 4-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL4]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 5-12, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL5]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-9, Gross Finding = SPLEEN; ENLARGED; RED; TGL2]			
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 330	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701135

SQUAMOUS CELL CARCINOMA

[SQUAMOUS CELL CARCINOMA TGLS = TGL 3-18, Gross Finding = UTERUS; LEFT; MASS; TAN; TGL3]

ANIMAL ID: 331	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701136

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple, up to 2x2 mm, TGL5 affects all lobes			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	LEFT, INGUINAL	MASS	TAN, TGL1
	RIGHT, ABDOMINAL	MASS	MOTTLED, TGL2
	RIGHT, ABDOMINAL	MASS	TAN, TGL3
Observation Comment: 70x65x30 mm, TGL1 taken for Mol Bio, correlates to "Mass, abdomen, bilateral, large" seen clinically			
Observation Comment: 40x35x35 mm			
Observation Comment: 8x8x5 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
OVARY	LEFT	CYST	CLEAR, TGL4
Observation Comment: 10 mm dia			
[CYST TGLS = TGL4]			

ANIMAL ID: 331	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701136

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	NOSE
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
INTESTINE, LARGE, COLON	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; TAN; TGL1]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; MOTTLED; TGL2]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; TAN; TGL3]			
OVARY		CYST	FOLLICULAR
[CYST TGLS = TGL 4-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL4]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 332	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD592
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701137

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL6, 1
Observation Comment: multiple, up to 3x2 mm, TGL6 affects all lobes			
[FOCUS TGLS = TGL6, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	PALE, TGL1
Observation Comment: 90x80x65 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
SPLEEN		ENLARGED	RED, TGL5
Observation Comment: 15x13x7 mm			
[ENLARGED TGLS = TGL5]			
UTERUS	LEFT	MASS	DARK, TGL2
	RIGHT	MASS	DARK, TGL3
	RIGHT	MASS	DARK, TGL4
Observation Comment: horn, 35x30x20 mm			
Observation Comment: horn, 27x20x15 mm			
Observation Comment: horn, 23x20x13 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL4]			

ANIMAL ID: 332	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD592
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701137

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

PITUITARY GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		FOREIGN BODY	
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD

Tissue Comment: TGL 6-7, TGL 6-8

[INFILTRATION CELLULAR TGLS = TGL6-7, Gross Finding = LUNG; FOCUS; WHITE; TGL6, 1]

LYMPH NODE, BRONCHIAL		HEMORRHAGE	MODERATE
MAMMARY GLAND		FIBROADENOMA	

[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; PALE; TGL1]

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED

[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 5-9, Gross Finding = SPLEEN; ENLARGED; RED; TGL5]

THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS		HEMANGIOSARCOMA	
	ENDOMETRIUM	HYPERPLASIA	STROMAL, MARKED
		INFLAMMATION	SUPPURATIVE, MARKED

Tissue Comment: TGL 2-20, TGL 3-21, TGL 4-22

[HEMANGIOSARCOMA TGLS = TGL3-21, TGL2-20, TGL4-22, Gross Finding = UTERUS; LEFT; MASS; DARK; TGL2]

[HEMANGIOSARCOMA TGLS = TGL3-21, TGL2-20, TGL4-22, Gross Finding = UTERUS; RIGHT; MASS; DARK; TGL3]

[HEMANGIOSARCOMA TGLS = TGL3-21, TGL2-20, TGL4-22, Gross Finding = UTERUS; RIGHT; MASS; DARK; TGL4]

[INFLAMMATION TGLS = TGL3-21, TGL2-20, TGL4-22, Gross Finding = UTERUS; LEFT; MASS; DARK; TGL2]

ANIMAL ID: 332	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD592
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701137

[INFLAMMATION TGLS = TGL3-21, TGL2-20, TGL4-22, Gross Finding = UTERUS; RIGHT; MASS; DARK; TGL3]
[INFLAMMATION TGLS = TGL3-21, TGL2-20, TGL4-22, Gross Finding = UTERUS; RIGHT; MASS; DARK; TGL4]

CONTRIBUTORY CAUSE OF DEATH
- UTERUS; HEMANGIOSARCOMA
- UTERUS; INFLAMMATION; SUPPURATIVE

ANIMAL ID: 333	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD422
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701138

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 2x2 mm, TGL2 affects all lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, INGUINAL	MASS	MOTTLED, TGL1
Observation Comment: 130x110x25 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 333	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD422
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701138

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	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
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, ILEUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	STROMAL, MODERATE

CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 334	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701139

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple, 14x6 mm, TGL4 all lobes affected			
[FOCUS TGLS = TGL4, 1]			
MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 45x45x30 mm, TGL1 taken for Mol Bio			
[MASS TGLS = TGL1]			
OVARY	LEFT	CYST	CLEAR, TGL3
Observation Comment: 4x4x3 mm			
[CYST TGLS = TGL3]			
THYROID GLAND	RIGHT	NODULE	WHITE, TGL2, 1
Observation Comment: 1x1x1 mm			
[NODULE TGLS = TGL2, 1]			

ANIMAL ID: 334	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701139

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

LYMPH NODE, BRONCHIAL	THYMUS

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
BRAIN		ASTROCYTOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; MOTTLED; TGL1]			
OVARY		CYST	FOLLICULAR
[CYST TGLS = TGL 3-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL3]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
THYROID GLAND	C-CELL	ADENOMA	
[ADENOMA TGLS = TGL 2-12, Gross Finding = THYROID GLAND; RIGHT; NODULE; WHITE; TGL2, 1]			
UTERUS		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

ANIMAL ID: 335	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD584
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701140

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

BONE, FEMUR			
Tissue Comment: Left femur collected for decal sample			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 4x3 mm, TGL3 affects all lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	ABDOMINAL	MASS	MOTTLED, TGL1
	LEFT, THORACIC	MASS	MOTTLED, TGL2
Observation Comment: 118x97x95 mm, TGL1 engulfs right hind limb			
Observation Comment: 92x61x31 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			

ANIMAL ID: 335	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD584
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701140

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	UTERUS	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

Tissue Comment: TGL 3-7, TGL 3-8

[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]

MAMMARY GLAND — FIBROADENOMA

Tissue Comment: TGL 1-19, TGL 2-20

[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; ABDOMINAL; MASS; MOTTLED; TGL1]

[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL2]

PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL

CONTRIBUTORY CAUSE OF DEATH — - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 336	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701141

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LUNG		FOCUS	TAN, TGL4
Observation Comment: multiple, up to 5x5 mm, TGL-4 affects all lobes			
[FOCUS TGLS = TGL4]			
MAMMARY GLAND	RIGHT, AXILLARY	MASS	TAN, TGL3
	RIGHT, INGUINAL	MASS	TAN, TGL2
Observation Comment: 45x40x10 mm			
Observation Comment: 75x50x18 mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	PINK, TGL5
	RIGHT	CYST	PINK, TGL7
Observation Comment: up to 3x3 mm, found at trim			
[CYST TGLS = TGL5]			
[CYST TGLS = TGL7]			
PITUITARY GLAND		ENLARGED	DARK, TGL6
Observation Comment: 4x4x2 mm, found at trim			
[ENLARGED TGLS = TGL6]			
SKELETAL MUSCLE	LEFT	MASS	MOTTLED, TGL1

ANIMAL ID: 336	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701141

Observation Comment: rear, 70x70x30 mm
[MASS TGLS = TGL1]

ANIMAL ID: 336	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701141

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	NOSE	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		CARDIOMYOPATHY	MILD
	SCHWANN CELL	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD

Tissue Comment: TGL 4-7, TGL 4-8

[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; TAN; TGL4]

LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	
		FIBROADENOMA	

Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21

[ADENOCARCINOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; TAN; TGL2]

[ADENOCARCINOMA TGLS = TGL1-19, TGL2-20, Gross Finding = SKELETAL MUSCLE; LEFT; MASS; MOTTLED; TGL1]

[FIBROADENOMA TGLS = TGL3-21, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL3]

OVARY		CYST	FOLLICULAR

Tissue Comment: TGL 5-15, TGL 7-15

[CYST TGLS = TGL5-15, TGL7-15, Gross Finding = OVARY; LEFT; CYST; PINK; TGL5]

[CYST TGLS = TGL5-15, TGL7-15, Gross Finding = OVARY; RIGHT; CYST; PINK; TGL7]

PITUITARY GLAND	PARS DISTALIS	ADENOMA	

[ADENOMA TGLS = TGL 6-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL6]

ANIMAL ID: 336	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD572
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701141
SPLEEN			EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
THYMUS			CYST	
UTERUS	ENDOMETRIUM		HYPERPLASIA	CYSTIC, MODERATE
			INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM		METAPLASIA	SQUAMOUS, MILD
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA			

ANIMAL ID: 337	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701142

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple, up to 5x5x1 mm, TGL5 affects all lobes			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	INGUINAL	MASS	TAN, TGL2
	THORACIC	MASS	DARK, TGL1
Observation Comment: 81x67x52 mm, TGL2 = ulcerated, TGL2 taken for Mol Bio, TGL2 encompassed clitoral glands			
Observation Comment: 104x92x46 mm, TGL1 = ulcerated, TGL1 taken for Mol Bio			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
OVARY	LEFT	CYST	CLEAR, TGL3
	RIGHT	CYST	CLEAR, TGL4
Observation Comment: 4x4x2 mm			
Observation Comment: 5x4x2 mm			
[CYST TGLS = TGL3]			
[CYST TGLS = TGL4]			
PITUITARY GLAND		ENLARGED	DARK, TGL6
Observation Comment: 5x4x2 mm			
[ENLARGED TGLS = TGL6]			

ANIMAL ID: 337	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701142

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	NOSE	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MARKED
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		INFLAMMATION	CHRONIC-ACTIVE, MILD
LIVER		FIBROSIS	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; INGUINAL; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; THORACIC; MASS; DARK; TGL1]			
OVARY		CYST	FOLLICULAR
Tissue Comment: TGL 3-15, TGL 4-15			
[CYST TGLS = TGL3-15, TGL4-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL3]			
[CYST TGLS = TGL3-15, TGL4-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL4]			
PITUITARY GLAND	PARS DISTALIS	CYST	
[CYST TGLS = TGL 6-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL6]			
SPLEEN	WHITE PULP	ATROPHY	MODERATE
STOMACH, FORESTOMACH		ULCER	MARKED
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL

ANIMAL ID: 337	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701142

THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
VAGINA		INFLAMMATION	SUPPURATIVE, MILD
		ULCER	MODERATE

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 338	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701143

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LUNG	FOCUS	WHITE, TGL1, 1

Observation Comment: multiple, up to 7x5 mm, TGL1 affects all lobes

[FOCUS TGLS = TGL1, 1]

ANIMAL ID: 338	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701143

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	OVARY
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MINIMAL
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		FOREIGN BODY	
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
PANCREAS	ACINUS	HYPERPLASIA	MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
SPLEEN	WHITE PULP	ATROPHY	MILD
	RED PULP	PIGMENT	INCREASED, MILD
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 339	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD585
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701144

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 5x5 mm, TGL3 affects all lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	MOTTLED, TGL1
	RIGHT, AXILLARY	MASS	PALE, TGL2
Observation Comment: 100x75x45 mm			
Observation Comment: 60x50x38 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 339	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD585
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701144

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; MOTTLED; TGL1]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; PALE; TGL2]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
	RATHKE'S CLEFT	CYST	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
		HYPERPLASIA	LYMPHOCYTE, MILD
STOMACH, GLANDULAR		MINERAL	MINIMAL
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD
		POLYP	STROMAL

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 340	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD382
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701145

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	VAGINA	ZYMBALS GLAND

OBSERVATIONS

HEART	LEFT, ATRIUM	NODULE	WHITE, TGL3, 1
Observation Comment: 4x4x3 mm			
[NODULE TGLS = TGL3, 1]			
LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: multiple, up to 10x5 mm, TGL4 involves all lung lobes			
[FOCUS TGLS = TGL4, 1]			
MAMMARY GLAND	RIGHT, AXILLARY	MASS	RED, TGL1
Observation Comment: 20x20x10 mm, TGL1 is ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	RED, TGL2
Observation Comment: horns, up to 14 mm diameter, TGL2 is filled with thick red material			
[DILATION TGLS = TGL2]			

ANIMAL ID: 340	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD382
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701145

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

HEART		CARDIOMYOPATHY	MILD
	ATRIUM	THROMBUS	
[THROMBUS TGLS = TGL 3-20, Gross Finding = HEART; LEFT, ATRIUM; NODULE; WHITE; TGL3, 1]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		HEMORRHAGE	MILD
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MARKED
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOMA	
[ADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; RED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
UTERUS		HEMORRHAGE	MODERATE
		INFLAMMATION	SUPPURATIVE, MARKED
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE
Tissue Comment: TGL 2-17, TGL 2-18			
[INFLAMMATION TGLS = TGL2-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL2]			

CONTRIBUTORY CAUSE OF DEATH - HEART; THROMBUS; ATRIUM

ANIMAL ID: 341	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD702
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701146

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
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, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

EYE		SMALL	TGL7
Observation Comment: unilateral, 0.5x, found at trim			
[SMALL TGLS = TGL7]			
KIDNEY	LEFT	DEFORMITY	PALE, TGL4
	RIGHT	DEFORMITY	PALE, TGL3
Observation Comment: TGL4 = granular			
Observation Comment: TGL3 = granular			
[DEFORMITY TGLS = TGL4]			
[DEFORMITY TGLS = TGL3]			
LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to 30x25 mm, TGL2 affects all lung lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 30x25x15 mm, TGL1 is ulcerated, TGL1 taken at necropsy for molecular collection			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	CLEAR, TGL6
	RIGHT	CYST	CLEAR, TGL5
Observation Comment: 5 mm dia			

ANIMAL ID: 341	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD702
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701146

Observation Comment: 10 mm dia
[CYST TGLS = TGL6]
[CYST TGLS = TGL5]

ANIMAL ID: 341	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD702
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701146

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MEDIASTINAL	NOSE	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX

Insufficient Tissue

VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
	CORTEX	NECROSIS	MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
EYE	LENS	CATARACT	MARKED
[CATARACT TGLS = TGL 7-14, Gross Finding = EYE; SMALL; TGL7]			
HEART		CARDIOMYOPATHY	MILD
	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
Tissue Comment: TGL 3-9, TGL 4-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL3]			
LIVER		NECROSIS	MODERATE
LUNG		EDEMA	MARKED
	ALVEOLUS	INFILTRATION CELLULAR	DIFFUSE, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, BRONCHIAL		INFLAMMATION	SUPPURATIVE, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD

ANIMAL ID: 341	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD702
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701146

MAMMARY GLAND		ADENOCARCINOMA	
	DUCT	DILATION	MARKED
	DUCT	HYPERPLASIA	MODERATE
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL1]			
OVARY		CYST	FOLLICULAR
Tissue Comment: TGL 5-15, TGL 6-15			
[CYST TGLS = TGL6-15, TGL5-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL6]			
[CYST TGLS = TGL6-15, TGL5-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL5]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	DIFFUSE, MODERATE
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
		INFLAMMATION	SUPPURATIVE, MILD
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA		

ANIMAL ID: 342	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD459
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701147

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

UTERUS	BILATERAL	DILATION	DARK, TGL1

Observation Comment: horns, up to 47 mm dia, TGL-1 contains bloody fluid
[DILATION TGLS = TGL1]

ANIMAL ID: 342	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD459
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701147

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	ADENOMA	
	CORTEX	DEGENERATION	CYSTIC, MINIMAL
BONE MARROW		HYPERCELLULARITY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
		HYPERPLASIA	LYMPHOCYTE, MILD
UTERUS		HEMORRHAGE	MARKED
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE

Tissue Comment: TGL 1-17, TGL 1-18, TGL 1-19

[INFLAMMATION TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL1]

CONTRIBUTORY CAUSE OF DEATH - UTERUS; HEMORRHAGE

ANIMAL ID: 343	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701148

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

MAMMARY GLAND	LEFT, CERVICAL	MASS	TAN, TGL1
	RIGHT, INGUINAL	MASS	MOTTLED, TGL2
Observation Comment: 17x16x10 mm			
Observation Comment: 20x20x12 mm, TGL2 taken for Mol Bio			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
OVARY	RIGHT	CYST	CLEAR, TGL4
Observation Comment: 7 mm dia			
[CYST TGLS = TGL4]			
UTERUS	RIGHT	MASS	MOTTLED, TGL3
Observation Comment: horn, 10x5x5 mm			
[MASS TGLS = TGL3]			

ANIMAL ID: 343	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701148

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-20, TGL 2-19			
[FIBROADENOMA TGLS = TGL1-20, TGL2-19, Gross Finding = MAMMARY GLAND; LEFT, CERVICAL; MASS; TAN; TGL1]			
[FIBROADENOMA TGLS = TGL1-20, TGL2-19, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; MOTTLED; TGL2]			
OVARY		CYST	BURSAL
[CYST TGLS = TGL 4-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL4]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
THYROID GLAND	C-CELL	ADENOMA	
UTERUS		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 3-18, Gross Finding = UTERUS; RIGHT; MASS; MOTTLED; TGL3]			

ANIMAL ID: 344	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD479
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701149

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
SKIN	RIGHT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 30x20x7 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 344	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD479
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701149

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	UTERUS	VAGINA

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		INFLAMMATION	SUPPURATIVE, MARKED
LIVER	CENTRILOBULAR, HEPATOCYTE	DEGENERATION	MILD
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MINIMAL
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-19, Gross Finding = SKIN; RIGHT, THORACIC; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD

CONTRIBUTORY CAUSE OF DEATH - SKIN; FIBROSARCOMA

ANIMAL ID: 345	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701150

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

ADRENAL GLAND	RIGHT	ENLARGED	RED, TGL6
Observation Comment: 6x5x4 mm			
[ENLARGED TGLS = TGL6]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 2x2 mm, TGL3 affects all lung lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	TAN, TGL2
	RIGHT, THORACIC	MASS	TAN, TGL1
Observation Comment: 90x60x40 mm			
Observation Comment: 100x90x40 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
OVARY	LEFT	SMALL	TGL7
Observation Comment: 0.5x, found at trim			
[SMALL TGLS = TGL7]			
UTERUS		NODULE	RED, TGL5
		NODULE	RED, THREE, TGL4, 2
Observation Comment: horn, 4x4x4 mm			
[NODULE TGLS = TGL5]			

ANIMAL ID: 345	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701150

[NODULE TGLS = TGL4, 2]

ANIMAL ID: 345	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701150

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	NOSE
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
	MEDULLA	THROMBUS	
[THROMBUS TGLS = TGL 6-12, Gross Finding = ADRENAL GLAND; RIGHT; ENLARGED; RED; TGL6]			
BONE MARROW		HYPERCELLULARITY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND	DUCT	DILATION	MODERATE
		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; TAN; TGL1]			
OVARY		ATROPHY	MILD
[ATROPHY TGLS = TGL 7-15, Gross Finding = OVARY; LEFT; SMALL; TGL7]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
	PARS DISTALIS	CYST	

ANIMAL ID: 345	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701150

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
		HYPERPLASIA	LYMPHOCYTE, MODERATE
THYROID GLAND	C-CELL	ADENOMA	
	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS		THROMBUS	

Tissue Comment: TGL 4-17, TGL 4-18, TGL 5-17, TGL 5-18

[THROMBUS TGLS = TGL5-17, TGL4-17, Gross Finding = UTERUS; NODULE; RED, THREE; TGL4, 2]

[THROMBUS TGLS = TGL5-17, TGL4-17, Gross Finding = UTERUS; NODULE; RED; TGL5]

CONTRIBUTORY CAUSE OF DEATH - PITUITARY GLAND; ADENOMA; PARS DISTALIS

ANIMAL ID: 346	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD544
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701151

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	LOBE, MEDIAN	CYST	CLEAR, TGL1
Observation Comment: 10x8x4 mm			
[CYST TGLS = TGL1]			
LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: multiple, up to3x2 mm, TGL-2 affects all lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	MOTTLED, TGL3
Observation Comment: 75x70x40 mm, TGL-3 involves Rt forelimb			
[MASS TGLS = TGL3]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 346	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD544
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701151

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE, FEMUR	BRAIN	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

THYMUS

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CORTEX	NECROSIS	MARKED
AORTA		MINERAL	MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		CHOLANGIOMA	
		INFILTRATION CELLULAR	MIXED, MINIMAL
Tissue Comment: TGL 1-20			
[CHOLANGIOMA TGLS = TGL 1-20, Gross Finding = LIVER; LOBE, MEDIAN; CYST; CLEAR; TGL1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	
Tissue Comment: TGL 3-19			
[ADENOCARCINOMA TGLS = TGL 3-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL3]			
SPLEEN	WHITE PULP	ATROPHY	MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 346	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD544
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701151

	ENDOMETRIUM	INFLAMMATION	SUPPURATIVE, MILD
		METAPLASIA	SQUAMOUS, MILD
		POLYP	STROMAL
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA		

ANIMAL ID: 347	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD476
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701152

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	DARK, TGL1

Observation Comment: uterine horns, 15 mm dia
[DILATION TGLS = TGL1]

ANIMAL ID: 347	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD476
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701152

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS		HEMORRHAGE	MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE

Tissue Comment: TGL 1-17, TGL 1-18

[HEMORRHAGE TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL1]

CONTRIBUTORY CAUSE OF DEATH - UTERUS; HEMORRHAGE

ANIMAL ID: 348	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD551
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701153

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	CLEAR, TGL2
Observation Comment: 8x6x5 mm, found at trim			
[CYST TGLS = TGL2]			
UTERUS	BILATERAL	DILATION	RED, TGL1
Observation Comment: horn, up to 18 mm diameter			
[DILATION TGLS = TGL1]			

ANIMAL ID: 348	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD551
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701153

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LARYNX		FOREIGN BODY	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
OVARY		CYST	BURSAL
Tissue Comment: TGL 2-15			
[CYST TGLS = TGL 2-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL2]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MILD
UTERUS		HEMORRHAGE	MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE
Tissue Comment: TGL 1-17, TGL 1-18, TGL 1-19			
[HEMORRHAGE TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL1]			

CONTRIBUTORY CAUSE OF DEATH	- UTERUS; HEMORRHAGE

ANIMAL ID: 349	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD648
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701154

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	PELVIS, LEFT	DILATION	TGL2
Observation Comment: 12x10 mm			
[DILATION TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: multiple, up to 12x7 mm, TGL5 affects all lung lobes			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	RIGHT, AXILLARY	MASS	MOTTLED, TGL1
Observation Comment: 20x10x4 mm			
[MASS TGLS = TGL1]			
OVARY	RIGHT	CYST	CLEAR, TGL3
Observation Comment: 5x4x3 mm			
[CYST TGLS = TGL3]			
UTERUS	BILATERAL	DILATION	RED, TGL4
Observation Comment: horns, up to 22 mm dia			
[DILATION TGLS = TGL4]			

ANIMAL ID: 349	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD648
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701154

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PELVIS	DILATION	MARKED
[DILATION TGLS = TGL 2-9, Gross Finding = KIDNEY; PELVIS, LEFT; DILATION; TGL2]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	LYMPHOCYTE, MODERATE
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19			
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; MOTTLED; TGL1]			
OVARY		FIBROSIS	MARKED
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
Tissue Comment: TGL 3-15			
[INFLAMMATION TGLS = TGL 3-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL3]			
UTERUS		ADENOCARCINOMA	
		HEMORRHAGE	MARKED

ANIMAL ID: 349	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD648
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701154

ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

Tissue Comment: TGL 4-17, TGL 4-18

[HEMORRHAGE TGLS = TGL4-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL4]

CONTRIBUTORY CAUSE OF DEATH - UTERUS; ADENOCARCINOMA

ANIMAL ID: 350	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD635
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701155

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: multiple, up to 15x10 mm, TGL3 affects all lung lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 130x110x70 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	RIGHT	CYST	CLEAR, TGL2
Observation Comment: 3x3x3 mm			
[CYST TGLS = TGL2]			
PITUITARY GLAND		NODULE	DARK, TGL4
Observation Comment: 3x3x2 mm			
[NODULE TGLS = TGL4]			

ANIMAL ID: 350	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD635
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701155

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
NOSE	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	CENTRILOBULAR, HEPATOCYTE	DEGENERATION	MINIMAL
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
LYMPH NODE, MEDIASTINAL		INFILTRATION CELLULAR	HISTIOCYTE, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
	DUCT	HYPERPLASIA	MODERATE
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL1]			
OVARY		CYST	BURSAL
Tissue Comment: TGL 2-15			
[CYST TGLS = TGL 2-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL2]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
Tissue Comment: TGL 4-12			
[HYPERPLASIA TGLS = TGL 4-12, Gross Finding = PITUITARY GLAND; NODULE; DARK; TGL4]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE

ANIMAL ID: 350	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD635
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701155

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; FIBROADENOMA		

ANIMAL ID: 351	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701156

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	RIGHT	ENLARGED	MOTTLED, TGL4
Observation Comment: 2x			
[ENLARGED TGLS = TGL4]			
LIVER		FOCUS	WHITE, TGL5, 1
Observation Comment: up to 7x5mm; TGL 5 affects all liver lobes; multiple; found at trim			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	TAN, TGL2
	RIGHT, THORACIC	MASS	RED, TGL1
Observation Comment: 70x55x30mm			
Observation Comment: 85x70x45mm; TGL 1= ulcerated; TGL 1 taken for Mol Bio			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
OVARY	LEFT	CYST	CLEAR, TGL3
Observation Comment: 3x3x3mm			
[CYST TGLS = TGL3]			

ANIMAL ID: 351	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701156

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	ESOPHAGUS
EYE	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	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	UTERUS	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
[DEGENERATION TGLS = TGL 4-12, Gross Finding = ADRENAL GLAND; RIGHT; ENLARGED; MOTTLED; TGL4]			
BONE MARROW		HYPERCELLULARITY	MARKED
CLITORAL GLAND		INFLAMMATION	ACUTE, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	MULTIPLE
		EXTRAMEDULLARY HEMATOPOIESIS	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
Tissue Comment: TGL 5-13, TGL 5-20			
[EOSINOPHILIC FOCUS TGLS = TGL5-13, Gross Finding = LIVER; FOCUS; WHITE; TGL5, 1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
		HYPERPLASIA	LOBULOALVEOLAR, MODERATE
Tissue Comment: TGL 1-19, TGL 2-21			
[FIBROADENOMA TGLS = TGL2-21, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL2-21, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; RED; TGL1]			
OVARY	PARAOVARIAN TISSUE	CYST	
[CYST TGLS = TGL 3-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL3]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL

ANIMAL ID: 352	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD257
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701157

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 57x45x23mm; TGL 1= ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
Observation Comment: Left front paw toes are missing due to cannibalization			
UTERUS	BILATERAL	DILATION	RED, TGL2
Observation Comment: horns; Up to 15mm diameter; TGL 2 is filled with dark red fluid.			
[DILATION TGLS = TGL2]			

ANIMAL ID: 352	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD257
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701157

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS		NO CORRESPONDING LESION	
Tissue Comment: TGL 2-17, TGL 2-18			
[NO CORRESPONDING LESION TGLS = TGL2-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL2]			

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 353	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD436
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701158

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: TGL 2 affects all lobes; up to 5x5 mm; multiple			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	LEFT, INGUINAL	MASS	MOTTLED, TGL1
Observation Comment: 30x30x10mm; TGL1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
THYMUS		SMALL	TAN, TGL3
Observation Comment: 0.25x			
[SMALL TGLS = TGL3]			

ANIMAL ID: 353	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD436
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701158

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
THYMUS		ATROPHY	MARKED
[ATROPHY TGLS = TGL 3-7, Gross Finding = THYMUS; SMALL; TAN; TGL3]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 354	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD352
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701159

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: up to 4x3mm; TGL 2 affects all lobes; found at trim			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 75x55x50mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 354	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD352
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701159

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PITUITARY GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

Autolysis Precludes Examination

BONE MARROW

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
PARATHYROID GLAND		FIBROSIS	MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 355	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD393
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701160

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

MAMMARY GLAND	LEFT, INGUINAL	MASS	MOTTLED, TGL1
Observation Comment: 45x30x20mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 355	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD393
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701160

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		FOREIGN BODY	
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
		HYPERPLASIA	LYMPHOCYTE, MILD
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	STROMAL, MILD

CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 356	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD690
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701161

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: TGL 3 affects all lung lobes; up to 20x15mm; multiple			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL2
	RIGHT, ABDOMINAL	MASS	TAN, TGL1
Observation Comment: 30x23x10mm			
Observation Comment: TGL 1 is ulcerated; 110x100x40mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
STOMACH, FORESTOMACH		NODULE	TAN, TGL4
Observation Comment: up to 5x3x2mm; multiple; found at trim			
[NODULE TGLS = TGL4]			

ANIMAL ID: 356	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD690
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701161

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	ESOPHAGUS
EYE	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	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	UTERUS	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MARKED
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
BONE MARROW		HYPERCELLULARITY	MODERATE
CLITORAL GLAND	DUCT	DILATION	MODERATE
		INFLAMMATION	ACUTE, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; TAN; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MILD
Tissue Comment: TGL 4-10			
[HYPERPLASIA TGLS = TGL 4-10, Gross Finding = STOMACH, FORESTOMACH; NODULE; TAN; TGL4]			

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 357	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD436
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701162

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG	ACCESSORY LOBE	MASS	TAN, TGL6
	LOBE, LEFT	MASS	TAN, TGL3
	LOBE, LEFT	MASS	TAN, TGL4
	LOBE, LEFT	MASS	TAN, TGL5
	RIGHT LOBE	MASS	CAUDAL, RED, 1, TGL7

Tissue Comment: There are >5 masses or nodules in the lung lobes involving all lobes, largest 5 listed.
Observation Comment: 8x8x6mm
Observation Comment: 15x13x10mm
Observation Comment: 7x6x3mm
Observation Comment: 6x5x3mm
Observation Comment: 7x5x5mm
[MASS TGLS = TGL6]
[MASS TGLS = TGL3]
[MASS TGLS = TGL4]
[MASS TGLS = TGL5]
[MASS TGLS = 1, TGL7]

MAMMARY GLAND	RIGHT, AXILLARY	MASS	MOTTLED, TGL1

Observation Comment: 60x55x20mm; TGL 1= ulcerated

ANIMAL ID: 357	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD436
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701162

[MASS TGLS = TGL1]		
NO CORRELATE	TO OBSERVATION / MASS	
SPLEEN	ENLARGED	RED, TGL2
Observation Comment: 57x15mm		
[ENLARGED TGLS = TGL2]		

ANIMAL ID: 357	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD436
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701162

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MEDIASTINAL	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	UTERUS	VAGINA	

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MARKED
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, ILEUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		ADENOCARCINOMA	METASTATIC

Tissue Comment: TGL 3-20, TGL 4-20, TGL 5-20, TGL 6-21, TGL 7-8

[ADENOCARCINOMA TGLS = TGL3-20, TGL4-20, TGL5-20, TGL7-8, TGL6-21, Gross Finding = LUNG; ACCESSORY LOBE; MASS; TAN; TGL6]

[ADENOCARCINOMA TGLS = TGL3-20, TGL4-20, TGL5-20, TGL7-8, TGL6-21, Gross Finding = LUNG; LOBE, LEFT; MASS; TAN; TGL3]

[ADENOCARCINOMA TGLS = TGL3-20, TGL4-20, TGL5-20, TGL7-8, TGL6-21, Gross Finding = LUNG; LOBE, LEFT; MASS; TAN; TGL4]

[ADENOCARCINOMA TGLS = TGL3-20, TGL4-20, TGL5-20, TGL7-8, TGL6-21, Gross Finding = LUNG; LOBE, LEFT; MASS; TAN; TGL5]

[ADENOCARCINOMA TGLS = TGL3-20, TGL4-20, TGL5-20, TGL7-8, TGL6-21, Gross Finding = LUNG; RIGHT LOBE; MASS; CAUDAL, RED; 1, TGL7]

LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	

[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; MOTTLED; TGL1]

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED

[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-9, Gross Finding = SPLEEN; ENLARGED; RED; TGL2]

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 358	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD262
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701163

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	RED, TGL1

Observation Comment: horns; TGL 1 accounted for the mass palpated clinically; 17mm dia
[DILATION TGLS = TGL1]

ANIMAL ID: 358	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD262
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701163

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

BONE MARROW	HYPERCELLULARITY	MODERATE
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LYMPH NODE, MANDIBULAR	HYPERPLASIA	PLASMA CELL, MINIMAL
SPLEEN	EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS	HEMORRHAGE	MARKED
	INFLAMMATION	CHRONIC-ACTIVE, MODERATE

Tissue Comment: TGl 1-17, TGL 1-18

[HEMORRHAGE TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL1]

[INFLAMMATION TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL1]

CONTRIBUTORY CAUSE OF DEATH - UTERUS; HEMORRHAGE

ANIMAL ID: 359	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD469
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701164

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

HEART	LEFT, SEPTUM	NODULE	WHITE, TGL5, 1
Observation Comment: 5x3x2mm; found at trim			
[NODULE TGLS = TGL5, 1]			
LUNG		FOCUS	WHITE, TGL3, 1
Observation Comment: up to 3x2mm; TGL 3 affects all lobes; multiple			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 90x80x40 mm			
[MASS TGLS = TGL1]			
THYMUS		SMALL	TGL2
Observation Comment: 0.5x			
[SMALL TGLS = TGL2]			
UTERUS	LEFT	ENLARGED	MOTTLED, TGL4
Observation Comment: horn; 40x15x10mm			
[ENLARGED TGLS = TGL4]			

ANIMAL ID: 359	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD469
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701164

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERPLASIA	MULTIFOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART	EPICARDIUM	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
	MYOCARDIUM	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
[INFLAMMATION TGLS = TGL 5-11, Gross Finding = HEART; LEFT, SEPTUM; NODULE; WHITE; TGL5, 1]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LUNG		HEMORRHAGE	MILD
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; WHITE; TGL3, 1]			
LYMPH NODE, MANDIBULAR		INFILTRATION CELLULAR	HISTIOCYTE, MILD
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
THYMUS		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 2-7, Gross Finding = THYMUS; SMALL; TGL2]			
UTERUS		HEMORRHAGE	MARKED
		INFLAMMATION	SUPPURATIVE, MODERATE
Tissue Comment: TGL 4-17, TGL 4-18			

ANIMAL ID: 359	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD469
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701164

[HEMORRHAGE TGLS = TGL4-17, Gross Finding = UTERUS; LEFT; ENLARGED; MOTTLED; TGL4]
[INFLAMMATION TGLS = TGL4-17, Gross Finding = UTERUS; LEFT; ENLARGED; MOTTLED; TGL4]

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 360	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD341
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701165

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

SKIN	RIGHT, FORELIMB	MASS	MOTTLED, TGL1
Observation Comment: 65x50x25mm; TGL 1 = ulcerated			
[MASS TGLS = TGL1]			
UTERUS	LEFT	NODULE	RED, THREE, TGL2, 2
Observation Comment: horn; up to 5x5x3mm			
[NODULE TGLS = TGL2, 2]			

ANIMAL ID: 360	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD341
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701165

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MINIMAL
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART	VALVE	INFLAMMATION	SUPPURATIVE, MARKED
KIDNEY		INFLAMMATION	SUPPURATIVE, MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		ADENOCARCINOMA	METASTATIC
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = SKIN; RIGHT, FORELIMB; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	STROMAL, MILD
		POLYP	STROMAL
[POLYP TGLS = TGL 2-20, Gross Finding = UTERUS; LEFT; NODULE; RED, THREE; TGL2, 2]			

CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 361	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD354
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701166

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

OVARY	RIGHT	CYST	CLEAR, TGL3
	LEFT	ENLARGED	TGL2
Observation Comment: 4x4x3mm			
Observation Comment: 15x10x8mm			
[CYST TGLS = TGL3]			
[ENLARGED TGLS = TGL2]			
SKIN	LEFT, THORACIC	MASS	DARK, TGL1
Observation Comment: 40x20x15mm; TGL1 = Ulcerated			
[MASS TGLS = TGL1]			

ANIMAL ID: 361	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD354
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701166

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = SKIN; LEFT, THORACIC; MASS; DARK; TGL1]			
OVARY		CYST	FOLLICULAR
		INFLAMMATION	SUPPURATIVE, MARKED
Tissue Comment: TGL 2-15, TGL 3-15			
[CYST TGLS = TGL3-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL3]			
[INFLAMMATION TGLS = TGL3-15, TGL2-15, Gross Finding = OVARY; LEFT; ENLARGED; TGL2]			
[INFLAMMATION TGLS = TGL3-15, TGL2-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL3]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	STROMAL, MILD
		INFLAMMATION	SUPPURATIVE, MODERATE

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 362	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD653
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701167

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	DARK, TGL9
Observation Comment: 2x			
[ENLARGED TGLS = TGL9]			
LIVER	LOBE, LEFT	NODULE	WHITE, TGL1, 1
Observation Comment: 4x2x2mm			
[NODULE TGLS = TGL1, 1]			
LUNG		FOCUS	WHITE, TGL11, 1
Observation Comment: TGL 11 affects all lung lobes; up to 3x2mm; multiple			
[FOCUS TGLS = TGL11, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL3
	LEFT, INGUINAL	MASS	TAN, TGL4
	RIGHT, AXILLARY	MASS	TAN, TGL10
	RIGHT, AXILLARY	MASS	TAN, TGL2
Observation Comment: 41x32x18mm			
Observation Comment: 70x45x8mm			
Observation Comment: 25x12x7mm			
Observation Comment: 62x50x18mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL4]			

ANIMAL ID: 362	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD653
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701167

[MASS TGLS = TGL10]			
[MASS TGLS = TGL2]			
MESENTERY		NODULE	WHITE, TGL13, 1
		NODULE	WHITE, TGL14, 1
Observation Comment: fat; up to 3x2x2mm; multiple; TGL 13 >5 nodules present			
Observation Comment: fat, 12x8x6 mm			
[NODULE TGLS = TGL13, 1]			
[NODULE TGLS = TGL14, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	RIGHT	CYST	CLEAR, TGL7
Observation Comment: 21x15x14mm			
[CYST TGLS = TGL7]			
SKELETAL MUSCLE	DIAPHRAGM	NODULE	FOUR, WHITE, TGL8, 2
Observation Comment: up to 5x5x2mm			
[NODULE TGLS = TGL8, 2]			
SKIN	LEFT	NODULE	WHITE, TGL12, 1
Observation Comment: front leg; 5x4x2mm			
[NODULE TGLS = TGL12, 1]			
UTERUS	LEFT	MASS	MOTTLED, TGL5
	RIGHT	MASS	MOTTLED, TGL6
Observation Comment: horn; 55x52x45mm; TGL 5 incorporates the pancreas and left ovary			
Observation Comment: horn; 45x30x25mm; TGL 6 incorporates the right ovary			
[MASS TGLS = TGL5]			
[MASS TGLS = TGL6]			

ANIMAL ID: 362	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD653
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701167

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MARKED
[DEGENERATION TGLS = TGL 9-12, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; DARK; TGL9]			
BONE MARROW		HYPERCELLULARITY	MARKED
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, LARGE, COLON		SQUAMOUS CELL CARCINOMA	METASTATIC
KIDNEY		CALCULUS	
		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		FOREIGN BODY	
LIVER		SQUAMOUS CELL CARCINOMA	METASTATIC
[SQUAMOUS CELL CARCINOMA TGLS = TGL 1-19, Gross Finding = LIVER; LOBE, LEFT; NODULE; WHITE; TGL1, 1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 11-7, TGL 11-8			
[INFILTRATION CELLULAR TGLS = TGL11-7, Gross Finding = LUNG; FOCUS; WHITE; TGL11, 1]			
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 3-21, TGL 4-22, TGL 10-23, TGL 2-20			
[FIBROADENOMA TGLS = TGL10-23, TGL4-22, TGL3-21, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL3]			
[FIBROADENOMA TGLS = TGL10-23, TGL4-22, TGL3-21, TGL2-20, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; TAN; TGL4]			
[FIBROADENOMA TGLS = TGL10-23, TGL4-22, TGL3-21, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL10]			
[FIBROADENOMA TGLS = TGL10-23, TGL4-22, TGL3-21, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL2]			
MESENTERY		SQUAMOUS CELL CARCINOMA	METASTATIC
Tissue Comment: TGL 14-28, TGL 13-27			
Observation Comment: uterus = primary			

ANIMAL ID: 362	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD653
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701167

[SQUAMOUS CELL CARCINOMA TGLS = TGL14-28, TGL13-27, Gross Finding = MESENTERY; NODULE; WHITE; TGL13, 1]
[SQUAMOUS CELL CARCINOMA TGLS = TGL14-28, TGL13-27, Gross Finding = MESENTERY; NODULE; WHITE; TGL14, 1]

OVARY		SQUAMOUS CELL CARCINOMA	METASTATIC

[SQUAMOUS CELL CARCINOMA TGLS = TGL 7-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL7]

PANCREAS	ACINUS	SQUAMOUS CELL CARCINOMA	METASTATIC
SKELETAL MUSCLE		SQUAMOUS CELL CARCINOMA	METASTATIC

[SQUAMOUS CELL CARCINOMA TGLS = TGL 8-24, Gross Finding = SKELETAL MUSCLE; DIAPHRAGM; NODULE; FOUR, WHITE; TGL8, 2]

SKIN		CYST	SQUAMOUS

[CYST TGLS = TGL 12-25, Gross Finding = SKIN; LEFT; NODULE; WHITE; TGL12, 1]

SPLEEN		SQUAMOUS CELL CARCINOMA	METASTATIC

Observation Comment: uterus = primary

UTERUS		SQUAMOUS CELL CARCINOMA	

Tissue Comment: TGL 5-26, TGL 6-18

[SQUAMOUS CELL CARCINOMA TGLS = TGL5-26, TGL6-18, Gross Finding = UTERUS; LEFT; MASS; MOTTLED; TGL5]
[SQUAMOUS CELL CARCINOMA TGLS = TGL5-26, TGL6-18, Gross Finding = UTERUS; RIGHT; MASS; MOTTLED; TGL6]

CONTRIBUTORY CAUSE OF DEATH - UTERUS; SQUAMOUS CELL CARCINOMA

ANIMAL ID: 363	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD340
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701168

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

EYE	BILATERAL	DISCOLORATION	OPAQUE, TGL2
Observation Comment: TGL 2 accounts for eye abnormality			
[DISCOLORATION TGLS = TGL2]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	MOTTLED, TGL1
Observation Comment: TGL 1 is ulcerated; 40x30x15mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 363	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD340
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701168

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MODERATE
EYE	CORNEA	EDEMA	MINIMAL
[EDEMA TGLS = TGL 2-14, Gross Finding = EYE; BILATERAL; DISCOLORATION; OPAQUE; TGL2]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PELVIS	DILATION	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; MOTTLED; TGL1]			
OVARY		LEIOMYOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
STOMACH, GLANDULAR		MINERAL	MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	STROMAL, MINIMAL
		INFLAMMATION	SUPPURATIVE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 364	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701169

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL8, 1
Observation Comment: Up to 15x12mm; multiple; TGL 8 affects all lobes			
[FOCUS TGLS = TGL8, 1]			
MAMMARY GLAND	LEFT, ABDOMINAL	MASS	TAN, TGL1
	LEFT, AXILLARY	MASS	TAN, TGL4
	RIGHT, AXILLARY	MASS	TAN, TGL2
	RIGHT, AXILLARY	MASS	TAN, TGL3
Observation Comment: 65x50x30mm; TGL 1 taken for Mol Bio			
Observation Comment: 25x20x15mm			
Observation Comment: 30x25x15mm			
Observation Comment: 10x12x8mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL4]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
OVARY	LEFT	CYST	CLEAR, THREE, TGL6, 2
	RIGHT	CYST	CLEAR, TGL7
Observation Comment: up to 13mm dia			
Observation Comment: 4 mm dia			

ANIMAL ID: 364	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701169

[CYST TGLS = TGL6, 2]		
[CYST TGLS = TGL7]		
UTERUS	MASS	TAN, TGL5
Observation Comment: body; 15x10x9mm		
[MASS TGLS = TGL5]		

ANIMAL ID: 364	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701169

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERPLASIA	FOCAL, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
		PHEOCHROMOCYTOMA	BENIGN
BONE MARROW		HYPERCELLULARITY	MODERATE
CLITORAL GLAND		SQUAMOUS CELL CARCINOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PELVIS	DILATION	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
		MIXED CELL FOCUS	MULTIPLE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

Tissue Comment: TGL 8-7, TGL 8-8

[INFILTRATION CELLULAR TGLS = TGL8-7, Gross Finding = LUNG; FOCUS; WHITE; TGL8, 1]

LYMPH NODE, MANDIBULAR	HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND	ADENOCARCINOMA	
	FIBROADENOMA	

Tissue Comment: TGL 4-22, TGL 1-19, TGL 3-21, TGL 2-20

[ADENOCARCINOMA TGLS = TGL4-22, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL4]

[FIBROADENOMA TGLS = TGL2-20, TGL1-19, TGL3-21, Gross Finding = MAMMARY GLAND; LEFT, ABDOMINAL; MASS; TAN; TGL1]

ANIMAL ID: 364	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701169

[FIBROADENOMA TGLS = TGL2-20, TGL1-19, TGL3-21, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL2]			
[FIBROADENOMA TGLS = TGL2-20, TGL1-19, TGL3-21, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL3]			
OVARY	BILATERAL	CYST	BURSAL
Tissue Comment: TGL 6-15, TGL 7-15			
[CYST TGLS = TGL7-15, TGL6-15, Gross Finding = OVARY; LEFT; CYST; CLEAR, THREE; TGL6, 2]			
[CYST TGLS = TGL7-15, TGL6-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL7]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MARKED
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL
UTERUS		ADENOCARCINOMA	
		INFLAMMATION	SUPPURATIVE, MILD
		POLYP	STROMAL
[ADENOCARCINOMA TGLS = TGL 5-18, Gross Finding = UTERUS; MASS; TAN; TGL5]			

ANIMAL ID: 365	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD250
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701170

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 75x55x45mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
SPLEEN		ENLARGED	TGL2
Observation Comment: 55x15x5mm			
[ENLARGED TGLS = TGL2]			
THYMUS		SMALL	TGL3
Observation Comment: 0.5x			
[SMALL TGLS = TGL3]			

ANIMAL ID: 365	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD250
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701170

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, GLANDULAR	TRACHEA	URINARY BLADDER
UTERINE CERVIX	UTERUS	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-9, Gross Finding = SPLEEN; ENLARGED; TGL2]			
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MARKED
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
		ULCER	MARKED
THYMUS		ATROPHY	MARKED
[ATROPHY TGLS = TGL 3-7, Gross Finding = THYMUS; SMALL; TGL3]			
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

Animal Note: Carcass is pale.

ANIMAL ID: 366	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD488
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701171

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL1, 1
Observation Comment: up to 5x3mm; multiple; TGL 1 = all lobes			
[FOCUS TGLS = TGL1, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	RED, TGL2
Observation Comment: horns; up to 8mm dia; TGL 2 is blood filled			
[DILATION TGLS = TGL2]			

ANIMAL ID: 366	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD488
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701171

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 1-7, TGL 1-8			
[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]			
LYMPH NODE, BRONCHIAL		INFILTRATION CELLULAR	MAST CELL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
		HYPERPLASIA	LYMPHOCYTE, MILD
UTERUS		HEMORRHAGE	MODERATE
		HYPERPLASIA	ATYPICAL, MODERATE
		INFLAMMATION	SUPPURATIVE, MODERATE
[HEMORRHAGE TGLS = TGL 2-18, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL2]			

CONTRIBUTORY CAUSE OF DEATH	- UTERUS; HEMORRHAGE

ANIMAL ID: 367	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD382
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701172

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

MAMMARY GLAND	ABDOMINAL	MASS	MOTTLED, TGL1

Observation Comment: 55x50x25mm; TGL 1 is ulcerated

[MASS TGLS = TGL1]

ANIMAL ID: 367	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD382
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701172

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

Insufficient Tissue

THYMUS

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG		EDEMA	MILD
		HEMORRHAGE	MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; ABDOMINAL; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS	ENDOMETRIUM, STROMAL CELL	HYPERPLASIA	MILD
		PIGMENT	MILD
		POLYP	STROMAL

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 368	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD503
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701173

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	FOCUS	ONE, TGL3
Observation Comment: 2mm in diameter			
[FOCUS TGLS = TGL3]			
LUNG		FOCUS	DIFFUSE, TGL4
Observation Comment: up to 10 mm; TGL 4 = all lobes			
[FOCUS TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	TGL2
	RIGHT	CYST	TGL5
Observation Comment: multiple; up to 4mm in diameter			
Observation Comment: up to 4 mm in diameter; multiple			
[CYST TGLS = TGL2]			
[CYST TGLS = TGL5]			
SKIN	VENTRAL, THORACIC	MASS	DARK, TGL1
Observation Comment: ruptured; 65x47x22mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 368	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD503
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701173

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		FATTY CHANGE	FOCAL, MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
		MIXED CELL FOCUS	
[MIXED CELL FOCUS TGLS = TGL 3-13, Gross Finding = LIVER; LOBE, LEFT; FOCUS; ONE; TGL3]			
LUNG		ADENOCARCINOMA	METASTATIC
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 4-7, TGL 4-8			
[ADENOCARCINOMA TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; DIFFUSE; TGL4]			
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = SKIN; VENTRAL, THORACIC; MASS; DARK; TGL1]			
OVARY		CYST	FOLLICULAR
Tissue Comment: TGL 2-15, TGL 5-15			
[CYST TGLS = TGL5-15, TGL2-15, Gross Finding = OVARY; LEFT; CYST; TGL2]			
[CYST TGLS = TGL5-15, TGL2-15, Gross Finding = OVARY; RIGHT; CYST; TGL5]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 369	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD422
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701174

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	ACCUMULATION	RED, TGL1

Observation Comment: horn; 6mL; TGL 1 is consistent with hemorrhagic fluid; TGL 1 no section taken

[ACCUMULATION TGLS = TGL1]

ANIMAL ID: 369	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD422
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701174

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		NECROSIS	MILD
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
OVARY		CYST	FOLLICULAR
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS		HEMORRHAGE	MARKED
		INFLAMMATION	SUPPURATIVE, MARKED
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

Tissue Comment: TGL 1-17, TGL 1-18, TGL 1-19

[HEMORRHAGE TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; ACCUMULATION; RED; TGL1]

CONTRIBUTORY CAUSE OF DEATH - UTERUS; INFLAMMATION; SUPPURATIVE

ANIMAL ID: 370	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD614
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701175

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LUNG		FOCUS	TAN, TGL6
Observation Comment: multiple; up to 3x3mm; TGL 6 affects all lobes			
[FOCUS TGLS = TGL6]			
MAMMARY GLAND	ABDOMINAL	MASS	TAN, TGL3
	CERVICAL	MASS	MOTTLED, TGL1
	RIGHT, INGUINAL	MASS	TAN, TGL2
Observation Comment: 100x100x25mm; TGL 3 likely represented two fused masses noted in clinical observations			
Observation Comment: 40x30x10mm			
Observation Comment: 40x40x20mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
OVARY	LEFT	CYST	CLEAR, TGL4
Observation Comment: 5mm^3			
[CYST TGLS = TGL4]			
THYROID GLAND	LEFT	ENLARGED	DARK, TGL5
Observation Comment: 3x			
[ENLARGED TGLS = TGL5]			

ANIMAL ID: 370	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD614
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701175

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	MULTIPLE
		INFILTRATION CELLULAR	MIXED, MINIMAL
		MIXED CELL FOCUS	
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
Tissue Comment: TGL 6-7, TGL 6-8			
[INFILTRATION CELLULAR TGLS = TGL6-7, Gross Finding = LUNG; FOCUS; TAN; TGL6]			
MAMMARY GLAND		ADENOCARCINOMA	
		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21			
[ADENOCARCINOMA TGLS = TGL1-19, Gross Finding = MAMMARY GLAND; CERVICAL; MASS; MOTTLED; TGL1]			
[FIBROADENOMA TGLS = TGL3-21, TGL2-20, Gross Finding = MAMMARY GLAND; ABDOMINAL; MASS; TAN; TGL3]			
[FIBROADENOMA TGLS = TGL3-21, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; TAN; TGL2]			
OVARY		CYST	BURSAL
[CYST TGLS = TGL 4-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL4]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
THYROID GLAND	C-CELL	CARCINOMA	
	C-CELL	HYPERPLASIA	FOCAL, MARKED
[CARCINOMA TGLS = TGL 5-12, Gross Finding = THYROID GLAND; LEFT; ENLARGED; DARK; TGL5]			

ANIMAL ID: 370	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD614
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701175

UTERUS	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL
		POLYP	STROMAL
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA		

ANIMAL ID: 371	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD488
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701176

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: up to 15x5mm; multiple; TGL2 = all lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	TAN, TGL1
Observation Comment: 100x80x40mm; TGL1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 371	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD488
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701176

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		FOREIGN BODY	
LIVER		HEPATOCELLULAR ADENOMA	
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; TAN; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 372	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD522
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701177

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: up to 12x10mm; TGL2= all lobes; multiple			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 50x42x30mm; TGL1= ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 372	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD522
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701177

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	OVARY	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		ADENOCARCINOMA	METASTATIC
Observation Comment: mammary gland = primary			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		ADENOCARCINOMA	METASTATIC
	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 2-7, TGL 2-8			
[ADENOCARCINOMA TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MODERATE
PANCREAS	ACINUS	HYPERPLASIA	MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL
		THROMBUS	

CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 373	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD493
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701178

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT
KIDNEY - RIGHT	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

BONE, FEMUR		MASS	MOTTLED, TGL1
Observation Comment: 45x30x25mm; TGL1 encircles and incorporates femur and thigh muscle			
[MASS TGLS = TGL1]			
INTESTINE, LARGE, COLON		DILATION	TGL2
Observation Comment: 15mm dia; TGL2 = distended colon proximal to site of compression by TGL 1			
[DILATION TGLS = TGL2]			
LUNG	LOBE, LEFT	FOCUS	TAN, TGL3
Observation Comment: 2x2mm; multiple			
[FOCUS TGLS = TGL3]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 373	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD493
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701178

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	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
MAMMARY GLAND	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

Autolysis Precludes Examination

UTERUS

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MARKED
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, LARGE, COLON		DILATION	MILD
[DILATION TGLS = TGL 2-10, Gross Finding = INTESTINE, LARGE, COLON; DILATION; TGL2]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
[INFILTRATION CELLULAR TGLS = TGL 3-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; TAN; TGL3]			
SKELETAL MUSCLE		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-19, Gross Finding = BONE, FEMUR; MASS; MOTTLED; TGL1]			
SPLEEN	WHITE PULP	ATROPHY	MARKED
	RED PULP	PIGMENT	INCREASED, MARKED
THYMUS		CYST	

CONTRIBUTORY CAUSE OF DEATH - SKELETAL MUSCLE; FIBROSARCOMA

ANIMAL ID: 374	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD607
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701179

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	ABDOMINAL	MASS	PALE, TGL2
	LEFT, CERVICAL	MASS	PALE, TGL3
	LEFT, INGUINAL	MASS	PALE, TGL4
Observation Comment: 48x42x22mm			
Observation Comment: 94x73x30mm			
Observation Comment: 45x36x16mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	CLEAR, TGL1
Observation Comment: 10x8x6mm			
[CYST TGLS = TGL1]			

ANIMAL ID: 374	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD607
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701179

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LYMPH NODE, MEDIASTINAL	NOSE	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
LYMPH NODE, BRONCHIAL		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 2-19, TGL 3-20, TGL 4-21			
[FIBROADENOMA TGLS = TGL4-21, TGL2-19, TGL3-20, Gross Finding = MAMMARY GLAND; ABDOMINAL; MASS; PALE; TGL2]			
[FIBROADENOMA TGLS = TGL4-21, TGL2-19, TGL3-20, Gross Finding = MAMMARY GLAND; LEFT, CERVICAL; MASS; PALE; TGL3]			
[FIBROADENOMA TGLS = TGL4-21, TGL2-19, TGL3-20, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; PALE; TGL4]			
OVARY		CYST	BURSAL
[CYST TGLS = TGL 1-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL1]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
STOMACH, GLANDULAR		MINERAL	MILD
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	STROMAL, MODERATE

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 375	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD383
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701180

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL4, 1
Observation Comment: up to 5x4mm; TGL 4 affects all lobes			
[FOCUS TGLS = TGL4, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
THYMUS		SMALL	TGL3
Observation Comment: 0.5x			
[SMALL TGLS = TGL3]			
UTERUS	LEFT	MASS	GREEN, TGL2
	RIGHT	MASS	GREEN, TGL1
Observation Comment: horn; 40x10x10mm; TGL 2 is firm			
Observation Comment: horn; 50x12x12mm; TGL 1 is firm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			

ANIMAL ID: 375	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD383
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701180

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 4-7, TGL 4-8			
[INFILTRATION CELLULAR TGLS = TGL4-7, Gross Finding = LUNG; FOCUS; WHITE; TGL4, 1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
		HYPERPLASIA	LYMPHOCYTE, MILD
STOMACH, GLANDULAR		MINERAL	MILD
THYMUS		ATROPHY	MODERATE
[ATROPHY TGLS = TGL 3-7, Gross Finding = THYMUS; SMALL; TGL3]			
UTERUS		INFLAMMATION	SUPPURATIVE, MARKED
Tissue Comment: TGL 1-17, TGL 1-18, TGL 2-17, TGL 2-18			
[INFLAMMATION TGLS = TGL1-17, TGL2-17, Gross Finding = UTERUS; LEFT; MASS; GREEN; TGL2]			
[INFLAMMATION TGLS = TGL1-17, TGL2-17, Gross Finding = UTERUS; RIGHT; MASS; GREEN; TGL1]			

CONTRIBUTORY CAUSE OF DEATH - UTERUS; INFLAMMATION; SUPPURATIVE

ANIMAL ID: 376	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701181

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	FOCUS	WHITE, TGL6, 1
	RIGHT	NODULE	TAN, TGL4
Observation Comment: 4x3mm; found at trim			
Observation Comment: posterior; 2x2x1mm			
[FOCUS TGLS = TGL6, 1]			
[NODULE TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: up to 10x8mm; multiple; TGL 5 affects all lobes			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL1
	RIGHT, INGUINAL	MASS	TAN, TGL2
Observation Comment: 30x30x17mm			
Observation Comment: 45x35x20mm; TGL 2 taken for Mol Bio			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
OVARY	RIGHT	CYST	CLEAR, TGL3
Observation Comment: 10mm dia			
[CYST TGLS = TGL3]			
THYROID GLAND		ENLARGED	TGL7

ANIMAL ID: 376	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701181

Observation Comment: unilateral; 1x; found at trim
[ENLARGED TGLS = TGL7]

ANIMAL ID: 376	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701181

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	PANCREAS	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, BRONCHIAL	PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
CLITORAL GLAND	DUCT, BILATERAL	DILATION	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		FATTY CHANGE	FOCAL, MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL

Tissue Comment: TGL 6-13, TGL 4-21
[FATTY CHANGE TGLS = TGL4-21, TGL6-13, Gross Finding = LIVER; LOBE, LEFT; FOCUS; WHITE; TGL6, 1]
[FATTY CHANGE TGLS = TGL4-21, TGL6-13, Gross Finding = LIVER; RIGHT; NODULE; TAN; TGL4]

LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD

Tissue Comment: TGL 5-7, TGL 5-8
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]

LYMPH NODE, MANDIBULAR	HYPERPLASIA	LYMPHOCYTE, MILD
MAMMARY GLAND	FIBROADENOMA	

Tissue Comment: TGL 1-20, TGL 2-19
[FIBROADENOMA TGLS = TGL1-20, TGL2-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL1]
[FIBROADENOMA TGLS = TGL1-20, TGL2-19, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; TAN; TGL2]

OVARY		CYST	BURSAL

[CYST TGLS = TGL 3-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL3]

PITUITARY GLAND	PARS DISTALIS	ADENOMA

ANIMAL ID: 376	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701181

THYROID GLAND	C-CELL	ADENOMA	
		CYST	CONGENITAL
[ADENOMA TGLS = TGL 7-12, Gross Finding = THYROID GLAND; ENLARGED; TGL7]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 377	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD374
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701182

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG	ACCESSORY LOBE	MASS	TAN, TGL4
	LOBE, LEFT	MASS	TAN, TGL2
	RIGHT LOBE	MASS	CAUDAL, TAN, 1, TGL3
	LOBE, LEFT	NODULE	TAN, TGL5
	RIGHT LOBE	NODULE	CAUDAL, TAN, 1, TGL6

Observation Comment: 12x9x7mm
Observation Comment: 6x5x3mm
Observation Comment: 8x8x7mm
Observation Comment: 4x3x2mm; found at trim
Observation Comment: 5x5x2mm
[MASS TGLS = TGL4]
[MASS TGLS = TGL2]
[MASS TGLS = 1, TGL3]
[NODULE TGLS = TGL5]
[NODULE TGLS = 1, TGL6]

MAMMARY GLAND	RIGHT, INGUINAL	MASS	TAN, TGL1

Observation Comment: 92x70x50mm; TGL 1 is ulcerated
[MASS TGLS = TGL1]

ANIMAL ID: 377	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD374
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701182

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	UTERUS
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX	ANGIECTASIS	MILD
HEART		ADENOCARCINOMA	METASTATIC
Observation Comment: mammary gland = primary			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG		ADENOCARCINOMA	METASTATIC
Tissue Comment: TGL 2-7, TGL 3-8, TGL 4-8, TGL 5-7, TGL 6-8			
[ADENOCARCINOMA TGLS = TGL3-8, TGL2-7, TGL4-8, TGL5-7, TGL6-8, Gross Finding = LUNG; ACCESSORY LOBE; MASS; TAN; TGL4]			
[ADENOCARCINOMA TGLS = TGL3-8, TGL2-7, TGL4-8, TGL5-7, TGL6-8, Gross Finding = LUNG; LOBE, LEFT; MASS; TAN; TGL2]			
[ADENOCARCINOMA TGLS = TGL3-8, TGL2-7, TGL4-8, TGL5-7, TGL6-8, Gross Finding = LUNG; LOBE, LEFT; NODULE; TAN; TGL5]			
[ADENOCARCINOMA TGLS = TGL3-8, TGL2-7, TGL4-8, TGL5-7, TGL6-8, Gross Finding = LUNG; RIGHT LOBE; MASS; CAUDAL, TAN; 1, TGL3]			
[ADENOCARCINOMA TGLS = TGL3-8, TGL2-7, TGL4-8, TGL5-7, TGL6-8, Gross Finding = LUNG; RIGHT LOBE; NODULE; CAUDAL, TAN; 1, TGL6]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; TAN; TGL1]			
PARATHYROID GLAND		FIBROSIS	MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 378	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD626
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701183

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
	VENTRAL, CERVICAL	MASS	TAN, TGL2

Observation Comment: 40x30x15mm; TGL 1 = ulcerated
Observation Comment: 20x20x20mm
[MASS TGLS = TGL1]
[MASS TGLS = TGL2]

NO CORRELATE	TO OBSERVATION / MASS

ANIMAL ID: 378	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD626
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701183

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	FOCAL, MILD
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MARKED
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		ADENOCARCINOMA	
		FIBROADENOMA	

Tissue Comment: TGL 1-19, TGL 2-20

[ADENOCARCINOMA TGLS = TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]

[FIBROADENOMA TGLS = TGL2-20, Gross Finding = MAMMARY GLAND; VENTRAL, CERVICAL; MASS; TAN; TGL2]

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
	CAPSULE	FIBROSIS	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 379	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD460
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701184

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG	LOBE, LEFT	FOCUS	WHITE, TGL3, 1
Observation Comment: up to 1x1mm; found at trim; multiple			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 55x45x30mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	MOTTLED, TGL2
Observation Comment: horns; up to 11mm diameter			
[DILATION TGLS = TGL2]			

ANIMAL ID: 379	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD460
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701184

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EXTRAMEDULLARY HEMATOPOIESIS	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
[INFILTRATION CELLULAR TGLS = TGL 3-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL3, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
UTERUS		HEMORRHAGE	MILD
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MARKED
		SQUAMOUS CELL CARCINOMA	
		THROMBUS	
[INFLAMMATION TGLS = TGL 2-20, Gross Finding = UTERUS; BILATERAL; DILATION; MOTTLED; TGL2]			

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 380	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD571
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701185

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	LEFT	MASS	MOTTLED, TGL4
Observation Comment: 15x13x10mm			
[MASS TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: up to 4x2mm; TGL 2 affects all lobes			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 115x100x50mm			
[MASS TGLS = TGL1]			
UTERUS	LEFT	NODULE	DARK, TGL3
Observation Comment: horn; 5x5x3mm			
[NODULE TGLS = TGL3]			

ANIMAL ID: 380	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD571
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701185

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
		PHEOCHROMOCYTOMA	MALIGNANT
[PHEOCHROMOCYTOMA TGLS = TGL 4-12, Gross Finding = ADRENAL GLAND; LEFT; MASS; MOTTLED; TGL4]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
UTERUS		HEMORRHAGE	MILD
	ENDOMETRIUM	HYPERPLASIA	STROMAL, MODERATE
		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE
[HYPERPLASIA TGLS = TGL 3-17, Gross Finding = UTERUS; LEFT; NODULE; DARK; TGL3]			

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 381	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD674
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701186

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	PANCREAS
PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG	LOBE, LEFT	FOCUS	TAN, TGL7
	RIGHT LOBE	FOCUS	CAUDAL, TAN, 1, TGL7
Observation Comment: Up to 2x2mm; multiple; TGL 7 = Involves only right caudal and left lobes			
Observation Comment: up to 2x2mm; multiple; TGL 7= involves only right caudal and left lobes			
[FOCUS TGLS = TGL7]			
[FOCUS TGLS = 1, TGL7]			
MAMMARY GLAND	LEFT, INGUINAL	MASS	MOTTLED, TGL2
	LEFT, THORACIC	MASS	MOTTLED, TGL3
	THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 90x65x45mm			
Observation Comment: 25x25x10mm			
Observation Comment: 100x90x50mm; TGL 1 = ulcerated			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	RIGHT	CYST	CLEAR, TGL4
Observation Comment: 12x12x12mm			
[CYST TGLS = TGL4]			

ANIMAL ID: 381	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD674
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701186

PITUITARY GLAND		ENLARGED	TAN, TGL6
Observation Comment: 6x5x4mm			
[ENLARGED TGLS = TGL6]			
STOMACH, FORESTOMACH		NODULE	WHITE, TGL8, 1
Observation Comment: non-glandular; 4x2x1mm; found at trim			
[NODULE TGLS = TGL8, 1]			
UTERUS	LEFT	CYST	RED, TGL5
Observation Comment: horn; 2x2x2mm			
[CYST TGLS = TGL5]			

ANIMAL ID: 381	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD674
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701186

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	PANCREAS
PARATHYROID GLAND	SKIN	SPLEEN	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	CORTEX, BILATERAL	HYPERPLASIA	FOCAL, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
HEART	VENTRICLE, BILATERAL	DILATION	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	CENTRILOBULAR, HEPATOCYTE	DEGENERATION	MILD
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD

Tissue Comment: TGL 7-7, TGL 7-8

[INFILTRATION CELLULAR TGLS = TGL7-7, Gross Finding = LUNG; LOBE, LEFT; FOCUS; TAN; TGL7]

[INFILTRATION CELLULAR TGLS = TGL7-7, Gross Finding = LUNG; RIGHT LOBE; FOCUS; CAUDAL, TAN; 1, TGL7]

MAMMARY GLAND — FIBROADENOMA

Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21

[FIBROADENOMA TGLS = TGL1-19, TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; MOTTLED; TGL2]

[FIBROADENOMA TGLS = TGL1-19, TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL3]

[FIBROADENOMA TGLS = TGL1-19, TGL2-20, TGL3-21, Gross Finding = MAMMARY GLAND; THORACIC; MASS; MOTTLED; TGL1]

OVARY — CYST — BURSAL

[CYST TGLS = TGL 4-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL4]

PITUITARY GLAND — PARS DISTALIS — CYST

[CYST TGLS = TGL 6-12, Gross Finding = PITUITARY GLAND; ENLARGED; TAN; TGL6]

ANIMAL ID: 381	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD674
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701186

SALIVARY GLAND		ATROPHY	MILD
		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
		MINERAL	MINIMAL
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MARKED
Tissue Comment: TGL 8-10			
[HYPERPLASIA TGLS = TGL 8-10, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL8, 1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD
		THROMBUS	
Tissue Comment: TGL 5-17			
[THROMBUS TGLS = TGL 5-17, Gross Finding = UTERUS; LEFT; CYST; RED; TGL5]			
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; FIBROADENOMA		

ANIMAL ID: 382	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701187

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL8, 1
Observation Comment: up to 15x5mm; multiple; TGL 8 affects all lung lobes			
[FOCUS TGLS = TGL8, 1]			
MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	TAN, TGL3
	RIGHT, AXILLARY	MASS	TAN, TGL5
	RIGHT, CERVICAL	MASS	TAN, TGL2
	RIGHT, CERVICAL	MASS	TAN, TGL1
	RIGHT, INGUINAL	MASS	TAN, TGL4
Tissue Comment: Greater than 5 masses present, largest 5 recorded for mammary gland			
Observation Comment: 45x45x25mm			
Observation Comment: 15x10x10mm			
Observation Comment: 15x12x10mm			
Observation Comment: 60x45x25mm; TGL 1 taken for Mol Bio			
Observation Comment: 25x15x12mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL5]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			

ANIMAL ID: 382	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701187

[MASS TGLS = TGL4]			
UTERUS	LEFT	MASS	MOTTLED, TGL6
	RIGHT	NODULE	RED, TGL7
Observation Comment: horn; 10x7x5mm			
Observation Comment: horn; 3x2x1mm			
[MASS TGLS = TGL6]			
[NODULE TGLS = TGL7]			

ANIMAL ID: 382	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701187

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SPLEEN
STOMACH, FORESTOMACH	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	MEDULLA	HYPERPLASIA	FOCAL, MODERATE
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
Tissue Comment: TGL 8-7, TGL 8-8			
[INFILTRATION CELLULAR TGLS = TGL8-7, Gross Finding = LUNG; FOCUS; WHITE; TGL8, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 3-21, TGL 4-22, TGL 5-23			
[FIBROADENOMA TGLS = TGL3-21, TGL1-19, TGL5-23, TGL4-22, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; TAN; TGL3]			
[FIBROADENOMA TGLS = TGL3-21, TGL1-19, TGL5-23, TGL4-22, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL5]			
[FIBROADENOMA TGLS = TGL3-21, TGL1-19, TGL5-23, TGL4-22, Gross Finding = MAMMARY GLAND; RIGHT, CERVICAL; MASS; TAN; TGL1]			
[FIBROADENOMA TGLS = TGL3-21, TGL1-19, TGL5-23, TGL4-22, Gross Finding = MAMMARY GLAND; RIGHT, INGUINAL; MASS; TAN; TGL4]			
SKIN		FIBROMA	
[FIBROMA TGLS = TGL 2-20, Gross Finding = MAMMARY GLAND; RIGHT, CERVICAL; MASS; TAN; TGL2]			
STOMACH, GLANDULAR	GLAND	DILATION	MINIMAL
		MINERAL	MINIMAL
UTERUS		HEMORRHAGE	MODERATE
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 382	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701187

		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD
		POLYP	STROMAL

Tissue Comment: TGL 6-18, TGL 7-17

[HYPERPLASIA TGLS = TGL7-17, Gross Finding = UTERUS; RIGHT; NODULE; RED; TGL7]

[POLYP TGLS = TGL6-18, Gross Finding = UTERUS; LEFT; MASS; MOTTLED; TGL6]

ANIMAL ID: 383	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD460
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701188

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	YELLOW, TGL3, 1
Observation Comment: up to 1x1mm; multiple; TGL 3 = involves all lobes			
[FOCUS TGLS = TGL3, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 60x50x20mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	DARK, TGL2
Observation Comment: horn; up to 6mm dia			
[DILATION TGLS = TGL2]			

ANIMAL ID: 383	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD460
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701188

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
BONE MARROW		HYPERCELLULARITY	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; YELLOW; TGL3, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
UTERUS		HEMORRHAGE	MODERATE
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
		INFLAMMATION	SUPPURATIVE, MARKED
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD
		THROMBUS	
Tissue Comment: TGL 2-17, TGL 2-18			
[INFLAMMATION TGLS = TGL2-17, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL2]			

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 384	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD516
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701189

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: up to 17x9mm; multiple; TGL 5 affects all lobes			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	MOTTLED, TGL4
	LEFT, INGUINAL	MASS	MOTTLED, TGL1
Observation Comment: 39x36x30mm; TGL 4 is partially fluid filled			
Observation Comment: 36x30x9mm			
[MASS TGLS = TGL4]			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
SKIN	LEFT, AXILLARY	MASS	TAN, TGL3
Observation Comment: 30x22x4mm			
[MASS TGLS = TGL3]			
UTERUS	BILATERAL	DILATION	DARK, TGL2
Observation Comment: 10mm dia; horns; TGL 2 contains bloody fluid			
[DILATION TGLS = TGL2]			

ANIMAL ID: 384	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD516
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701189

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

No Section Present

URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LARYNX		FOREIGN BODY	
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE

Tissue Comment: TGL 5-7, TGL 5-8

[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]

LYMPH NODE, MANDIBULAR	HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND	ADENOCARCINOMA	
	FIBROADENOMA	

Tissue Comment: TGL 1-19, TGL 3-21, TGL 4-22

[ADENOCARCINOMA TGLS = TGL4-22, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; MOTTLED; TGL4]

[FIBROADENOMA TGLS = TGL1-19, TGL3-21, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; MOTTLED; TGL1]

[FIBROADENOMA TGLS = TGL1-19, TGL3-21, Gross Finding = SKIN; LEFT, AXILLARY; MASS; TAN; TGL3]

SPLEEN	EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
UTERUS	HEMORRHAGE	MILD
	HYPERPLASIA	ATYPICAL, MODERATE
	INFLAMMATION	SUPPURATIVE, MARKED

[INFLAMMATION TGLS = TGL 2-20, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL2]

ANIMAL ID: 384	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD516
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701189

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 385	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD11
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701190

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	UTERUS	VAGINA	

OBSERVATIONS

LARYNX	EPITHELIUM	HYPERPLASIA	MINIMAL
LUNG		CONGESTION	MODERATE
STOMACH, FORESTOMACH		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

PRIMARY CAUSE OF DEATH - UNDETERMINED

ANIMAL ID: 386	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD606
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701191

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

MAMMARY GLAND	INGUINAL	MASS	PALE, TGL1
Observation Comment: 58x52x29mm; TGL 1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	RIGHT	CYST	CLEAR, TGL2
Observation Comment: 3x3x3mm			
[CYST TGLS = TGL2]			
UTERUS	RIGHT	ENLARGED	DARK, TGL3
Observation Comment: 12x7mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 386	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD606
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701191

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	BONE, FEMUR	BRAIN	ESOPHAGUS
EYE	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
NOSE	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	THYMUS	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

CLITORAL GLAND	LYMPH NODE, BRONCHIAL

OBSERVATIONS

AORTA		MINERAL	MODERATE
BONE MARROW		HYPERCELLULARITY	MARKED
HEART	MYOCARDIUM	MINERAL	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
	RENAL TUBULE	MINERAL	MODERATE
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; INGUINAL; MASS; PALE; TGL1]			
OVARY		CYST	FOLLICULAR
[CYST TGLS = TGL 2-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL2]			
PANCREAS	ACINUS	SECRETORY DEPLETION	DIFFUSE, MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MARKED
STOMACH, GLANDULAR		MINERAL	MODERATE
THYROID GLAND	C-CELL	HYPERPLASIA	FOCAL, MILD
UTERUS		ADENOCARCINOMA	
		INFLAMMATION	SUPPURATIVE, MODERATE
[ADENOCARCINOMA TGLS = TGL 3-18, Gross Finding = UTERUS; RIGHT; ENLARGED; DARK; TGL3]			

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 387	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD628
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701192

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TGL3
	RIGHT	DEFORMITY	TGL6
	PELVIS, RIGHT	DILATION	TGL2
Observation Comment: TGL 3 = granular			
Observation Comment: TGL 6 = granular			
Observation Comment: 6x6mm			
[DEFORMITY TGLS = TGL3]			
[DEFORMITY TGLS = TGL6]			
[DILATION TGLS = TGL2]			
LUNG		FOCUS	WHITE, TGL1, 1
Observation Comment: up to 13x5mm; TGL 1 affects all lung lobes; multiple			
[FOCUS TGLS = TGL1, 1]			
MAMMARY GLAND	LEFT, INGUINAL	MASS	TAN, TGL4
Observation Comment: 21x15x5mm			
[MASS TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	RIGHT	MASS	RED, TGL5
Observation Comment: horn; 35x10x4mm			
[MASS TGLS = TGL5]			

ANIMAL ID: 387	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD628
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701192

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR	NOSE
OVARY	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
BONE MARROW		HYPERCELLULARITY	MODERATE
BRAIN		SARCOMA	
KIDNEY		AMPHOPHILIC-VACUOLAR CARCINOMA	
		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PELVIS	DILATION	MILD
		INFLAMMATION	SUPPURATIVE, MILD

Tissue Comment: TGL 2-9, TGL 3-9, TGL 6-19

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL6-19, TGL3-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL3]

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL6-19, TGL3-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL6]

[DILATION TGLS = TGL2-9, Gross Finding = KIDNEY; PELVIS, RIGHT; DILATION; TGL2]

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
		INFLAMMATION	SUPPURATIVE, MILD

Tissue Comment: TGL 1-7, TGL 1-8

[INFILTRATION CELLULAR TGLS = TGL1-7, Gross Finding = LUNG; FOCUS; WHITE; TGL1, 1]

LYMPH NODE, MEDIASTINAL	HYPERPLASIA	PLASMA CELL, MILD
LYMPH NODE, MESENTERIC	INFILTRATION CELLULAR	HISTIOCYTE, MILD

ANIMAL ID: 387	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD628
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701192

MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 4-20, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; TAN; TGL4]			
PANCREAS	ACINUS	INFLAMMATION	SUPPURATIVE, MODERATE
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
THYROID GLAND	C-CELL, BILATERAL	ADENOMA	
UTERUS		ADENOCARCINOMA	
		SQUAMOUS CELL CARCINOMA	
[SQUAMOUS CELL CARCINOMA TGLS = TGL 5-18, Gross Finding = UTERUS; RIGHT; MASS; RED; TGL5]			
CONTRIBUTORY CAUSE OF DEATH	- UTERUS; SQUAMOUS CELL CARCINOMA		

ANIMAL ID: 388	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD590
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701193

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	TAN, TGL3
Observation Comment: up to 2x2mm; multiple; TGL 3 = all lobes			
[FOCUS TGLS = TGL3]			
MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	MOTTLED, TGL1
	RIGHT, THORACIC	MASS	MOTTLED, TGL2
Observation Comment: 95x90x50mm; TGL1 = ulcerated			
Observation Comment: 80x65x25mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	DARK, TGL4
Observation Comment: 2x			
[ENLARGED TGLS = TGL4]			

ANIMAL ID: 388	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD590
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701193

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
NOSE	PARATHYROID GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MARKED
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MARKED
BONE MARROW		HYPERCELLULARITY	MODERATE
BRAIN		GLIOSIS	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
Tissue Comment: TGL 3-7, TGL 3-8			
[INFILTRATION CELLULAR TGLS = TGL3-7, Gross Finding = LUNG; FOCUS; TAN; TGL3]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; MOTTLED; TGL1]			
[FIBROADENOMA TGLS = TGL1-19, TGL2-20, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL2]			
OVARY		CYST	FOLLICULAR
PANCREAS	ACINUS	HYPERPLASIA	MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 4-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL4]			
SALIVARY GLAND		INFLAMMATION	CHRONIC-ACTIVE, MILD
		MINERAL	MINIMAL
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
URINARY BLADDER		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

ANIMAL ID: 388	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD590
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701193

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; FIBROADENOMA		

ANIMAL ID: 389	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD460
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701194

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 60x50x20mm; TGL1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 389	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD460
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701194

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 390	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD515
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701195

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: up to 10x10mm; TGL 2 all lobes affected			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	MOTTLED, TGL4
	RIGHT, THORACIC	MASS	MOTTLED, TGL3
Observation Comment: 30x20x10mm			
Observation Comment: 80x70x40mm			
[MASS TGLS = TGL4]			
[MASS TGLS = TGL3]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS		MASS	DARK, RED, 1, TGL1
Observation Comment: cervix; 55x45x35mm; TGL 1 taken for Mol Bio			
[MASS TGLS = 1, TGL1]			

ANIMAL ID: 390	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD515
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701195

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MODERATE
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		ADENOCARCINOMA	
		FIBROADENOMA	
Tissue Comment: TGL 3-20, TGL 4-21			
[ADENOCARCINOMA TGLS = TGL4-21, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL4]			
[FIBROADENOMA TGLS = TGL3-20, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL3]			
OVARY		CYST	FOLLICULAR
UTERINE CERVIX		LEIOMYOSARCOMA	
[LEIOMYOSARCOMA TGLS = TGL 1-19, Gross Finding = UTERUS; MASS; DARK, RED; 1, TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 391	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD593
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701196

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: up to 3x2mm; multiple; TGL2 = all lobes affected			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	TAN, TGL1
Observation Comment: 110x95x45mm; TGL 1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 391	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD593
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701196

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	DEGENERATION	CYSTIC, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
BONE MARROW		HYPERCELLULARITY	MODERATE
		HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
STOMACH, GLANDULAR		MINERAL	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 392	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD488
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701197

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL2, 1
Observation Comment: TGL2 = multiple, all lobes, up to 20x12 mm			
[FOCUS TGLS = TGL2, 1]			
MAMMARY GLAND	THORACIC, RIGHT	MASS	TAN, TGL1
Observation Comment: 90x85x35 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 392	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD488
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701197

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND		FIBROADENOMA	
[FIBROADENOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; THORACIC, RIGHT; MASS; TAN; TGL1]			
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MARKED
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; FIBROADENOMA

ANIMAL ID: 393	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701198

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	RIGHT	ENLARGED	MOTTLED, TGL4
Observation Comment: 12x12x11mm; Adrenal gland mass not collected for Mol Bio due to past required time			
[ENLARGED TGLS = TGL4]			
LUNG		FOCUS	WHITE, TGL6, 1
Observation Comment: up to 3x3x3mm; TGL6 = all lobes			
[FOCUS TGLS = TGL6, 1]			
MAMMARY GLAND	LEFT, ABDOMINAL	MASS	TAN, TGL3
	LEFT, THORACIC	MASS	RED, TGL1
	RIGHT, ABDOMINAL	MASS	TAN, TGL2
Observation Comment: 25x15x15mm; TGL3 taken for Mol Bio; TGL 3 correlated to Mass, abdomen, left, large (>15mm), 1 seen clinically. This mass is located under the comments on the Clinical Observations Raw Data Report.			
Observation Comment: 35x35x25mm; TGL 1 is fluid filled			
Observation Comment: 25x15x15mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
OVARY	LEFT	CYST	CLEAR, TGL5
Observation Comment: 6x5x5mm			
[CYST TGLS = TGL5]			

ANIMAL ID: 393	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701198

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	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	LYMPH NODE, MESENTERIC	NOSE	PANCREAS
SALIVARY GLAND	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
	MEDULLA	HEMORRHAGE	FOCAL, MARKED
	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MILD
[HEMORRHAGE TGLS = TGL 4-21, Gross Finding = ADRENAL GLAND; RIGHT; ENLARGED; MOTTLED; TGL4]			
BRAIN		GLIOMA	
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MODERATE
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
		LEIOMYOMA	
Tissue Comment: TGL 6-7, TGL 6-8			
[INFILTRATION CELLULAR TGLS = TGL6-7, Gross Finding = LUNG; FOCUS; WHITE; TGL6, 1]			
LYMPH NODE, BRONCHIAL		HEMORRHAGE	MILD
	ARTERIOLE	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
MAMMARY GLAND		ADENOCARCINOMA	
Tissue Comment: TGL 1-21, TGL 3-19			
[ADENOCARCINOMA TGLS = TGL3-19, TGL1-21, Gross Finding = MAMMARY GLAND; LEFT, ABDOMINAL; MASS; TAN; TGL3]			
[ADENOCARCINOMA TGLS = TGL3-19, TGL1-21, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; RED; TGL1]			
OVARY		CYST	FOLLICULAR
[CYST TGLS = TGL 5-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL5]			

ANIMAL ID: 393	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1701198

PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SKIN		FIBROMA	
[FIBROMA TGLS = TGL 2-20, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; TAN; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		INFLAMMATION	SUPPURATIVE, MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL
		POLYP	STROMAL

ANIMAL ID: 394	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD318
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701199

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ABDOMEN	ADRENAL GLAND	AORTA	BLOOD
BLOOD VESSEL	BONE	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CERVIX	CLITORAL GLAND
ESOPHAGUS	EYE	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LACRIMAL GLAND	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MESENTERY	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
OVIDUCT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKELETAL MUSCLE	SKIN
SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THORAX
THYMUS	THYROID GLAND	TONGUE	TOOTH
TRACHEA	URETER	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MAMMARY GLAND	LEFT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 55x40x25 mm, TGL1 = ulcerated.			
[MASS TGLS = TGL1]			
SPLEEN		ENLARGED	DARK, TGL2
Observation Comment: 56x25x6 mm; found at trim			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 394	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD318
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701199

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MILD
		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, ILEUM	LYMPHOID TISSUE	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		BASOPHILIC FOCUS	
		INFILTRATION CELLULAR	MIXED, MILD
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-9, Gross Finding = SPLEEN; ENLARGED; DARK; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL
		POLYP	STROMAL

CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 395	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD472
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701200

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
THYMUS		SMALL	TGL1
Observation Comment: 0.25x			
[SMALL TGLS = TGL1]			
UTERUS	BILATERAL	DILATION	RED, TGL2
Observation Comment: horns; up to 20mm dia; TGL 2 filled with blood			
[DILATION TGLS = TGL2]			

ANIMAL ID: 395	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD472
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701200

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

Autolysis Precludes Examination

BONE MARROW

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	PERIPORTAL, HEPATOCYTE	HYPERTROPHY	MINIMAL
		INFILTRATION CELLULAR	MIXED, MINIMAL
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
	INTERSTITIUM	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
THYMUS		ATROPHY	MARKED
[ATROPHY TGLS = TGL 1-7, Gross Finding = THYMUS; SMALL; TGL1]			
UTERUS		HEMORRHAGE	MARKED
		INFLAMMATION	SUPPURATIVE, MARKED

Tissue Comment: TGL 2-17, TGL 2-18

[INFLAMMATION TGLS = TGL2-17, Gross Finding = UTERUS; BILATERAL; DILATION; RED; TGL2]

CONTRIBUTORY CAUSE OF DEATH - UTERUS; INFLAMMATION; SUPPURATIVE

ANIMAL ID: 396	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD529
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701201

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG		FOCUS	DIFFUSE, WHITE, TGL2, 2
Observation Comment: up to 18mm; TGL 2 = affects all lobes			
[FOCUS TGLS = TGL2, 2]			
NO CORRELATE		TO OBSERVATION / MASS	
UTERUS	BILATERAL	DILATION	DARK, TGL1
Observation Comment: horns; 17mm^3			
[DILATION TGLS = TGL1]			

ANIMAL ID: 396	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD529
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701201

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CYTOPLASMIC, CORTEX, BILATERAL	VACUOLATION	DIFFUSE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		NECROSIS	MODERATE
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MINIMAL
Tissue Comment: TGL 2-7, TGL 2-8			
[INFILTRATION CELLULAR TGLS = TGL2-7, Gross Finding = LUNG; FOCUS; DIFFUSE, WHITE; TGL2, 2]			
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND	DUCT	DILATION	MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	FOCAL, MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
THYROID GLAND	C-CELL	ADENOMA	
UTERUS		HEMORRHAGE	MARKED
		INFLAMMATION	SUPPURATIVE, MARKED
		THROMBUS	
Tissue Comment: TGL 1-17, TGL 1-18			
[INFLAMMATION TGLS = TGL1-17, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL1]			

CONTRIBUTORY CAUSE OF DEATH - UTERUS; INFLAMMATION; SUPPURATIVE

ANIMAL ID: 397	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD562
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701202

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL4
	RIGHT	DEFORMITY	PALE, TGL5
Observation Comment: TGL 4 = granular			
Observation Comment: TGL 5 = granular			
[DEFORMITY TGLS = TGL4]			
[DEFORMITY TGLS = TGL5]			
MAMMARY GLAND	LEFT, AXILLARY	MASS	PALE, TGL3
	LEFT, INGUINAL	MASS	PALE, TGL1
	RIGHT, AXILLARY	MASS	PALE, TGL2
Observation Comment: 82x74x32mm; TGL 3 = ulcerated, compromising left forearm and extending to include left ear.			
Observation Comment: 42x40x25mm			
Observation Comment: 47x45x22mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 397	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD562
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701202

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
	RENAL TUBULE	MINERAL	MODERATE
Tissue Comment: TGL 4-9, TGL 5-9			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL4-9, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL5-9, TGL4-9, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL5]			
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
MAMMARY GLAND		ADENOCARCINOMA	
		FIBROADENOMA	
Tissue Comment: TGL 1-19, TGL 2-20, TGL 3-21			
[ADENOCARCINOMA TGLS = TGL3-21, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; PALE; TGL3]			
[FIBROADENOMA TGLS = TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; LEFT, INGUINAL; MASS; PALE; TGL1]			
[FIBROADENOMA TGLS = TGL2-20, TGL1-19, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; PALE; TGL2]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
THYROID GLAND	C-CELL	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL
		POLYP	STROMAL

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 398	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD480
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701203

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LUNG		FOCUS	WHITE, TGL5, 1
Observation Comment: up to 15x14mm; TGL5 = affects all lobes			
[FOCUS TGLS = TGL5, 1]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 50x40x15mm; TGL1 = Ulcerated			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	CLEAR, TGL3
	RIGHT	CYST	CLEAR, TGL4
Observation Comment: 3mm^3			
[CYST TGLS = TGL3]			
[CYST TGLS = TGL4]			
UTERUS	BILATERAL	DILATION	DARK, TGL2
Observation Comment: horns; 10mm dia			
[DILATION TGLS = TGL2]			

ANIMAL ID: 398	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD480
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701203

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND	CORTEX	DEGENERATION	CYSTIC, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION CELLULAR	MIXED, MINIMAL
		NECROSIS	MILD
LUNG	ALVEOLUS	INFILTRATION CELLULAR	FOCAL, HISTIOCYTE, MILD
Tissue Comment: TGL 5-7, TGL 5-8			
[INFILTRATION CELLULAR TGLS = TGL5-7, Gross Finding = LUNG; FOCUS; WHITE; TGL5, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	PLASMA CELL, MILD
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-20, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
OVARY		CYST	BURSAL
		CYST	FOLLICULAR
Tissue Comment: TGL 3-15, TGL 4-15			
[CYST TGLS = TGL4-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL4]			
[CYST TGLS = TGL3-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL3]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
		HYPERPLASIA	LYMPHOCYTE, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MARKED
		HYPERPLASIA	ATYPICAL, MODERATE
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MODERATE
		THROMBUS	

ANIMAL ID: 398	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD480
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701203

Tissue Comment: TGL 2-18, TGL 2-19
[HYPERPLASIA TGLS = TGL2-18, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL2]

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 399	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD667
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701204

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	SALIVARY GLANDS	SKIN	SPINAL CORD
STOMACH, FORESTOMACH	THYMUS	THYROID GLAND	TONGUE
TRACHEA	URINARY BLADDER	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ABDOMEN		ACCUMULATION	RED, TGL1
Observation Comment: cavities; ~10mL			
[ACCUMULATION TGLS = TGL1]			
LIVER	RIGHT	NODULE	PALE, TGL8
Observation Comment: posterior; 5x5x5mm			
[NODULE TGLS = TGL8]			
LUNG		FOCUS	WHITE, TGL10, 1
Observation Comment: up to 4x3mm; multiple; TGL 10 affects all lung lobes			
[FOCUS TGLS = TGL10, 1]			
LYMPH NODE, MEDIASTINAL		ENLARGED	WHITE, TGL7, 1
Observation Comment: 5x			
[ENLARGED TGLS = TGL7, 1]			
MAMMARY GLAND	LEFT, ABDOMINAL	MASS	MOTTLED, TGL9
Observation Comment: 20x15x15mm; TGL 9 = ulcerated			
[MASS TGLS = TGL9]			
MESENTERY		THICK	YELLOW, TGL6, 1
Observation Comment: fat; up to 15mm thick; TGL 6 is firm, multi-lobulated to confluently thickened.			
[THICK TGLS = TGL6, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
PERITONEUM		THICK	YELLOW, TGL5, 1

ANIMAL ID: 399	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD667
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701204

Observation Comment: up to 3mm thick [THICK TGLS = TGL5, 1]			
PITUITARY GLAND		ENLARGED	DARK, TGL11
Observation Comment: 5x5x3mm [ENLARGED TGLS = TGL11]			
SKELETAL MUSCLE	DIAPHRAGM	THICK	PALE, TGL4
Observation Comment: up to 4mm thick [THICK TGLS = TGL4]			
SPLEEN		ENLARGED	RED, TGL3
Observation Comment: 47x12x7mm [ENLARGED TGLS = TGL3]			
STOMACH, GLANDULAR		NODULE	TAN, TGL12
Observation Comment: 2x2x1mm [NODULE TGLS = TGL12]			
UTERUS	LEFT	MASS	TAN, TGL2
Observation Comment: horn; 30x15x11mm; TGL 2 granular, necrotic center, not collected for Mol Bio [MASS TGLS = TGL2]			

ANIMAL ID: 399	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD667
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701204

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
NOSE	PARATHYROID GLAND	SALIVARY GLAND	SKIN
TRACHEA	URINARY BLADDER	UTERINE CERVIX	

OBSERVATIONS

ADRENAL GLAND		ADENOCARCINOMA	METASTATIC
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
	CYTOPLASMIC, CORTEX	VACUOLATION	FOCAL, MINIMAL
BONE MARROW		HYPERCELLULARITY	MARKED
HARDERIAN GLAND		HYPERPLASIA	ATYPICAL, MILD
		INFLAMMATION	CHRONIC-ACTIVE, MILD
INTESTINE, SMALL, JEJUNUM		ADENOCARCINOMA	METASTATIC
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		ADENOCARCINOMA	METASTATIC
	CENTRILOBULAR	DEGENERATION	MILD
		EXTRAMEDULLARY HEMATOPOIESIS	MINIMAL
		INFILTRATION CELLULAR	MIXED, MILD
		NECROSIS	MINIMAL
[ADENOCARCINOMA TGLS = TGL 8-22, Gross Finding = LIVER; RIGHT; NODULE; PALE; TGL8]			
[NECROSIS TGLS = TGL 8-22, Gross Finding = LIVER; RIGHT; NODULE; PALE; TGL8]			
LUNG		ADENOCARCINOMA	METASTATIC
Tissue Comment: TGL 10-7, TGL 10-8			
[ADENOCARCINOMA TGLS = TGL10-7, Gross Finding = LUNG; FOCUS; WHITE; TGL10, 1]			
LYMPH NODE, MEDIASTINAL		ADENOCARCINOMA	METASTATIC
Tissue Comment: TGL 7-22, TGL 7-26			
[ADENOCARCINOMA TGLS = TGL7-22, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; WHITE; TGL7, 1]			
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 9-23, Gross Finding = MAMMARY GLAND; LEFT, ABDOMINAL; MASS; MOTTLED; TGL9]			
MESENTERY		ADENOCARCINOMA	METASTATIC
Tissue Comment: TGL 5-20, TGL 6-21			

ANIMAL ID: 399	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD667
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1701204

[ADENOCARCINOMA TGLS = TGL6-21, TGL5-20, Gross Finding = MESENTERY; THICK; YELLOW; TGL6, 1]			
[ADENOCARCINOMA TGLS = TGL6-21, TGL5-20, Gross Finding = PERITONEUM; THICK; YELLOW; TGL5, 1]			
OVARY		ADENOCARCINOMA	METASTATIC
PANCREAS	ACINUS	ADENOCARCINOMA	METASTATIC
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 11-12, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL11]			
SKELETAL MUSCLE		ADENOCARCINOMA	METASTATIC
[ADENOCARCINOMA TGLS = TGL 4-24, Gross Finding = SKELETAL MUSCLE; DIAPHRAGM; THICK; PALE; TGL4]			
SPLEEN		ADENOCARCINOMA	METASTATIC
[ADENOCARCINOMA TGLS = TGL 3-19, Gross Finding = SPLEEN; ENLARGED; RED; TGL3]			
STOMACH, FORESTOMACH		ADENOCARCINOMA	METASTATIC
STOMACH, GLANDULAR		ADENOCARCINOMA	METASTATIC
[ADENOCARCINOMA TGLS = TGL 12-10, Gross Finding = STOMACH, GLANDULAR; NODULE; TAN; TGL12]			
THYMUS		ADENOCARCINOMA	METASTATIC
THYROID GLAND		ADENOCARCINOMA	METASTATIC
UTERUS		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 2-25, Gross Finding = UTERUS; LEFT; MASS; TAN; TGL2]			
VAGINA		INFLAMMATION	SUPPURATIVE, MODERATE
CONTRIBUTORY CAUSE OF DEATH	- MAMMARY GLAND; ADENOCARCINOMA		

ANIMAL ID: 400	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD365
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701205

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LUNG	RIGHT, CRANIAL	MASS	MOTTLED, TGL2
	LOBE, MIDDLE, RIGHT	NODULE	WHITE, TGL4, 1
	RIGHT LOBE	NODULE	CAUDAL, TAN, 1, TGL3
Observation Comment: 10x9x5mm			
Observation Comment: 2x2x2mm			
Observation Comment: 5x4x3mm			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL4, 1]			
[NODULE TGLS = 1, TGL3]			
MAMMARY GLAND	RIGHT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 42x40x20mm; TGL1 = ulcerated			
[MASS TGLS = TGL1]			

ANIMAL ID: 400	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD365
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1701205

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	UTERUS
VAGINA			

OBSERVATIONS

BONE MARROW	HYPERCELLULARITY	MODERATE
HEART	CARDIOMYOPATHY	MILD
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	NECROSIS	MILD
LUNG	ADENOCARCINOMA	METASTATIC
Tissue Comment: TGL 2-8, TGL 3-8, TGL 4-20		
[ADENOCARCINOMA TGLS = TGL2-8, TGL3-8, TGL4-20, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; WHITE; TGL4, 1]		
[ADENOCARCINOMA TGLS = TGL2-8, TGL3-8, TGL4-20, Gross Finding = LUNG; RIGHT LOBE; NODULE; CAUDAL, TAN; 1, TGL3]		
[ADENOCARCINOMA TGLS = TGL2-8, TGL3-8, TGL4-20, Gross Finding = LUNG; RIGHT, CRANIAL; MASS; MOTTLED; TGL2]		
LYMPH NODE, MESENTERIC	INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
MAMMARY GLAND	ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-19, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; MOTTLED; TGL1]		
SPLEEN	EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
THYMUS	ADENOCARCINOMA	METASTATIC

CONTRIBUTORY CAUSE OF DEATH - MAMMARY GLAND; ADENOCARCINOMA

ANIMAL ID: 501	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26326

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 502	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26266

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 503	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD29
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26296

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 504	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26332

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 506	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26349

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 507	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26293

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 508	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26369

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 509	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26285

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 510	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26325

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 511	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD17
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26268

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 512	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26353

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 514	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26312

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 515	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD16
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26340

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 517	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26311

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 518	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26297

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 520	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26301

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 521	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26375

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 522	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26352

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 523	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26313

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 524	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26334

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 525	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26298

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 526	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD20
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26338

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 527	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26294

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 528	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD29
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26278

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 529	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26265

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 531	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26321

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 532	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26346

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 533	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26360

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 534	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26277

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 535	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26351

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 536	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26379

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 537	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26330

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 539	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26271

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 541	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD17
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26275

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 542	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26371

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 543	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26323

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 544	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD19
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26366

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 545	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26264

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

Study Number: C20302B-03
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data
Test Compound: alpha-Pinene
CAS Number: 80-56-8
Final

Date Report Requested: 06/03/2024
Time Report Requested: 10:53:56
Lab: Battelle with EPL

ANIMAL ID: 546	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26283

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 547	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD21
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26261

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 548	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26300

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 549	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26299

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 550	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD20
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26367

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 540R	**TRT#:** 3	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26306

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 551	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26292

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 552	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26342

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 553	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26374

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 554	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26337

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 555	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26267

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 556	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26364

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 557	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26280

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 558	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD29
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26287

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 560	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26361

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 561	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD18
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26317

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 562	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26272

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 563	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26279

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 564	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26348

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 565	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26382

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 566	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26359

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 567	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26345

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 568	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26362

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 569	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26378

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 570	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26314

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 571	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26295

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 572	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26380

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 573	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26263

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 574	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26319

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 575	**TRT#:** 4	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26310

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 576	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26381

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 577	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26303

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 578	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26274

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 579	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26305

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 580	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26324

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 581	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26363

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 582	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD22
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26308

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 583	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26343

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 584	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD16
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26291

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 586	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26358

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 587	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26376

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 588	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD18
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26284

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 589	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26276

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 590	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26318

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 591	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26365

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 592	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26281

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 593	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26377

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 594	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD17
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26355

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross Necropsy Performed

ANIMAL ID: 595	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26354

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 596	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26328

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 597	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26373

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 598	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26341

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 600	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD29
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26357

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 585R	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD20
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26290

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

ANIMAL ID: 599R	**TRT#:** 5	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** GD14
			DISP: Scheduled Removal (Terminal)	**HISTO:** 26269

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CARCASS	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Animal Note: Gross necropsy performed

LEGEND

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

** END OF REPORT **