Study Number:	C20302B-01
Study Sex:	Both
PWG Approval Date:	See web page for date of PWG Approval
Version:	v1.7.0

ANIMAL ID: 1	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700001

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	TAN, TGL2
	LOBE, MEDIAN	NODULE	TAN, TGL3
		NODULE	TAN, TGL1

Observation Comment: 3 X 3 X 3 mm
Observation Comment: 4 X 3 X 2 mm
Observation Comment: lobe, right anterior, 4 X 3 X 2 mm
[NODULE TGLS = TGL2]
[NODULE TGLS = TGL3]
[NODULE TGLS = TGL1]

ANIMAL ID: 1	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700001

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL
LIVER		CLEAR CELL FOCUS	
		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 1-13, TGL 2-6, TGL 3-6

[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL1-13, Gross Finding = LIVER; NODULE; TAN; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL2]

LUNG	PERIVASCULAR	INFILTRATION CELLULAR	MONONUCLEAR CELL, MINIMAL
NOSE	STENO'S GLAND	ATROPHY	MILD
	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 2	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700002

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	CAUDATE LOBE	MASS	TAN, TGL2
	LOBE, LEFT	MASS	TAN, TGL1

Observation Comment: 9 X 9 X 4 mm
Observation Comment: 8 X 6 X 2 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]

ANIMAL ID: 2	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700002

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	THYMUS

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 1-6, TGL 2-13

[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-13, Gross Finding = LIVER; CAUDATE LOBE; MASS; TAN; TGL2]

TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL

ANIMAL ID: 3	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD653
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700003

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	DARK, TGL1
	LOBE, MEDIAN	MASS	DARK, TGL2
	LOBE, MEDIAN	NODULE	RED, TGL3

Observation Comment: 12 X 9 X 6 mm
Observation Comment: 11 X 10 X 4 mm
Observation Comment: 5 X 5 X 1 mm
[MASS TGLS = TGL1]
[MASS TGLS = TGL2]
[NODULE TGLS = TGL3]

ANIMAL ID: 3	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD653
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700003

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LUNG	LYMPH NODE, 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
TESTIS	THYMUS	THYROID GLAND	

Autolysis Precludes Examination

LARYNX	PROSTATE	SEMINAL VESICLE	TRACHEA
URINARY BLADDER			

OBSERVATIONS

KIDNEY	PELVIS	INFLAMMATION	SUPPURATIVE, MARKED
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE

Tissue Comment: TGL 1-13, TGL 2-6, TGL 3-6

[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL2-6, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; DARK; TGL1]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL2-6, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL2-6, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; RED; TGL3]

PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; INFLAMMATION; PELVIS; SUPPURATIVE

ANIMAL ID: 4	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700004

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	RIGHT	FOCUS	TAN, TGL3
	LOBE, LEFT	MASS	MOTTLED, TGL1
	CAUDATE LOBE	NODULE	TAN, TGL2

Observation Comment: anterior; 2x2mm; Found at trim
Observation Comment: 22 X 17 X 10 mm
Observation Comment: 4 X 4 X 2 mm
[FOCUS TGLS = TGL3]
[MASS TGLS = TGL1]
[NODULE TGLS = TGL2]

ANIMAL ID: 4	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700004

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY	PELVIS	DILATION	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 3-15, TGL 1-13, TGL 2-14

[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, TGL2-14, Gross Finding = LIVER; CAUDATE LOBE; NODULE; TAN; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, TGL2-14, Gross Finding = LIVER; RIGHT; FOCUS; TAN; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL

ANIMAL ID: 5	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700005

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 5	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700005

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	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	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	CORTEX, SUBCAPSULAR	HYPERPLASIA	MODERATE
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE	CYST	
LARYNX	GLAND	INFLAMMATION	SUPPURATIVE, MINIMAL

ANIMAL ID: 6	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700006

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 6	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700006

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, MANDIBULAR	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			

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
NOSE	STENO'S GLAND	ATROPHY	MINIMAL
	NASOLACRIMAL DUCT	INFLAMMATION	SUPPURATIVE, MINIMAL

ANIMAL ID: 7	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD603
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700007

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

EPIDIDYMIS	LEFT	SMALL	TGL6
	RIGHT	SMALL	TGL2
Observation Comment: 0.5X			
[SMALL TGLS = TGL6]			
[SMALL TGLS = TGL2]			
LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL3
		MASS	MOTTLED, TGL4
Observation Comment: 25 X 15 X 10 mm; TGL 3 incorporates all lobes except for caudate			
Observation Comment: lobe, right posterior, 7 X 6 X 5 mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL4]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
TESTIS	LEFT	SMALL	TGL5
	RIGHT	SMALL	TGL1
Observation Comment: 0.5X			
[SMALL TGLS = TGL5]			
[SMALL TGLS = TGL1]			

ANIMAL ID: 7	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD603
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700007

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE
PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

MAMMARY GLAND

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MARKED
	BILATERAL	HYPOSPERMIA	MARKED
Tissue Comment: TGL 2-12, TGL 6-12			
[ATROPHY TGLS = TGL2-12, TGL6-12, Gross Finding = EPIDIDYMIS; LEFT; SMALL; TGL6]			
[ATROPHY TGLS = TGL2-12, TGL6-12, Gross Finding = EPIDIDYMIS; RIGHT; SMALL; TGL2]			
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, DUODENUM		PERFORATION	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
	PELVIS	DILATION	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 4-13, TGL 3-13			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-13, TGL3-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-13, TGL3-13, Gross Finding = LIVER; MASS; MOTTLED; TGL4]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
PITUITARY GLAND	PARS DISTALIS	CYST	
PROSTATE	ACINUS	ATROPHY	MODERATE
SEMINAL VESICLE		ATROPHY	MARKED
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MARKED
Tissue Comment: TGL 1-12, TGL 5-12			
[DEGENERATION TGLS = TGL5-12, TGL1-12, Gross Finding = TESTIS; LEFT; SMALL; TGL5]			

ANIMAL ID: 7	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD603
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700007

[DEGENERATION TGLS = TGL5-12, TGL1-12, Gross Finding = TESTIS; RIGHT; SMALL; TGL1]

THYMUS	ATROPHY	MARKED

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

Animal Note: Ruffled Coat was present, but not significant pathologically; Thin was not transcribed onto the IANR and thus was not correlated at the time of necropsy.

ANIMAL ID: 8	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700008

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
KIDNEY - RIGHT	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

HARDERIAN GLAND	RIGHT	MASS	TAN, TGL3
Observation Comment: 7 X 4 X 3 mm			
[MASS TGLS = TGL3]			
INTESTINE, SMALL, JEJUNUM		NODULE	MOTTLED, TGL4
Observation Comment: 4 X 3 X 2 mm			
[NODULE TGLS = TGL4]			
KIDNEY	LEFT	CYST	CLEAR, TGL1
Observation Comment: 2 mm diameter			
[CYST TGLS = TGL1]			
LUNG	LOBE, LEFT	FOCUS	WHITE, TGL2, 1
Observation Comment: 3 X 2 mm			
[FOCUS TGLS = TGL2, 1]			

ANIMAL ID: 8	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700008

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

HARDERIAN GLAND	ADENOMA	
[ADENOMA TGLS = TGL 3-10, Gross Finding = HARDERIAN GLAND; RIGHT; MASS; TAN; TGL3]		
HEART	CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM	ADENOMA	
[ADENOMA TGLS = TGL 4-13, Gross Finding = INTESTINE, SMALL, JEJUNUM; NODULE; MOTTLED; TGL4]		
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-7, Gross Finding = KIDNEY; LEFT; CYST; CLEAR; TGL1]		
LUNG	ALVEOLAR/BRONCHIOLAR CARCINOMA	
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 2-5, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL2, 1]		

ANIMAL ID: 9	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700009

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	MASS	MOTTLED, TGL1

Observation Comment: Lobe, right anterior, 6 X 6 X 6 mm

[MASS TGLS = TGL1]

ANIMAL ID: 9	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700009

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	RENAL TUBULE	CYST	
LIVER		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-13, Gross Finding = LIVER; MASS; MOTTLED; TGL1]			
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL

ANIMAL ID: 10	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700010

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	PELVIS, LEFT	DILATION	TGL5
Observation Comment: 6 X 5 X 5 mm			
[DILATION TGLS = TGL5]			
LIVER		MASS	MOTTLED, TGL1
		NODULE	MOTTLED, TGL2
Observation Comment: Lobe, right anterior, 20 X 20 X 14 mm			
Observation Comment: lobe, right posterior, 4 X 4 X 2 mm			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL2]			
LYMPH NODE, MESENTERIC		ENLARGED	RED, TGL7
Observation Comment: 3 X			
[ENLARGED TGLS = TGL7]			
PENIS		PROLAPSE	GREEN, TGL3
[PROLAPSE TGLS = TGL3]			
THYMUS		SMALL	TGL6
Observation Comment: 0.1 X			
[SMALL TGLS = TGL6]			
URINARY BLADDER		DILATION	CLEAR, TGL4
Observation Comment: 25 mm dia			

ANIMAL ID: 10	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700010

[DILATION TGLS = TGL4]

ANIMAL ID: 10	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700010

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYROID GLAND	TRACHEA

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
	PELVIS	DILATION	MODERATE
		FIBROSIS	MODERATE
	PAPILLA, EPITHELIUM	HYPERPLASIA	MILD
	PELVIS	INFLAMMATION	SUPPURATIVE, MARKED
	PAPILLA	MINERAL	
[DILATION TGLS = TGL 5-7, Gross Finding = KIDNEY; PELVIS, LEFT; DILATION; TGL5]			
LIVER		EOSINOPHILIC FOCUS	MULTIPLE
		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 1-13, TGL 2-14			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, Gross Finding = LIVER; NODULE; MOTTLED; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; MASS; MOTTLED; TGL1]			
LYMPH NODE, MESENTERIC		HEMORRHAGE	MILD
[HEMORRHAGE TGLS = TGL 7-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; RED; TGL7]			
PROSTATE		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
SEMINAL VESICLE		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
SKIN	PENIS	INFLAMMATION	CHRONIC-ACTIVE, MILD
[INFLAMMATION TGLS = TGL 3-15, Gross Finding = PENIS; PROLAPSE; GREEN; TGL3]			
THYMUS		ATROPHY	MILD
[ATROPHY TGLS = TGL 6-9, Gross Finding = THYMUS; SMALL; TGL6]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MARKED

ANIMAL ID: 10	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700010

	INFLAMMATION	CHRONIC-ACTIVE, MARKED

[INFLAMMATION TGLS = TGL 4-7, Gross Finding = URINARY BLADDER; DILATION; CLEAR; TGL4]

ANIMAL ID: 11	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700011

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LUNG	LYMPH NODE, 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

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX	GLAND	INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		CLEAR CELL FOCUS	

ANIMAL ID: 12	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700012

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	FOCUS	PINK, TGL1

Observation Comment: Right Anterior Lobe; up to 2 X 2 mm

[FOCUS TGLS = TGL1]

ANIMAL ID: 12	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700012

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MAMMARY GLAND	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, MEDIASTINAL	PARATHYROID GLAND

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX	GLAND	INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		CLEAR CELL FOCUS	
		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	
		MIXED CELL FOCUS	
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-13, Gross Finding = LIVER; FOCUS; PINK; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 13	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD369
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700013

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATING LESION	TO OBSERVATION / MASS

ANIMAL ID: 13	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD369
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700013

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	PANCREAS
PARATHYROID 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	MAMMARY GLAND	PITUITARY GLAND	THYMUS

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
NOSE	OLFACTORY EPITHELIUM	ATROPHY	MINIMAL
	RESPIRATORY EPITHELIUM	INFLAMMATION	CHRONIC-ACTIVE, MILD
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 14	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700014

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER		MASS	MOTTLED, TGL1
	LOBE, MEDIAN	NODULE	TAN, TGL2

Observation Comment: lobe, right anterior; 13 X 10 X 8 mm
Observation Comment: 4 X 4 X 2 mm
[MASS TGLS = TGL1]
[NODULE TGLS = TGL2]

ANIMAL ID: 14	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700014

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

MAMMARY GLAND

OBSERVATIONS

KIDNEY		INFARCT	MILD
	PELVIS	INFLAMMATION	SUPPURATIVE, MILD
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 2-6, TGL 1-13			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-13, TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-13, TGL2-6, Gross Finding = LIVER; MASS; MOTTLED; TGL1]			
NOSE	STENO'S GLAND	ATROPHY	MINIMAL
PROSTATE		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
TESTIS	RETE TESTIS	DILATION	MINIMAL
URINARY BLADDER		INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 15	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD600
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700015

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

NO CORRELATING LESION	TO OBSERVATION / MASS	
PENIS	PROLAPSE	TGL1
Observation Comment: Penis prolapsed out of prepuce about 6 mm		
[PROLAPSE TGLS = TGL1]		
STOMACH, GLANDULAR	FOCUS	DARK, TGL3
Observation Comment: 2 X 2 mm; observation found at trim		
[FOCUS TGLS = TGL3]		
URINARY BLADDER	ACCUMULUATION	WHITE, TGL2, 1
Tissue Comment: gross lesion 2 = thick white material		
[ACCUMULUATION TGLS = TGL2, 1]		

ANIMAL ID: 15	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD600
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700015

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	THYMUS	THYROID GLAND
TRACHEA			

No Section Present

MAMMARY GLAND

OBSERVATIONS

EPIDIDYMIS	EPITHELIUM, BILATERAL	APOPTOSIS	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
		INFARCT	MILD
	PELVIS	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
LIVER		EOSINOPHILIC FOCUS	
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
PROSTATE	EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	SUPPURATIVE, MILD
SKIN	PENIS	INFLAMMATION	CHRONIC-ACTIVE, MILD
	PENIS	ULCER	MARKED
[ULCER TGLS = TGL 1-13, Gross Finding = PENIS; PROLAPSE; TGL1]			
STOMACH, GLANDULAR		EROSION	MINIMAL
[EROSION TGLS = TGL 3-8, Gross Finding = STOMACH, GLANDULAR; FOCUS; DARK; TGL3]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
URINARY BLADDER		INFLAMMATION	CHRONIC-ACTIVE, MARKED
		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 2-7, Gross Finding = URINARY BLADDER; ACCUMULUATION; WHITE; TGL2, 1]			

CONTRIBUTORY CAUSE OF DEATH - SKIN; ULCER; PENIS

Animal Note: Thin was present, but not pathologically significant

ANIMAL ID: 15	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD600
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700015

Rough coat was present, but not pathologically significant

ANIMAL ID: 16	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700016

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	MASS	MOTTLED, TGL1

Observation Comment: lobe, right anterior, 8 X 6 X 5 mm; found by prosector after collection of molecular biology sample
[MASS TGLS = TGL1]

ANIMAL ID: 16	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700016

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

MAMMARY GLAND

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-6, Gross Finding = LIVER; MASS; MOTTLED; TGL1]			
NOSE	STENO'S GLAND	ATROPHY	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	

ANIMAL ID: 17	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700017

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 17	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700017

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	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

MAMMARY GLAND

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		INFLAMMATION	FOCAL, MINIMAL
		MULTINUCLEATED HEPATOCYTE	MINIMAL
		TENSION LIPIDOSIS	MINIMAL
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 18	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700018

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	FOCUS	TAN, TGL1

Observation Comment: multiple, up to 1 X 1 mm
[FOCUS TGLS = TGL1]

ANIMAL ID: 18	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700018

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LUNG	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	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

MAMMARY GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	

[HEPATOCELLULAR ADENOMA TGLS = TGL 1-6, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; TAN; TGL1]

ANIMAL ID: 19	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700019

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	NOSE	PANCREAS	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	GREEN, TGL2
		MASS	MOTTLED, TGL3
Observation Comment: 40 X 22 X 18 mm			
Observation Comment: 20 X 14 X 12 mm			
Observation Comment: lobe, right anterior; 18 X 14 X 12 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
SEMINAL VESICLE	BILATERAL	SMALL	TGL4
Observation Comment: 0.1 X			
[SMALL TGLS = TGL4]			

ANIMAL ID: 19	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700019

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA

No Section Present

LYMPH NODE, MEDIASTINAL	MAMMARY GLAND

OBSERVATIONS

COAGULATING GLAND	BILATERAL	ATROPHY	MARKED
[ATROPHY TGLS = TGL 4-12, Gross Finding = SEMINAL VESICLE; BILATERAL; SMALL; TGL4]			
HARDERIAN GLAND		INFLAMMATION	SUPPURATIVE, MARKED
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 1-13, TGL 2-6, TGL 3-14			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-6, TGL1-13, TGL3-14, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-6, TGL1-13, TGL3-14, Gross Finding = LIVER; LOBE, MEDIAN; MASS; GREEN; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-6, TGL1-13, TGL3-14, Gross Finding = LIVER; MASS; MOTTLED; TGL3]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
LYMPH NODE, MESENTERIC		HEMORRHAGE	MILD
PREPUTIAL GLAND		INFLAMMATION	GRANULOMATOUS, MODERATE
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MINIMAL
	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 20	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700020

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HEART	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, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	LEFT	ENLARGED	PALE, TGL2
Observation Comment: 4X			
[ENLARGED TGLS = TGL2]			
SKIN		ENLARGED	TGL1
Observation Comment: Tail, 9 X 5 X 5 mm			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 20	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700020

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
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	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	

No Section Present

LYMPH NODE, BRONCHIAL	MAMMARY GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL2-10, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; PALE; TGL2]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY	RENAL TUBULE	CYST	
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
SKIN		PLEOMORPHIC FIBROSARCOMA	
[PLEOMORPHIC FIBROSARCOMA TGLS = TGL 1-14, Gross Finding = SKIN; ENLARGED; TGL1]			

ANIMAL ID: 21	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700021

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LYMPH NODE, MEDIASTINAL	ENLARGED	RED, TGL1
Observation Comment: 10X; TGL1 = fluid filled		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 21	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700021

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	GALLBLADDER
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
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

MAMMARY GLAND

OBSERVATIONS

EYE	CORNEA	HYPERPLASIA	SQUAMOUS, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		TENSION LIPIDOSIS	MINIMAL
LYMPH NODE, MEDIASTINAL		HEMORRHAGE	MARKED
[HEMORRHAGE TGLS = TGL 1-9, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; RED; TGL1]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 22	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700022

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	NOSE	PANCREAS
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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

SEMINAL VESICLE	RIGHT	DISCOLORATION	BROWN, TGL1
[DISCOLORATION TGLS = TGL1]			

ANIMAL ID: 22	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700022

HISTOPATH TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	
		FATTY CHANGE	DIFFUSE, MINIMAL
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
PITUITARY GLAND	PARS DISTALIS	CYST	
SEMINAL VESICLE		INFLAMMATION	CHRONIC, MODERATE

[INFLAMMATION TGLS = TGL 1-14, Gross Finding = SEMINAL VESICLE; RIGHT; DISCOLORATION; BROWN; TGL1]

ANIMAL ID: 23	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700023

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	TAN, TGL1
	LOBE, MEDIAN	MASS	TAN, TGL2
Observation Comment: 11 X 11 X 8 mm			
Observation Comment: 8 X 8 X 4 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
LUNG	ACCESSORY LOBE	NODULE	WHITE, TGL3, 1
Observation Comment: 3 X 3 X 2 mm			
[NODULE TGLS = TGL3, 1]			

ANIMAL ID: 23	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700023

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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

ADRENAL GLAND	CORTEX, SUBCAPSULAR	HYPERPLASIA	MODERATE
	CORTEX	HYPERTROPHY	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 1-13, TGL 2-6

[HEPATOCELLULAR ADENOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL2]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	

[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 3-5, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; WHITE; TGL3, 1]

NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL

ANIMAL ID: 24	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD420
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700024

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
Observation Comment: 35 X 25 X 25 mm			
[MASS TGLS = TGL1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
SPLEEN		ENLARGED	TGL2
Observation Comment: 30 X 9 X 9 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 24	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD420
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700024

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND			

Autolysis Precludes Examination

KIDNEY	LARYNX	NOSE	STOMACH, FORESTOMACH
TRACHEA	URINARY BLADDER		

No Section Present

MAMMARY GLAND

OBSERVATIONS

LIVER	HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]		
LUNG	HEPATOCELLULAR CARCINOMA	METASTATIC
SPLEEN	HEMORRHAGE	MARKED
[HEMORRHAGE TGLS = TGL 2-6, Gross Finding = SPLEEN; ENLARGED; TGL2]		

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOCELLULAR CARCINOMA

Animal Note: Damaged tail not present at necropsy

ANIMAL ID: 25	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700025

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 25	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700025

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, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

LYMPH NODE, MANDIBULAR	MAMMARY GLAND

OBSERVATIONS

GALLBLADDER		INFLAMMATION	ACUTE, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE	CYST	
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
SALIVARY GLAND		INFILTRATION CELLULAR	MONONUCLEAR CELL, MINIMAL

ANIMAL ID: 26	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700026

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	CYST	CLEAR, TGL1
Observation Comment: 2 X 2 X 2 mm			
[CYST TGLS = TGL1]			

ANIMAL ID: 26	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700026

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, 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

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MINIMAL
	CORTEX	HYPERTROPHY	FOCAL, MILD
GALLBLADDER	EPITHELIUM	HYPERPLASIA	MINIMAL
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, ILEUM		CELLULARITY INCREASED	LYMPHOCYTE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE	CYST	
LIVER	BILE DUCT	CYST	
		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	
		MULTINUCLEATED HEPATOCYTE	MINIMAL
[CYST TGLS = TGL 1-6, Gross Finding = LIVER; LOBE, LEFT; CYST; CLEAR; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 27	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD726
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700027

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1

Observation Comment: 25x20x10 mm
[MASS TGLS = TGL1]

ANIMAL ID: 27	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD726
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700027

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	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
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	HEPATOCELLULAR CARCINOMA	
	NECROSIS	MILD

[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 28	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700028

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

MESENTERY	NODULE	YELLOW, TGL1, 1
Observation Comment: fat; 12 X 7 X 5 mm		
[NODULE TGLS = TGL1, 1]		

ANIMAL ID: 28	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700028

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE	CYST	
LIVER		INFLAMMATION	FOCAL, MODERATE
LUNG		METAPLASIA	OSSEOUS
MESENTERY	ADIPOSE TISSUE	NECROSIS	
[NECROSIS TGLS = TGL 1-14, Gross Finding = MESENTERY; NODULE; YELLOW; TGL1, 1]			
NOSE	STENO'S GLAND	ATROPHY	MINIMAL

ANIMAL ID: 29	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700029

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	TAN, TGL1
	LOBE, LEFT	NODULE	TAN, TGL2
Observation Comment: 7 X 6 X 2 mm			
Observation Comment: 2 X 2 X 2 mm			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL2]			
LUNG	LOBE, MIDDLE, RIGHT	NODULE	WHITE, TGL3, 1
Observation Comment: 4 X 4 X 2 mm			
[NODULE TGLS = TGL3, 1]			

ANIMAL ID: 29	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700029

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE	CYST	
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, TGL2-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 3-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; WHITE; TGL3, 1]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 30	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700030

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	TAN, TGL1
Observation Comment: 6 X 5 X 2 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 30	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700030

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, ILEUM	KIDNEY	LARYNX
LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

Autolysis Precludes Examination

INTESTINE, LARGE, COLON	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM

No Section Present

LYMPH NODE, BRONCHIAL	MAMMARY GLAND

OBSERVATIONS

LIVER		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-6, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOCELLULAR ADENOMA

ANIMAL ID: 31	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700031

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
Observation Comment: 30 X 25 X 16 mm			
[MASS TGLS = TGL1]			
LUNG		NODULE	TAN, TGL2
Observation Comment: Right Caudal Lobe; 4 X 3 X 3 mm			
[NODULE TGLS = TGL2]			

ANIMAL ID: 31	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700031

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	THYMUS

OBSERVATIONS

HEART	CARDIOMYOPATHY	MINIMAL
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]		
LUNG	ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
	HEPATOCELLULAR CARCINOMA	METASTATIC
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 2-5, Gross Finding = LUNG; NODULE; TAN; TGL2]		
SPLEEN	EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE

ANIMAL ID: 32	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700032

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	RIGHT	NODULE	TAN, TGL4
Observation Comment: 8 X 7 X 5 mm			
[NODULE TGLS = TGL4]			
LIVER	LOBE, LEFT	FOCUS	PALE, TGL1
	LOBE, MEDIAN	FOCUS	PALE, TWO, TGL2, 2
	LOBE, MEDIAN	NODULE	TAN, TGL3
Observation Comment: 1 X 1 mm			
Observation Comment: 3 X 3 X 2mm			
[FOCUS TGLS = TGL1]			
[FOCUS TGLS = TGL2, 2]			
[NODULE TGLS = TGL3]			

ANIMAL ID: 32	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700032

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	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

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 4-10, Gross Finding = HARDERIAN GLAND; RIGHT; NODULE; TAN; TGL4]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX	GLAND	INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MILD
		HEPATOCELLULAR ADENOMA	

Tissue Comment: TGL 1-6, TGL 2-6, TGL 3-6

[FATTY CHANGE TGLS = TGL2-6, TGL1-6, Gross Finding = LIVER; LOBE, LEFT; FOCUS; PALE; TGL1]

[FATTY CHANGE TGLS = TGL2-6, TGL1-6, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; PALE, TWO; TGL2, 2]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL3]

ANIMAL ID: 33	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700033

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	TAN, TGL1
Observation Comment: 4 X 3 X 2 mm			
[NODULE TGLS = TGL1]			
LUNG	LOBE, LEFT	NODULE	TAN, TGL2
Observation Comment: 3 X 3 X 1 mm			
[NODULE TGLS = TGL2]			

ANIMAL ID: 33	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700033

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
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	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

ADRENAL GLAND	CORTEX, SUBCAPSULAR	HYPERPLASIA	MILD
	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MILD
HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 2-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; TAN; TGL2]			
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MARKED
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL

ANIMAL ID: 34	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700034

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	FOCUS	WHITE, TGL2, 1
	LOBE, MEDIAN	MASS	DARK, TGL1
Observation Comment: up to 8 X 4 mm; multiple			
Observation Comment: 8 X 8 X 3 mm			
[FOCUS TGLS = TGL2, 1]			
[MASS TGLS = TGL1]			
LUNG		NODULE	MOTTLED, TGL3
Observation Comment: Right Caudal lobe; 5 X 4 X 2mm			
[NODULE TGLS = TGL3]			

ANIMAL ID: 34	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700034

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

HEART	CARDIOMYOPATHY	MINIMAL
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	CLEAR CELL FOCUS	MULTIPLE
	FATTY CHANGE	DIFFUSE, MINIMAL
	HEPATOCELLULAR ADENOMA	MULTIPLE
	HEPATOCELLULAR CARCINOMA	
	MIXED CELL FOCUS	

Tissue Comment: TGL 1-13, TGL 2-14

[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, Gross Finding = LIVER; LOBE, LEFT; FOCUS; WHITE; TGL2, 1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL1]

LUNG — ALVEOLAR/BRONCHIOLAR CARCINOMA

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 3-5, Gross Finding = LUNG; NODULE; MOTTLED; TGL3]

ANIMAL ID: 35	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700035

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	PANCREAS	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

ABDOMEN		ACCUMULUATION	DARK, TGL1
Observation Comment: ~3 mL			
[ACCUMULUATION TGLS = TGL1]			
LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL3
		MASS	MOTTLED, TGL4
Observation Comment: 20 X 19 X 15 mm			
Observation Comment: Caudate lobe; 16 X 10 X 10 mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL4]			
LUNG	RIGHT LOBE, CRANIAL	MASS	WHITE, TGL2, 1
Observation Comment: 13 X 13 X 8 mm			
[MASS TGLS = TGL2, 1]			
SEMINAL VESICLE	BILATERAL	SMALL	TGL5
Observation Comment: 0.1 X			
[SMALL TGLS = TGL5]			

ANIMAL ID: 35	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700035

HISTOPATH TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

CAVITY		NO CORRESPONDING LESION	
Tissue Comment: TGL 1-NoSlide			
[NO CORRESPONDING LESION TGLS = TGL 1-NOSLIDE, Gross Finding = ABDOMEN; ACCUMULUATION; DARK; TGL1]			
EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 3-14, TGL 4-15			
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-14, TGL4-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-14, TGL4-15, Gross Finding = LIVER; MASS; MOTTLED; TGL4]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
		HEPATOCELLULAR CARCINOMA	METASTATIC
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 2-13, Gross Finding = LUNG; RIGHT LOBE, CRANIAL; MASS; WHITE; TGL2, 1]			
LYMPH NODE, BRONCHIAL		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
NOSE		FOREIGN BODY	
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MILD
SEMINAL VESICLE		ATROPHY	MARKED
[ATROPHY TGLS = TGL 5-12, Gross Finding = SEMINAL VESICLE; BILATERAL; SMALL; TGL5]			
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MARKED
	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	SEMINIFEROUS TUBULE, BILATERAL	DILATION	MILD

ANIMAL ID: 36	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700036

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	TAN, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL1

Observation Comment: 6 X 5 X 4 mm
Observation Comment: 8 X 5 X 2 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]

ANIMAL ID: 36	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700036

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LUNG	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	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

MAMMARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
	VALVE	PIGMENT	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX	GLAND	INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE

Tissue Comment: TGL 1-6, TGL 2-6

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL1-6, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL1-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]

ANIMAL ID: 37	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700037

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	NODULE	TAN, TGL2
Observation Comment: 2 X 2 X 2 mm			
[NODULE TGLS = TGL2]			
MESENTERY		NODULE	YELLOW, TGL1, 1
Observation Comment: Fat; 11 X 9 X 6 mm			
[NODULE TGLS = TGL1, 1]			

ANIMAL ID: 37	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700037

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
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

MAMMARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		MIXED CELL FOCUS	MULTIPLE
[CLEAR CELL FOCUS TGLS = TGL 2-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MARKED
MESENTERY	ADIPOSE TISSUE	INFLAMMATION	SUPPURATIVE, MARKED
	ADIPOSE TISSUE	NECROSIS	
[NECROSIS TGLS = TGL 1-13, Gross Finding = MESENTERY; NODULE; YELLOW; TGL1, 1]			
NOSE	STENO'S GLAND	ATROPHY	MILD
	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 38	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700038

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	MASS	MOTTLED, TGL1

Observation Comment: Caudate lobe; 20 X 12 X 10 mm

[MASS TGLS = TGL1]

ANIMAL ID: 38	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700038

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	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

MAMMARY GLAND

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; MASS; MOTTLED; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 39	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700039

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

LIVER		MASS	MOTTLED, TGL2
	LOBE, LEFT	NODULE	TWO, WHITE, TGL4, 1, 2
		NODULE	TAN, TGL3
Observation Comment: Right anterior lobe; 19 X 15 X 10 mm			
Observation Comment: 2 X 2 X 1 mm			
Observation Comment: Caudate lobe; 4 X 4 X 3 mm			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL4, 1, 2]			
[NODULE TGLS = TGL3]			
LYMPH NODE, MANDIBULAR		ENLARGED	TAN, TWO, TGL1, 2
Observation Comment: 3X			
[ENLARGED TGLS = TGL1, 2]			
NO CORRELATE		TO OBSERVATION / MASS	
SKIN	FACE, LEFT	MASS	CASEOUS, YELLOW, TGL6, 2
Observation Comment: 25 X 14 X 7 mm			
[MASS TGLS = TGL6, 2]			
SPLEEN		ENLARGED	MOTTLED, TGL5
Observation Comment: 20 X 15 X 12 mm			

ANIMAL ID: 39	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700039

[ENLARGED TGLS = TGL5]

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

MAMMARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	MULTIPLE
		EXTRAMEDULLARY HEMATOPOIESIS	MARKED
		HEPATOCELLULAR ADENOMA	MULTIPLE

Tissue Comment: TGL 2-13, TGL 3-14, TGL4-15

[EOSINOPHILIC FOCUS TGLS = TGL4-15, Gross Finding = LIVER; LOBE, LEFT; NODULE; TWO, WHITE; TGL4, 1, 2]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-13, TGL3-14, Gross Finding = LIVER; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-13, TGL3-14, Gross Finding = LIVER; NODULE; TAN; TGL3]

LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MARKED

[HYPERPLASIA TGLS = TGL 1-11, Gross Finding = LYMPH NODE, MANDIBULAR; ENLARGED; TAN, TWO; TGL1, 2]

LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MARKED
SKIN		INFLAMMATION	GRANULOMATOUS, MARKED

[INFLAMMATION TGLS = TGL 6-16, Gross Finding = SKIN; FACE, LEFT; MASS; CASEOUS, YELLOW; TGL6, 2]

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED

[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 5-6, Gross Finding = SPLEEN; ENLARGED; MOTTLED; TGL5]

TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
	RETE TESTIS	DILATION	MINIMAL
	SEMINIFEROUS TUBULE	DILATION	MINIMAL

ANIMAL ID: 40	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD621
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700040

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	NODULE	TAN, TGL1
Observation Comment: 4 X 4 X 4 mm; found at trim			
[NODULE TGLS = TGL1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 40	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD621
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700040

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NERVE, SCIATIC
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKELETAL MUSCLE - THIGH
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	
		TENSION LIPIDOSIS	MINIMAL
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL1]			
NERVE, TRIGEMINAL		DEGENERATION	MODERATE
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MODERATE
	OLFACTORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MODERATE
	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MILD
	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Staining of the anus present but not correlated pathologically

ANIMAL ID: 41	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700041

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	TAN, TGL3
Observation Comment: 6 X 5 X 3 mm. Found at trim.			
[MASS TGLS = TGL3]			
LUNG	LOBE, LEFT	MASS	TAN, TGL1
Observation Comment: 10 X 8 X 8 mm			
[MASS TGLS = TGL1]			
MESENTERY		NODULE	MOTTLED, TGL2
Observation Comment: fat; 8 X 6 X 5 mm			
[NODULE TGLS = TGL2]			

ANIMAL ID: 41	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700041

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	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

MAMMARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		BASOPHILIC FOCUS	
		CLEAR CELL FOCUS	
		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 3-6, TGL 2-14

[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, Gross Finding = MESENTERY; NODULE; MOTTLED; TGL2]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LUNG; LOBE, LEFT; MASS; TAN; TGL1]

NOSE	STENO'S GLAND	ATROPHY	MILD
	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 42	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700042

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	TAN, TGL1
Observation Comment: 4 X 3 X 3 mm			
[NODULE TGLS = TGL1]			

ANIMAL ID: 42	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700042

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	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

MAMMARY GLAND

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		MIXED CELL FOCUS	MULTIPLE
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 43	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD520
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700043

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	TAN, TGL4
	LOBE, MEDIAN	NODULE	RED, TGL5
Observation Comment: 11 X 9 X 3 mm			
Observation Comment: 5 X 4 X 2 mm			
[MASS TGLS = TGL4]			
[NODULE TGLS = TGL5]			
LYMPH NODE	RENAL	ENLARGED	RED, TGL3
Observation Comment: 3X			
[ENLARGED TGLS = TGL3]			
SKIN	FORELIMB, LEFT	MASS	MOTTLED, TGL1
Observation Comment: 16 X 6 X 4 mm; ulcerated			
[MASS TGLS = TGL1]			
SPLEEN		ENLARGED	TGL2
Observation Comment: 25 X 5 X 3 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 43	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD520
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700043

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	THYMUS

OBSERVATIONS

HEART	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 4-6, TGL 5-6			
[HEPATOCELLULAR CARCINOMA TGLS = TGL5-6, TGL4-6, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL4]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL5-6, TGL4-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; RED; TGL5]			
LUNG	PERIVASCULAR	INFLAMMATION	ACUTE, MARKED
LYMPH NODE		EXTRAMEDULLARY HEMATOPOIESIS	MILD
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 3-13, Gross Finding = LYMPH NODE; RENAL; ENLARGED; RED; TGL3]			
LYMPH NODE, MANDIBULAR		EXTRAMEDULLARY HEMATOPOIESIS	MILD
LYMPH NODE, MESENTERIC		EXTRAMEDULLARY HEMATOPOIESIS	MILD
SKIN		INFLAMMATION	SUPPURATIVE, MARKED
		ULCER	MARKED
[ULCER TGLS = TGL 1-13, Gross Finding = SKIN; FORELIMB, LEFT; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-6, Gross Finding = SPLEEN; ENLARGED; TGL2]			
URINARY BLADDER		INFILTRATION CELLULAR	MIXED CELL, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - SKIN; ULCER

ANIMAL ID: 44	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700044

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER		MASS	MOTTLED, TGL1
		MASS	MOTTLED, TGL2
Observation Comment: Right anterior lobe; 22 X 22 X 14 mm			
Observation Comment: Caudate lobe; 16 X 14 X 11mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
LUNG	LOBE, LEFT	NODULE	WHITE, TGL4, 1
Observation Comment: 5 X 5 X 3 mm			
[NODULE TGLS = TGL4, 1]			
SPLEEN		ENLARGED	DARK, TGL3
Observation Comment: 22 X 6 X 3 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 44	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700044

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	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

MAMMARY GLAND

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MARKED
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 1-13, TGL 2-14			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; MASS; MOTTLED; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
		HEPATOCELLULAR CARCINOMA	METASTATIC
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 4-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL4, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 3-6, Gross Finding = SPLEEN; ENLARGED; DARK; TGL3]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MILD

ANIMAL ID: 45	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700045

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 45	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700045

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LUNG	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	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			

Insufficient Tissue

LYMPH NODE, MEDIASTINAL			

No Section Present

LYMPH NODE, BRONCHIAL	MAMMARY GLAND		

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
NOSE	STENO'S GLAND	ATROPHY	MILD

ANIMAL ID: 46	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD557
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700046

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

SKELETAL MUSCLE	CERVICAL, DORSAL	DISCOLORATION	RED, TGL1

Observation Comment: 18 X 12 mm; consists of hemorrhage

[DISCOLORATION TGLS = TGL1]

ANIMAL ID: 46	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD557
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700046

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	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	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

No Section Present

MAMMARY GLAND

OBSERVATIONS

HEART	CARDIOMYOPATHY	MINIMAL
LIVER	HEPATOCELLULAR ADENOMA	
LUNG	ALVEOLAR/BRONCHIOLAR ADENOMA	
SKELETAL MUSCLE	HEMORRHAGE	MILD

[HEMORRHAGE TGLS = TGL 1-13, Gross Finding = SKELETAL MUSCLE; CERVICAL, DORSAL; DISCOLORATION; RED; TGL1]

Animal Note: Accidental death per study director

ANIMAL ID: 47	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD606
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700047

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LYMPH NODE	BILATERAL, RENAL	ENLARGED	RED, TWO, TGL5, 2
	LUMBAR	ENLARGED	MOTTLED, THREE, TGL2, 2
Observation Comment: up to 20x			
Observation Comment: 10x			
[ENLARGED TGLS = TGL5, 2]			
[ENLARGED TGLS = TGL2, 2]			
LYMPH NODE, MANDIBULAR		ENLARGED	DARK, TGL3
Observation Comment: 10x			
[ENLARGED TGLS = TGL3]			
LYMPH NODE, MEDIASTINAL		ENLARGED	TGL7
Observation Comment: 10x, multiple			
[ENLARGED TGLS = TGL7]			
LYMPH NODE, MESENTERIC		ENLARGED	MOTTLED, TGL6
Observation Comment: 30x, TGL6 engulfs the pancreas			
[ENLARGED TGLS = TGL6]			
PANCREAS			
Tissue Comment: TGL6 engulfs the pancreas			
SKIN	RIGHT, THORACIC	CRUST	RED, TGL4
Observation Comment: 3x3 mm			

ANIMAL ID: 47	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD606
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700047

[CRUST TGLS = TGL4]		
SPLEEN	ENLARGED	TGL1
Observation Comment: 28x8x3 mm		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 47	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD606
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700047

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	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

EPIDIDYMIS		LYMPHOMA	MALIGNANT
HEART		LYMPHOMA	MALIGNANT
LIVER		EXTRAMEDULLARY HEMATOPOIESIS	MILD
LUNG		LYMPHOMA	MALIGNANT
LYMPH NODE	LUMBAR	LYMPHOMA	MALIGNANT
	RENAL	LYMPHOMA	MALIGNANT
Tissue Comment: TGL 2-14, TGL 5-15			
[LYMPHOMA TGLS = TGL2-14, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; MOTTLED, THREE; TGL2, 2]			
[LYMPHOMA TGLS = TGL5-15, Gross Finding = LYMPH NODE; BILATERAL, RENAL; ENLARGED; RED, TWO; TGL5, 2]			
LYMPH NODE, BRONCHIAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 3-11, Gross Finding = LYMPH NODE, MANDIBULAR; ENLARGED; DARK; TGL3]			
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 7-9, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TGL7]			
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 6-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; MOTTLED; TGL6]			
SKIN		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
[INFLAMMATION TGLS = TGL 4-13, Gross Finding = SKIN; RIGHT, THORACIC; CRUST; RED; TGL4]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
		LYMPHOMA	MALIGNANT
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 1-6, Gross Finding = SPLEEN; ENLARGED; TGL1]			
TESTIS	RETE TESTIS	DILATION	MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LYMPH NODE, BRONCHIAL; LYMPHOMA; MALIGNANT

ANIMAL ID: 48	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700048

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
		MASS	MOTTLED, TGL2
Observation Comment: 18 X 12 X 12 mm			
Observation Comment: Right anterior lobe, 9 X 6 X 6 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
PROSTATE		SMALL	TGL3
Observation Comment: 0.1 X			
[SMALL TGLS = TGL3]			

ANIMAL ID: 48	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700048

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

MAMMARY GLAND	PREPUTIAL GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 1-13, TGL 2-14

[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, Gross Finding = LIVER; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

PROSTATE	ACINUS	ATROPHY	MODERATE

[ATROPHY TGLS = TGL 3-11, Gross Finding = PROSTATE; SMALL; TGL3]

STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL

ANIMAL ID: 49	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700049

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HEART	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, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

HARDERIAN GLAND	LEFT	MASS	TAN, TGL1
Observation Comment: 6 X 4 X 4 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 49	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700049

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
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	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, MANDIBULAR

OBSERVATIONS

ADRENAL GLAND	CORTEX, SUBCAPSULAR	HYPERPLASIA	MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MILD
HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 1-10, Gross Finding = HARDERIAN GLAND; LEFT; MASS; TAN; TGL1]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
NOSE	STENO'S GLAND	ATROPHY	MILD

ANIMAL ID: 50	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700050

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 50	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700050

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	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

MAMMARY GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	MULTIPLE
NOSE	STENO'S GLAND	ATROPHY	MINIMAL

ANIMAL ID: 51	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD609
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700051

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	DARK, TGL1
Observation Comment: 15x13x7 mm [MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 51	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD609
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700051

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, 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	THYROID GLAND		

Autolysis Precludes Examination

TRACHEA	URINARY BLADDER

No Section Present

PITUITARY GLAND

OBSERVATIONS

HARDERIAN GLAND	HYPERPLASIA	MARKED
LIVER	HEPATOCELLULAR CARCINOMA	
	NECROSIS	MARKED

[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL1]

CONTRIBUTORY CAUSE OF DEATH - LIVER; NECROSIS

ANIMAL ID: 52	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700052

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

GALLBLADDER
Tissue Comment: Gallbladder is incorporated into mass

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1

Observation Comment: 34x27x13mm
[MASS TGLS = TGL1]

ANIMAL ID: 52	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700052

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	PANCREAS
PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

LYMPH NODE, MEDIASTINAL	PITUITARY GLAND	THYMUS	

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MINIMAL
HARDERIAN GLAND		HYPERPLASIA	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
	VALVE	PIGMENT	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR CARCINOMA	
		NECROSIS	MULTIFOCAL, MARKED
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	METASTATIC
	PERIVASCULAR	INFILTRATION CELLULAR	MONONUCLEAR CELL, MINIMAL
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	SEMINIFEROUS TUBULE, BILATERAL	DILATION	MILD

ANIMAL ID: 53	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD554
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700053

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL2
	RIGHT	DEFORMITY	PALE, TGL4
Observation Comment: granular			
[DEFORMITY TGLS = TGL2]			
[DEFORMITY TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	
SPLEEN		NODULE	DARK, TGL1
Observation Comment: 3x3x3 mm			
[NODULE TGLS = TGL1]			
STOMACH, GLANDULAR		FOCUS	DARK, TGL3
Observation Comment: up to 4x2 mm			
[FOCUS TGLS = TGL3]			

ANIMAL ID: 53	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD554
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700053

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	SALIVARY GLAND	SEMINAL VESICLE	SKIN
THYMUS	THYROID GLAND	TRACHEA	

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		BACTERIA	
	RENAL TUBULE	INFLAMMATION	SUPPURATIVE, MARKED
	CYTOPLASMIC, RENAL TUBULE	VACUOLATION	MILD
Tissue Comment: TGL 2-7, TGL 4-7			
[INFLAMMATION TGLS = TGL2-7, TGL4-7, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL2]			
[INFLAMMATION TGLS = TGL2-7, TGL4-7, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL4]			
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		MULTINUCLEATED HEPATOCYTE	MILD
		TENSION LIPIDOSIS	MINIMAL
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
PROSTATE		INFLAMMATION	SUPPURATIVE, MODERATE
SPLEEN		FIBROSIS	MILD
		HEMANGIOSARCOMA	
[HEMANGIOSARCOMA TGLS = TGL 1-6, Gross Finding = SPLEEN; NODULE; DARK; TGL1]			
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL
STOMACH, GLANDULAR		EROSION	MINIMAL
[EROSION TGLS = TGL 3-8, Gross Finding = STOMACH, GLANDULAR; FOCUS; DARK; TGL3]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
URINARY BLADDER		INFLAMMATION	SUPPURATIVE, MILD
	UROTHELIUM	ULCER	MILD

ANIMAL ID: 53	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD554
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700053

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; INFLAMMATION; RENAL TUBULE; SUPPURATIVE

ANIMAL ID: 54	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700054

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	FOCUS	TWO, WHITE, TGL4, 1, 2
	LOBE, LEFT	MASS	MOTTLED, TGL1
	RIGHT	NODULE	TAN, TGL3
	RIGHT	NODULE	TAN, TGL2

Observation Comment: foci; up to 2x2 mm
Observation Comment: 13x11x9 mm
Observation Comment: posterior; 3x3x2 mm
Observation Comment: anterior; 4x4x2 mm
[FOCUS TGLS = TGL4, 1, 2]
[MASS TGLS = TGL1]
[NODULE TGLS = TGL3]
[NODULE TGLS = TGL2]

ANIMAL ID: 54	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700054

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	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
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

MAMMARY GLAND

OBSERVATIONS

LIVER		EOSINOPHILIC FOCUS	
		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-15, TGL 4-6

[EOSINOPHILIC FOCUS TGLS = TGL4-6, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; TWO, WHITE; TGL4, 1, 2]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, TGL2-14, Gross Finding = LIVER; RIGHT; NODULE; TAN; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, TGL2-14, Gross Finding = LIVER; RIGHT; NODULE; TAN; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MODERATE

ANIMAL ID: 55	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700055

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

HEART	LEFT, ATRIUM	MASS	WHITE, TGL1, 1
Observation Comment: 6x6x4 mm			
[MASS TGLS = TGL1, 1]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL3
Observation Comment: 26x16x13mm			
Observation Comment: 15x11x6 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 55	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700055

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	GALLBLADDER	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			
Tissue Comment: One adrenal gland = missing			
AORTA		THROMBUS	
EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MILD
	DUCT, BILATERAL	EXFOLIATED GERM CELL	MILD
HARDERIAN GLAND		HYPERPLASIA	MODERATE
		INFLAMMATION	SUPPURATIVE, MILD
HEART	ATRIUM	THROMBUS	
[THROMBUS TGLS = TGL 1-6, Gross Finding = HEART; LEFT, ATRIUM; MASS; WHITE; TGL1, 1]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 3-6, TGL 2-13			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLUS	INFILTRATION CELLULAR	HISTIOCYTE, MILD
	PERIVASCULAR	INFILTRATION CELLULAR	MONONUCLEAR CELL, MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	SEMINIFEROUS TUBULE	DILATION	MINIMAL

ANIMAL ID: 56	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD680
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700056

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

ABDOMEN		ACCUMULUATION	RED, TGL2
Observation Comment: Cavities; ~3mL; TGL 2 consistent with hemorrhage.			
[ACCUMULUATION TGLS = TGL2]			
LIVER	LOBE, MEDIAN	MASS	TAN, TGL1
Observation Comment: 25x22x8 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 56	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD680
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700056

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LUNG
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			

Autolysis Precludes Examination

TRACHEA	URINARY BLADDER

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR

OBSERVATIONS

CAVITY		NO CORRESPONDING LESION	
Tissue Comment: TGL 2-NoSlide			
[NO CORRESPONDING LESION TGLS = TGL 2-NOSLIDE, Gross Finding = ABDOMEN; ACCUMULUATION; RED; TGL2]			
LIVER		HEPATOCELLULAR CARCINOMA	
		NECROSIS	MINIMAL
Tissue Comment: TGL 1-13, TGL 1-14			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL1]			
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 57	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700057

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	CAUDATE LOBE	NODULE	TGL2

Observation Comment: 16x9x9 mm
Observation Comment: 5x5x2 mm
[MASS TGLS = TGL1]
[NODULE TGLS = TGL2]

ANIMAL ID: 57	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700057

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, 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	

OBSERVATIONS

EYE	LENS	CATARACT	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL1-13, TGL2-14

[HEPATOCELLULAR ADENOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, Gross Finding = LIVER; CAUDATE LOBE; NODULE; TGL2]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
	PERIVASCULAR	INFILTRATION CELLULAR	MONONUCLEAR CELL, MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 58	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700058

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	TGL4
	RIGHT	DEFORMITY	TGL5
Observation Comment: TGL 4 - Granular			
Observation Comment: TGL 5 - Granular			
[DEFORMITY TGLS = TGL4]			
[DEFORMITY TGLS = TGL5]			
LIVER	LOBE, MEDIAN, LOBE, LEFT	MASS	MOTTLED, TGL3
Observation Comment: 45x36x14 mm			
[MASS TGLS = TGL3]			
PROSTATE		SMALL	TGL2
Observation Comment: 0.1x			
[SMALL TGLS = TGL2]			
SEMINAL VESICLE	BILATERAL	SMALL	TGL1
Observation Comment: 0.1x			
[SMALL TGLS = TGL1]			

ANIMAL ID: 58	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700058

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA			

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
Tissue Comment: TGL 4-7, TGL 5-7			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-7, TGL5-7, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL4]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL4-7, TGL5-7, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL5]			
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 3-13, Gross Finding = LIVER; LOBE, MEDIAN, LOBE, LEFT; MASS; MOTTLED; TGL3]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
PROSTATE	ACINUS	ATROPHY	MODERATE
[ATROPHY TGLS = TGL 2-11, Gross Finding = PROSTATE; SMALL; TGL2]			
SEMINAL VESICLE		ATROPHY	MARKED
[ATROPHY TGLS = TGL 1-12, Gross Finding = SEMINAL VESICLE; BILATERAL; SMALL; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 59	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700059

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	CAUDATE LOBE	FOCUS	WHITE, TGL2, 1
	LOBE, LEFT	FOCUS	WHITE, TGL1, 1
	LOBE, MEDIAN	FOCUS	FOUR, TAN, 1, TGL3

Observation Comment: 3x3 mm
Observation Comment: 1x1 mm
Observation Comment: up to 3x3 mm
[FOCUS TGLS = TGL2, 1]
[FOCUS TGLS = TGL1, 1]
[FOCUS TGLS = 1, TGL3]

NO CORRELATING LESION — TO OBSERVATION / MASS

ANIMAL ID: 59	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700059

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY	CYTOPLASMIC, RENAL TUBULE	VACUOLATION	MINIMAL
LIVER		BASOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	MULTIPLE

Tissue Comment: TGL 1-6 TGL 3-14 TGL 3-6 TGL 2-13

[BASOPHILIC FOCUS TGLS = TGL1-6, TGL2-13, Gross Finding = LIVER; CAUDATE LOBE; FOCUS; WHITE; TGL2, 1]

[BASOPHILIC FOCUS TGLS = TGL1-6, TGL2-13, Gross Finding = LIVER; LOBE, LEFT; FOCUS; WHITE; TGL1, 1]

[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, TGL3-14, Gross Finding = LIVER; LOBE, LEFT; FOCUS; WHITE; TGL1, 1]

[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, TGL3-14, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; FOUR, TAN; 1, TGL3]

ANIMAL ID: 60	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD565
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700060

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	ACCESSORY LOBE	NODULE	WHITE, TGL1, 1

Observation Comment: 3x3x2 mm; found at trim

[NODULE TGLS = TGL1, 1]

ANIMAL ID: 60	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD565
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700060

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	GALLBLADDER
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

EYE	LENS	CATARACT	MINIMAL
HARDERIAN GLAND		HYPERPLASIA	MODERATE
HEART	VALVE	INFLAMMATION	SUPPURATIVE, MODERATE
KIDNEY	CYTOPLASMIC, RENAL TUBULE	VACUOLATION	MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MILD
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 1-5, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; WHITE; TGL1, 1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- LUNG; ALVEOLAR/BRONCHIOLAR CARCINOMA

ANIMAL ID: 61	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700061

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	DEFORMITY	PALE, TGL1
	RIGHT	DEFORMITY	PALE, TGL5
Observation Comment: TGL1: Granular			
Observation Comment: TGL 5: Granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL5]			
LIVER	LOBE, LEFT	NODULE	MOTTLED, TGL3
	LOBE, MEDIAN	NODULE	MOTTLED, TGL2
	RIGHT	NODULE	MOTTLED, TGL4
Observation Comment: 4x4x4 mm			
Observation Comment: 5x5x4 mm			
Observation Comment: Anterior; 3x3x3 mm			
[NODULE TGLS = TGL3]			
[NODULE TGLS = TGL2]			
[NODULE TGLS = TGL4]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 61	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700061

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

MAMMARY GLAND	PITUITARY GLAND

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD

Tissue Comment: TGL 1-7, TGL 5-7

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-7, TGL5-7, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL1-7, TGL5-7, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL5]

LIVER	CLEAR CELL FOCUS	
	FATTY CHANGE	DIFFUSE, MINIMAL
	HEMANGIOMA	
	HEPATOCELLULAR ADENOMA	MULTIPLE

Tissue Comment: TGL 2-13, TGL 3-14, TGL 4-15

[CLEAR CELL FOCUS TGLS = TGL4-15, Gross Finding = LIVER; RIGHT; NODULE; MOTTLED; TGL4]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-14, TGL2-13, Gross Finding = LIVER; LOBE, LEFT; NODULE; MOTTLED; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-14, TGL2-13, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL2]

ANIMAL ID: 62	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700062

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1

Observation Comment: 21x18x12 mm
[MASS TGLS = TGL1]

ANIMAL ID: 62	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700062

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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

HEART	CARDIOMYOPATHY	MINIMAL
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCELLULAR CARCINOMA	
	MULTINUCLEATED HEPATOCYTE	MILD
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]		
LUNG	ALVEOLAR/BRONCHIOLAR ADENOMA	
PREPUTIAL GLAND	INFLAMMATION	SUPPURATIVE, MILD

ANIMAL ID: 63	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD609
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700063

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	DARK, TGL2
	LOBE, MEDIAN	MASS	DARK, TGL1

Observation Comment: 11x11x3 mm
Observation Comment: 10x9x6 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]

ANIMAL ID: 63	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD609
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700063

HISTOPATH TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

EPIDIDYMIS		INFLAMMATION	SUPPURATIVE, MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PELVIS	INFLAMMATION	SUPPURATIVE, MARKED
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 1-13, TGL 2-13			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-13, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL1]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-13, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL2]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PROSTATE		INFLAMMATION	SUPPURATIVE, MODERATE
URINARY BLADDER		INFLAMMATION	SUPPURATIVE, MILD
	UROTHELIUM	ULCER	MILD

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; INFLAMMATION; PELVIS; SUPPURATIVE

ANIMAL ID: 64	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD506
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700064

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	DARK, TGL1
Observation Comment: 10 X 10 X 3 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 64	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD506
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700064

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	NOSE	PANCREAS	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYROID GLAND	TRACHEA

Autolysis Precludes Examination

URINARY BLADDER

No Section Present

LYMPH NODE, MESENTERIC	MAMMARY GLAND	PARATHYROID GLAND	PITUITARY GLAND
THYMUS			

OBSERVATIONS

HEART	CARDIOMYOPATHY	MINIMAL
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL1]		
SEMINAL VESICLE	INFLAMMATION	SUPPURATIVE, MODERATE
SKIN	INFLAMMATION	SUPPURATIVE, MILD

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 65	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD519
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700065

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LUNG	RIGHT LOBE	MASS	TAN, TGL1
Observation Comment: Caudal; 20 X 15 X 10 mm			
[MASS TGLS = TGL1]			
LYMPH NODE, MEDIASTINAL		ENLARGED	TAN, TGL2
Observation Comment: 10 X			
[ENLARGED TGLS = TGL2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 65	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD519
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700065

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	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		

No Section Present

LYMPH NODE, MANDIBULAR	PARATHYROID GLAND

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 1-5 TGL 1-13			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL1-5, Gross Finding = LUNG; RIGHT LOBE; MASS; TAN; TGL1]			
LYMPH NODE, BRONCHIAL		ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC
LYMPH NODE, MEDIASTINAL		ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 2-9, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TAN; TGL2]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- LUNG; ALVEOLAR/BRONCHIOLAR CARCINOMA; MULTIPLE

ANIMAL ID: 66	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700066

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 66	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700066

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	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	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		FATTY CHANGE	FOCAL, MINIMAL
		INFLAMMATION	FOCAL, MINIMAL
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MILD
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 67	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD432
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700067

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
Observation Comment: 8 X 6 x 3 mm			
[MASS TGLS = TGL2]			
LUNG	RIGHT LOBE, CRANIAL	MASS	MOTTLED, TGL3
	LOBE, MIDDLE, RIGHT	NODULE	WHITE, TGL4, 1
Observation Comment: 15 X 10 X 7 mm			
Observation Comment: 5 X 3 X 2 mm			
[MASS TGLS = TGL3]			
[NODULE TGLS = TGL4, 1]			
THYMUS		ENLARGED	TAN, TGL1
Observation Comment: 2X			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 67	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD432
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700067

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA

Autolysis Precludes Examination

URINARY BLADDER

No Section Present

MAMMARY GLAND	STOMACH, FORESTOMACH	THYMUS

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MODERATE
	DUCT, BILATERAL	EXFOLIATED GERM CELL	MINIMAL
	BILATERAL	HYPOSPERMIA	MODERATE
LIVER		ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC
		HEPATOCELLULAR ADENOMA	
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 2-6, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
Tissue Comment: TGL 4-5, TGL 3-13			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL4-5, TGL3-13, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; WHITE; TGL4, 1]			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL4-5, TGL3-13, Gross Finding = LUNG; RIGHT LOBE, CRANIAL; MASS; MOTTLED; TGL3]			
LYMPH NODE, MEDIASTINAL		ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 1-9, Gross Finding = THYMUS; ENLARGED; TAN; TGL1]			
NOSE		CONCRETION	MINIMAL
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MILD
	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MODERATE

CONTRIBUTORY CAUSE OF DEATH	- LUNG; ALVEOLAR/BRONCHIOLAR CARCINOMA

ANIMAL ID: 68	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD540
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700068

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	FOCUS	PALE, TWO, TGL4, 2
	CAUDATE LOBE	MASS	MOTTLED, TGL2
	LOBE, LEFT	MASS	TAN, TGL1
	LOBE, MEDIAN	MASS	MOTTLED, TGL3
		NODULE	TAN, TGL6
		NODULE	TAN, TGL5

Tissue Comment: Five masses/nodules present in liver
Observation Comment: up to 4 X 4 mm
Observation Comment: 32 X 31 X 18 mm; dark
Observation Comment: 19 X 17 X 10 mm
Observation Comment: 17 X 11 X 7 mm; pale
Observation Comment: lobe, right posterior; 2 X 2 X 2 mm
Observation Comment: lobe, right anterior; 3 X 3 X 2 mm
[FOCUS TGLS = TGL4, 2]
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]
[MASS TGLS = TGL3]
[NODULE TGLS = TGL6]

ANIMAL ID: 68	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD540
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700068

[NODULE TGLS = TGL5]

NO CORRELATING LESION	TO OBSERVATION / MASS

ANIMAL ID: 68	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD540
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700068

HISTOPATH TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MILD
		INFLAMMATION	CHRONIC-ACTIVE, MILD
EYE	CORNEA	INFLAMMATION	ACUTE, MINIMAL
HEART		CARDIOMYOPATHY	MILD
	EPICARDIUM	INFLAMMATION	SUPPURATIVE, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
		NECROSIS	MODERATE

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-15, TGL 4-16, TGL 5-16, TGL 6-17

[HEPATOCELLULAR CARCINOMA TGLS = TGL5-16, TGL2-14, TGL6-17, TGL3-15, TGL4-16, TGL1-13, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL5-16, TGL2-14, TGL6-17, TGL3-15, TGL4-16, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL5-16, TGL2-14, TGL6-17, TGL3-15, TGL4-16, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; PALE, TWO; TGL4, 2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL5-16, TGL2-14, TGL6-17, TGL3-15, TGL4-16, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL5-16, TGL2-14, TGL6-17, TGL3-15, TGL4-16, TGL1-13, Gross Finding = LIVER; NODULE; TAN; TGL5]

[HEPATOCELLULAR CARCINOMA TGLS = TGL5-16, TGL2-14, TGL6-17, TGL3-15, TGL4-16, TGL1-13, Gross Finding = LIVER; NODULE; TAN; TGL6]

LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
		THROMBUS	
LYMPH NODE, MEDIASTINAL		EXTRAMEDULLARY HEMATOPOIESIS	MODERATE
SEMINAL VESICLE		INFLAMMATION	SUPPURATIVE, MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
THYMUS		EXTRAMEDULLARY HEMATOPOIESIS	MODERATE

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

ANIMAL ID: 68	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD540
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700068

Animal Note: Clinical Observations were not entered into Provantis at the time of death - only listed on IANR. Transcribed into Provantis from IANR on 8-28-17

Labored Breathing - no correlate
Lethargic - no correlate
Thin - present but no correlating lesion
Hunched - no correlate
Abrasions on sides of abdomen - present but not pathologically significant

ANIMAL ID: 69	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700069

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	NOSE	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER	MASS	MOTTLED, TGL2
Observation Comment: 30 X 20 X 11 mm; all liver lobes affected		
[MASS TGLS = TGL2]		
PANCREAS	MASS	TAN, TGL3
Observation Comment: 9 X 5 X 3 mm, found at trim		
[MASS TGLS = TGL3]		
STOMACH, FORESTOMACH	MASS	MOTTLED, TGL1
Observation Comment: 16 X 10 X 10 mm		
[MASS TGLS = TGL1]		

ANIMAL ID: 69	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700069

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA		

Autolysis Precludes Examination

URINARY BLADDER

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		INFARCT	MILD
		SQUAMOUS CELL CARCINOMA	METASTATIC
Observation Comment: primary = squamous cell carcinoma of forestomach			
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 2-13, Gross Finding = LIVER; MASS; MOTTLED; TGL2]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
		SQUAMOUS CELL CARCINOMA	METASTATIC
Observation Comment: primary = squamous cell carcinoma of forestomach			
LYMPH NODE	PANCREATIC	SQUAMOUS CELL CARCINOMA	METASTATIC
PANCREAS	ACINUS	SQUAMOUS CELL CARCINOMA	METASTATIC
[SQUAMOUS CELL CARCINOMA TGLS = TGL 3-14, Gross Finding = PANCREAS; MASS; TAN; TGL3]			
STOMACH, FORESTOMACH		SQUAMOUS CELL CARCINOMA	
Tissue Comment: TGL 1-15, TGL 3-14			
[SQUAMOUS CELL CARCINOMA TGLS = TGL3-14, TGL1-15, Gross Finding = PANCREAS; MASS; TAN; TGL3]			
[SQUAMOUS CELL CARCINOMA TGLS = TGL3-14, TGL1-15, Gross Finding = STOMACH, FORESTOMACH; MASS; MOTTLED; TGL1]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

CONTRIBUTORY CAUSE OF DEATH - STOMACH, FORESTOMACH; SQUAMOUS CELL CARCINOMA

ANIMAL ID: 70	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700070

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	LOBE, LEFT	NODULE	WHITE, TGL2, 1
Observation Comment: 3 X 2 X 2 mm			
[NODULE TGLS = TGL2, 1]			
MESENTERY		NODULE	YELLOW, TGL1, 1
Observation Comment: Fat; 6 X 5 X 3 mm			
[NODULE TGLS = TGL1, 1]			

ANIMAL ID: 70	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700070

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	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	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
TRACHEA			

No Section Present

MAMMARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 2-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL2, 1]			
MESENTERY	ADIPOSE TISSUE	NECROSIS	
[NECROSIS TGLS = TGL 1-14, Gross Finding = MESENTERY; NODULE; YELLOW; TGL1, 1]			
THYROID GLAND		AMYLOID	
	FOLLICLE	DEGENERATION	MODERATE
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 71	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700071

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	FOCUS	TAN, TGL3
	CAUDATE LOBE	MASS	TAN, TGL2
	RIGHT	MASS	TAN, TGL1

Observation Comment: 2x2 mm
Observation Comment: 8x5x3 mm
Observation Comment: Posterior; 7x6x5 mm
[FOCUS TGLS = TGL3]
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]

ANIMAL ID: 71	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700071

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX	GLAND	INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-6

[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, Gross Finding = LIVER; LOBE, LEFT; FOCUS; TAN; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; CAUDATE LOBE; MASS; TAN; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; RIGHT; MASS; TAN; TGL1]

ANIMAL ID: 72	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700072

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	CAUDATE LOBE	NODULE	TAN, TGL3
	LOBE, LEFT	NODULE	TAN, TGL1
	LOBE, MEDIAN	NODULE	TAN, TGL2

Observation Comment: found at trim; 5x3x2 mm
Observation Comment: 6x5x5 mm
Observation Comment: found at trim; 4x4x2 mm
[NODULE TGLS = TGL3]
[NODULE TGLS = TGL1]
[NODULE TGLS = TGL2]

ANIMAL ID: 72	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700072

HISTOPATH TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

HARDERIAN GLAND	BILATERAL	ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		MIXED CELL FOCUS	
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 1-6, TGL 2-6, TGL 3-6

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL1-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL1]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL1-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL2]

[MIXED CELL FOCUS TGLS = TGL3-6, Gross Finding = LIVER; CAUDATE LOBE; NODULE; TAN; TGL3]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	

ANIMAL ID: 73	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700073

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, LEFT	MASS	TAN, TGL2
	CAUDATE LOBE	NODULE	MOTTLED, TGL5
	LOBE, LEFT	NODULE	TAN, TGL4
	LOBE, LEFT	NODULE	TAN, TGL3
	LOBE, MEDIAN	NODULE	TAN, TGL6

Observation Comment: 25x15x10 mm
Observation Comment: 7x7x4 mm
Observation Comment: 5x5x3 mm
Observation Comment: found at trim; 2x2x2 mm
[MASS TGLS = TGL1]
[MASS TGLS = TGL2]
[NODULE TGLS = TGL5]
[NODULE TGLS = TGL4]
[NODULE TGLS = TGL3]
[NODULE TGLS = TGL6]

STOMACH, FORESTOMACH		FOCUS	WHITE, TGL7, 1

Observation Comment: Foci; found at trim; up to 2x2 mm

ANIMAL ID: 73	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700073

[FOCUS TGLS = TGL7, 1]

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, BRONCHIAL	THYMUS

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE

Tissue Comment: TGL1-13, TGL2-13, TGL3-13, TGL4-13, TGL 5-14, TGL 6-6

[HEPATOCELLULAR ADENOMA TGLS = TGL5-14, TGL6-6, Gross Finding = LIVER; CAUDATE LOBE; NODULE; MOTTLED; TGL5]

[HEPATOCELLULAR ADENOMA TGLS = TGL5-14, TGL6-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL6]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-13, TGL1-13, TGL4-13, TGL2-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-13, TGL1-13, TGL4-13, TGL2-13, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-13, TGL1-13, TGL4-13, TGL2-13, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-13, TGL1-13, TGL4-13, TGL2-13, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL4]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MILD
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MARKED

[HYPERPLASIA TGLS = TGL 7-8, Gross Finding = STOMACH, FORESTOMACH; FOCUS; WHITE; TGL7, 1]

ANIMAL ID: 74	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700074

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	RIGHT	ENLARGED	TGL6
Observation Comment: 3x			
[ENLARGED TGLS = TGL6]			
LIVER	LOBE, LEFT	FOCUS	THREE, WHITE, TGL4, 1, 2
	LOBE, MEDIAN	FOCUS	TWO, WHITE, TGL3, 1, 2
	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL1
Observation Comment: foci; up to 2x2 mm			
Observation Comment: foci; up to 2x2mm			
Observation Comment: 20x10x7 mm			
Observation Comment: 25x16x9 mm			
[FOCUS TGLS = TGL4, 1, 2]			
[FOCUS TGLS = TGL3, 1, 2]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
LUNG	RIGHT, CRANIAL	NODULE	WHITE, TGL5, 1
Observation Comment: 3x2x2 mm			
[NODULE TGLS = TGL5, 1]			

ANIMAL ID: 74	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700074

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, MESENTERIC	MAMMARY GLAND

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
		ADENOMA	
[ADENOCARCINOMA TGLS = TGL 6-14, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; TGL6]			
[ADENOMA TGLS = TGL 6-14, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; TGL6]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		NO CORRESPONDING LESION	
Tissue Comment: TGL 1-13, TGL 2-15, TGL 2-6, TGL 3-14, TGL 4-15			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL3-14, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; TWO, WHITE; TGL3, 1, 2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL3-14, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
[NO CORRESPONDING LESION TGLS = TGL4-15, Gross Finding = LIVER; LOBE, LEFT; FOCUS; THREE, WHITE; TGL4, 1, 2]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 5-5, Gross Finding = LUNG; RIGHT, CRANIAL; NODULE; WHITE; TGL5, 1]			
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 75	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700075

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	RIGHT	NODULE	TGL3
Observation Comment: 16x10x10 mm			
Observation Comment: 21x20x16 mm			
Observation Comment: Anterior; 3x3x3 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL3]			
LUNG	LOBE, LEFT	FOCUS	WHITE, TGL4, 1
Observation Comment: 2x2 mm			
[FOCUS TGLS = TGL4, 1]			

ANIMAL ID: 75	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700075

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-14

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL3-14, TGL2-14, Gross Finding = LIVER; LOBE, LEFT; MASS; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL3-14, TGL2-14, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL3-14, TGL2-14, Gross Finding = LIVER; RIGHT; NODULE; TGL3]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 4-5, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL4, 1]

ANIMAL ID: 76	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700076

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	TAN, TGL1
Observation Comment: 4x3x1 mm			
[NODULE TGLS = TGL1]			

ANIMAL ID: 76	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700076

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LUNG	LYMPH NODE, 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
LARYNX		INFILTRATION CELLULAR	MONONUCLEAR CELL, MODERATE
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	
		TENSION LIPIDOSIS	MINIMAL
[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MILD
	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL

ANIMAL ID: 77	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700077

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	LOBE, LEFT	NODULE	TAN, TWO, TGL3, 2
Observation Comment: 26x17x11 mm			
Observation Comment: up to 4x3x2 mm. Found at trim.			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL3, 2]			
LUNG	LOBE, MIDDLE, RIGHT	NODULE	WHITE, TGL2, 1
Observation Comment: 2x2x2 mm. Found at trim.			
[NODULE TGLS = TGL2, 1]			

ANIMAL ID: 77	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700077

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	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

MAMMARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 1-13, TGL 3-14			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-14, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN, TWO; TGL3, 2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 2-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; WHITE; TGL2, 1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL

ANIMAL ID: 78	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700078

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	TAN, TGL1
	LOBE, MEDIAN	MASS	TAN, TGL2
	LOBE, LEFT	NODULE	TAN, TGL5
	LOBE, LEFT	NODULE	TAN, TGL3
	LOBE, MEDIAN	NODULE	TAN, TGL4
Observation Comment: 10x7x5 mm			
Observation Comment: 7x5x5 mm			
Observation Comment: 2x2x2 mm			
Observation Comment: 3x3x2 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL5]			
[NODULE TGLS = TGL3]			
[NODULE TGLS = TGL4]			
LUNG	RIGHT	NODULE	WHITE, TGL6, 1
Observation Comment: caudal; 4x3x3 mm			
[NODULE TGLS = TGL6, 1]			

ANIMAL ID: 78	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700078

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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			

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MILD

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-13, TGL 4-14, TGL 5-14

[HEPATOCELLULAR ADENOMA TGLS = TGL4-14, TGL1-13, TGL3-13, TGL2-14, TGL5-14, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL1]

[HEPATOCELLULAR ADENOMA TGLS = TGL4-14, TGL1-13, TGL3-13, TGL2-14, TGL5-14, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL4-14, TGL1-13, TGL3-13, TGL2-14, TGL5-14, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL5]

[HEPATOCELLULAR ADENOMA TGLS = TGL4-14, TGL1-13, TGL3-13, TGL2-14, TGL5-14, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL4-14, TGL1-13, TGL3-13, TGL2-14, TGL5-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL4]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 6-5, Gross Finding = LUNG; RIGHT; NODULE; WHITE; TGL6, 1]

NOSE		FOREIGN BODY	
	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 79	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD599
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700079

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	TAN, TGL2
	LOBE, LEFT	NODULE	TAN, TGL1
	LOBE, MEDIAN	NODULE	TAN, TGL3

Observation Comment: 9x6x4 mm; found at trim
Observation Comment: 2x2x1 mm; found at trim
Observation Comment: 4x3x2 mm; found at trim
[MASS TGLS = TGL2]
[NODULE TGLS = TGL1]
[NODULE TGLS = TGL3]

NO CORRELATING LESION — TO OBSERVATION / MASS

ANIMAL ID: 79	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD599
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700079

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	NERVE	NERVE, SCIATIC
NOSE	PANCREAS	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	

Insufficient Tissue

URINARY BLADDER

No Section Present

PARATHYROID GLAND — SKELETAL MUSCLE - THIGH

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		FATTY CHANGE	DIFFUSE, MILD
		HEPATOCELLULAR ADENOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 3-6, TGL 2-18, TGL 1-18

[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL1-18, TGL2-18, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL1]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL1-18, TGL2-18, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL1-18, TGL2-18, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL3]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
NERVE			
Tissue Comment: trigeminal			
SPINAL CORD, LUMBAR		HEMORRHAGE	MODERATE
		NECROSIS	MODERATE

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- SPINAL CORD, LUMBAR; NECROSIS

ANIMAL ID: 80	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD674
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700080

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

BONE	LEFT, RADIUS	FRACTURE	TGL1
[FRACTURE TGLS = TGL1]			
HARDERIAN GLAND	LEFT	NODULE	TAN, TGL6
Observation Comment: 3x3x2 mm			
[NODULE TGLS = TGL6]			
KIDNEY	LEFT	NODULE	WHITE, TGL2, 1
	RIGHT	NODULE	TWO, WHITE, TGL5, 1, 2
	RIGHT	NODULE	WHITE, TGL4, 1
	RIGHT	NODULE	WHITE, TGL3, 1
Observation Comment: 3x3x2 mm; >5 nodules present on kidneys, largest five recorded.			
Observation Comment: 2x2x1 mm; >5 nodules present on kidneys, largest five recorded.			
Observation Comment: 2x2x2 mm; >5 nodules present on kidneys, largest five recorded.			
Observation Comment: 4x2x1 mm; >5 nodules present on kidneys, largest five recorded.			
[NODULE TGLS = TGL2, 1]			
[NODULE TGLS = TGL5, 1, 2]			
[NODULE TGLS = TGL4, 1]			
[NODULE TGLS = TGL3, 1]			
LIVER	LOBE, LEFT	MASS	RED, TGL7

ANIMAL ID: 80	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD674
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700080

Observation Comment: 6x5x2 mm
[MASS TGLS = TGL7]

NO CORRELATING LESION TO OBSERVATION / MASS

ANIMAL ID: 80	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD674
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700080

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA

Autolysis Precludes Examination

URINARY BLADDER

No Section Present

PREPUTIAL GLAND

OBSERVATIONS

BONE		FRACTURE	
[FRACTURE TGLS = TGL 1-13, Gross Finding = BONE; LEFT, RADIUS; FRACTURE; TGL1]			
HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 6-10, Gross Finding = HARDERIAN GLAND; LEFT; NODULE; TAN; TGL6]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY	PELVIS	DILATION	MARKED
	PELVIS	INFLAMMATION	SUPPURATIVE, MARKED
Tissue Comment: TGL 2-7, TGL 3-7, TGL 4-7, TGL 5-7			
[INFLAMMATION TGLS = TGL2-7, TGL4-7, TGL3-7, TGL5-7, Gross Finding = KIDNEY; LEFT; NODULE; WHITE; TGL2, 1]			
[INFLAMMATION TGLS = TGL2-7, TGL4-7, TGL3-7, TGL5-7, Gross Finding = KIDNEY; RIGHT; NODULE; TWO, WHITE; TGL5, 1, 2]			
[INFLAMMATION TGLS = TGL2-7, TGL4-7, TGL3-7, TGL5-7, Gross Finding = KIDNEY; RIGHT; NODULE; WHITE; TGL3, 1]			
[INFLAMMATION TGLS = TGL2-7, TGL4-7, TGL3-7, TGL5-7, Gross Finding = KIDNEY; RIGHT; NODULE; WHITE; TGL4, 1]			
LIVER		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL 7-6, Gross Finding = LIVER; LOBE, LEFT; MASS; RED; TGL7]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED

CONTRIBUTORY CAUSE OF DEATH - BONE; FRACTURE

ANIMAL ID: 81	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700081

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - RIGHT	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	LEFT	ENLARGED	WHITE, TGL4, 1
Observation Comment: 3x			
[ENLARGED TGLS = TGL4, 1]			
KIDNEY	LEFT	ACCUMULUATION	DARK, TGL1
Observation Comment: TGL1 = Clotted blood surrounding left kidney; 2 mLs			
[ACCUMULUATION TGLS = TGL1]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL3
Observation Comment: 27x15x7 mm			
Observation Comment: 21x14x7 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 81	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700081

HISTOPATH TISSUE STATUS

Within Normal Limits

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

Autolysis Precludes Examination

EPIDIDYMIS	TESTIS

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	INFARCT	MARKED
	PHEOCHROMOCYTOMA	COMPLEX, MALIGNANT
HARDERIAN GLAND	ADENOMA	
[ADENOMA TGLS = TGL 4-10, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; WHITE; TGL4, 1]		
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
	HEMORRHAGE	MODERATE
[HEMORRHAGE TGLS = TGL 1-14, Gross Finding = KIDNEY; LEFT; ACCUMULUATION; DARK; TGL1]		
LIVER	HEPATOCHOLANGIOCARCINOMA	MULTIPLE
Tissue Comment: TGL 2-6, TGL 3-13		
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL2-6, TGL3-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]		
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL2-6, TGL3-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]		
LUNG	HEPATOCHOLANGIOCARCINOMA	METASTATIC
NOSE	FOREIGN BODY	

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCHOLANGIOCARCINOMA; MULTIPLE

ANIMAL ID: 82	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD591
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700082

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

ABDOMEN	ABDOMINAL	FLUID	RED, TGL2
Observation Comment: TGL-2 = Blood. No sample taken.; 5 mLs			
[FLUID TGLS = TGL2]			
KIDNEY	RIGHT	MASS	MOTTLED, TGL1
Observation Comment: 25x22x8 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 82	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD591
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700082

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, MEDIASTINAL	THYMUS		

OBSERVATIONS

CAVITY		NO CORRESPONDING LESION	
Tissue Comment: TGL 2-NoSlide			
[NO CORRESPONDING LESION TGLS = TGL 2-NOSLIDE, Gross Finding = ABDOMEN; ABDOMINAL; FLUID; RED; TGL2]			
EYE	LENS	CATARACT	MINIMAL
KIDNEY		CARCINOMA	
		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
[CARCINOMA TGLS = TGL 1-13, Gross Finding = KIDNEY; RIGHT; MASS; MOTTLED; TGL1]			
LIVER		INFLAMMATION	FOCAL, MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- KIDNEY; CARCINOMA

ANIMAL ID: 83	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD600
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700083

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	DARK, TGL1
Observation Comment: 4x4x2 mm			
[NODULE TGLS = TGL1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
PENIS		PROLAPSE	TGL2
Observation Comment: TGL 2 = Prolapsed 8 mm out of prepuce; 8mm			
[PROLAPSE TGLS = TGL2]			
URINARY BLADDER		DILATION	TGL3
Observation Comment: TGL 3 contains yellow tinged clear fluid consistent with urine; 27x20x10 mm			
[DILATION TGLS = TGL3]			

ANIMAL ID: 83	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD600
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700083

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

PARATHYROID GLAND

OBSERVATIONS

EYE	LENS	CATARACT	MINIMAL
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; DARK; TGL1]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MODERATE
PROSTATE		INFLAMMATION	SUPPURATIVE, MODERATE
SKIN	PENIS	INFLAMMATION	CHRONIC-ACTIVE, MARKED
	PENIS	ULCER	MARKED
[ULCER TGLS = TGL 2-13, Gross Finding = PENIS; PROLAPSE; TGL2]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
TESTIS	RETE TESTIS, BILATERAL	DILATION	MINIMAL
URINARY BLADDER		DILATION	MARKED
[DILATION TGLS = TGL 3-7, Gross Finding = URINARY BLADDER; DILATION; TGL3]			

CONTRIBUTORY CAUSE OF DEATH - SKIN; ULCER; PENIS

ANIMAL ID: 84	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700084

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, LEFT	MASS	TAN, TGL3
	LOBE, MEDIAN	NODULE	MOTTLED, TGL1
	LOBE, MEDIAN	NODULE	TAN, TGL4

Observation Comment: up to 10x5x2 mm
Observation Comment: 5x4x4 mm; found at trim
Observation Comment: 4x3x2 mm
Observation Comment: 3x2x2 mm; found at trim
[MASS TGLS = TGL2]
[MASS TGLS = TGL3]
[NODULE TGLS = TGL1]
[NODULE TGLS = TGL4]

ANIMAL ID: 84	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700084

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
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	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA

OBSERVATIONS

GALLBLADDER	EPITHELIUM	HYPERPLASIA	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		MIXED CELL FOCUS	MULTIPLE

Tissue Comment: TGL 3-16, TGL 4-16, TGL 1-15, TGL 2-15

[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, TGL3-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL4]

[MIXED CELL FOCUS TGLS = TGL2-15, TGL1-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]

[MIXED CELL FOCUS TGLS = TGL2-15, TGL1-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL1]

NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 85	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700085

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	LOBE, LEFT	FOCUS	TAN, TGL1
Observation Comment: 2x2 mm			
[FOCUS TGLS = TGL1]			

ANIMAL ID: 85	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700085

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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	CEREBELLUM	HEMORRHAGE	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		MIXED CELL FOCUS	
		MULTINUCLEATED HEPATOCYTE	MINIMAL
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 1-5, Gross Finding = LUNG; LOBE, LEFT; FOCUS; TAN; TGL1]			
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL

ANIMAL ID: 86	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700086

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	FOCUS	FOUR, WHITE, TGL4, 2
	LOBE, MEDIAN	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL3
		MASS	MOTTLED, TGL1
	CAUDATE LOBE	NODULE	WHITE, TGL5, 1
	RIGHT	NODULE	WHITE, TGL6, 1

Observation Comment: up to 3x2 mm; found at trim
Observation Comment: 8x6x4 mm
Observation Comment: 13x7x3 mm
Observation Comment: anterior; 6x5x3 mm
Observation Comment: 3x3x2 mm; found at trim
Observation Comment: posterior; 3x3x3 mm; found at trim
[FOCUS TGLS = TGL4, 2]
[MASS TGLS = TGL2]
[MASS TGLS = TGL3]
[MASS TGLS = TGL1]
[NODULE TGLS = TGL5, 1]
[NODULE TGLS = TGL6, 1]

ANIMAL ID: 86	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700086

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	MULTIPLE
		EOSINOPHILIC FOCUS	MULTIPLE
		HEPATOCELLULAR ADENOMA	MULTIPLE
		MIXED CELL FOCUS	
		MULTINUCLEATED HEPATOCYTE	MINIMAL
		NO CORRESPONDING LESION	

Tissue Comment: TGL 2-15, TGL 3-15, TGL 1-13, TGL 4-14, TGL 5-16, TGL 6-17

[CLEAR CELL FOCUS TGLS = TGL4-14, Gross Finding = LIVER; LOBE, LEFT; FOCUS; FOUR, WHITE; TGL4, 2]

[HEPATOCELLULAR ADENOMA TGLS = TGL6-17, TGL3-15, TGL2-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL6-17, TGL3-15, TGL2-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL6-17, TGL3-15, TGL2-15, Gross Finding = LIVER; RIGHT; NODULE; WHITE; TGL6, 1]

[MIXED CELL FOCUS TGLS = TGL1-13, Gross Finding = LIVER; MASS; MOTTLED; TGL1]

[NO CORRESPONDING LESION TGLS = TGL5-16, Gross Finding = LIVER; CAUDATE LOBE; NODULE; WHITE; TGL5, 1]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED

ANIMAL ID: 87	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700087

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	RIGHT	CYST	DARK, TGL4
Observation Comment: red; 2x2x2 mm			
[CYST TGLS = TGL4]			
LIVER	LOBE, MEDIAN	MASS	TAN, TGL2
	LOBE, MEDIAN	MASS	TAN, TGL3
	RIGHT	MASS	MOTTLED, TGL1
Observation Comment: 7x7x4 mm			
Observation Comment: 7x4x4 mm			
Observation Comment: 24x18x16 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL1]			

ANIMAL ID: 87	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700087

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, MEDIASTINAL

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	RENAL TUBULE	CYST	
[CYST TGLS = TGL 4-7, Gross Finding = KIDNEY; RIGHT; CYST; DARK; TGL4]			
LIVER		BASOPHILIC FOCUS	
		EOSINOPHILIC FOCUS	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 1-13, TGL 2-6, TGL 3-6			
[EOSINOPHILIC FOCUS TGLS = TGL3-6, TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL2]			
[EOSINOPHILIC FOCUS TGLS = TGL3-6, TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL3]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 88	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD365
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700088

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
Observation Comment: 20 X 15 X 10 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 88	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD365
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700088

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	PANCREAS	PARATHYROID 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, MESENTERIC	MAMMARY GLAND	PITUITARY GLAND	SPLEEN

OBSERVATIONS

KIDNEY	CYTOPLASMIC, RENAL TUBULE	VACUOLATION	MILD
LARYNX		FOREIGN BODY	
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
NOSE		FOREIGN BODY	

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 89	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700089

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	ONE, TAN, 1, TGL1
	LOBE, MEDIAN	NODULE	ONE, TAN, 1, TGL2
	RIGHT	NODULE	ONE, WHITE, TGL3, 2

Observation Comment: 9x8x4 mm
Observation Comment: 3x3x3 mm
Observation Comment: posterior; 3x3x2 mm; found at trim
[MASS TGLS = 1, TGL1]
[NODULE TGLS = 1, TGL2]
[NODULE TGLS = TGL3, 2]

ANIMAL ID: 89	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700089

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	

No Section Present

PARATHYROID GLAND

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		MIXED CELL FOCUS	

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-15

[HEPATOCELLULAR ADENOMA TGLS = TGL1-13, TGL2-14, Gross Finding = LIVER; LOBE, LEFT; MASS; ONE, TAN; 1, TGL1]

[HEPATOCELLULAR ADENOMA TGLS = TGL1-13, TGL2-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; ONE, TAN; 1, TGL2]

[MIXED CELL FOCUS TGLS = TGL3-15, Gross Finding = LIVER; RIGHT; NODULE; ONE, WHITE; TGL3, 2]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 90	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD655
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700090

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	ENLARGED	DARK, TGL5
Observation Comment: 2x			
[ENLARGED TGLS = TGL5]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL3
	LOBE, MEDIAN	MASS	MOTTLED, TGL4
Observation Comment: 10x10x5 mm			
Observation Comment: 15x10x10 mm			
Observation Comment: 15x10x5 mm			
Observation Comment: 10x8x5 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL4]			
LUNG		FOCUS	TAN, TGL9
Observation Comment: up to 5x4 mm; multiple; TGL 9 affects all lobes			
[FOCUS TGLS = TGL9]			

ANIMAL ID: 90	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD655
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700090

LYMPH NODE	LUMBAR	ENLARGED	DARK, ONE, 1, TGL7
	RENAL, LEFT	ENLARGED	DARK, ONE, 1, TGL6
	THORACIC	ENLARGED	ONE, TAN, 1, TGL8

Observation Comment: 5x
[ENLARGED TGLS = 1, TGL7]
[ENLARGED TGLS = 1, TGL6]
[ENLARGED TGLS = 1, TGL8]

ANIMAL ID: 90	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD655
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700090

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
MAMMARY GLAND	NOSE	PANCREAS	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, MESENTERIC	PARATHYROID GLAND	THYMUS	

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
		HEPATOCELLULAR CARCINOMA	METASTATIC
[HEPATOCELLULAR CARCINOMA TGLS = TGL 5-15, Gross Finding = KIDNEY; LEFT; ENLARGED; DARK; TGL5]			
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-16, TGL 4-17			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL2-14, TGL4-17, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL2-14, TGL4-17, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL2-14, TGL4-17, TGL3-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL2-14, TGL4-17, TGL3-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL4]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
[HEPATOCELLULAR CARCINOMA TGLS = TGL 9-5, Gross Finding = LUNG; FOCUS; TAN; TGL9]			
LYMPH NODE	LUMBAR	HEPATOCELLULAR CARCINOMA	METASTATIC
	RENAL	HEPATOCELLULAR CARCINOMA	METASTATIC
Tissue Comment: TGL 6-15, TGL 7-14			
[HEPATOCELLULAR CARCINOMA TGLS = TGL7-14, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; DARK, ONE; 1, TGL7]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL6-15, Gross Finding = LYMPH NODE; RENAL, LEFT; ENLARGED; DARK, ONE; 1, TGL6]			
LYMPH NODE, MEDIASTINAL		HEPATOCELLULAR CARCINOMA	METASTATIC
[HEPATOCELLULAR CARCINOMA TGLS = TGL 8-18, Gross Finding = LYMPH NODE; THORACIC; ENLARGED; ONE, TAN; 1, TGL8]			

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

ANIMAL ID: 91	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD647
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700091

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	RIGHT	MASS	DARK, TGL1

Observation Comment: Anterior; 20x14x10 mm; Right posterior liver lobe is adhered to TGL 1.
[MASS TGLS = TGL1]

ANIMAL ID: 91	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD647
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700091

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYROID GLAND	TRACHEA	URINARY BLADDER	

No Section Present

THYMUS

OBSERVATIONS

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
HARDERIAN GLAND		HYPERPLASIA	MARKED
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; RIGHT; MASS; DARK; TGL1]			
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MODERATE

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 92	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700092

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

EPIDIDYMIS		ENLARGED	TGL4
Observation Comment: cauda; 3x; unilateral; found at trim			
[ENLARGED TGLS = TGL4]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	TAN, TGL2
	RIGHT	MASS	TAN, TGL3
Observation Comment: 19x15x9 mm			
Observation Comment: 13x12x6 mm			
Observation Comment: anterior; 11x8x6 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			

ANIMAL ID: 92	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700092

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	PANCREAS	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA

No Section Present

PARATHYROID GLAND

OBSERVATIONS

EPIDIDYMIS		INFLAMMATION	GRANULOMATOUS, MARKED
Tissue Comment: TGL 4-12			
[INFLAMMATION TGLS = TGL 4-12, Gross Finding = EPIDIDYMIS; ENLARGED; TGL4]			
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL
Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-15			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL3-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL3-15, Gross Finding = LIVER; RIGHT; MASS; TAN; TGL3]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 93	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD602
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700093

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

BONE	RIB	MASS	TAN, TGL4
Observation Comment: up to 5x5x3 mm; multiple; TGL 4 affects pleura; found at trim			
[MASS TGLS = TGL4]			
LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL2
Observation Comment: 25x25x15 mm			
[MASS TGLS = TGL2]			
LUNG		NODULE	TAN, TGL3
Observation Comment: up to 3x3x1 mm; multiple; TGL 3 affects all lobes			
[NODULE TGLS = TGL3]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
PREPUTIAL GLAND	LEFT	ENLARGED	MOTTLED, TGL1
Observation Comment: x2			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 93	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD602
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700093

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY 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

BONE	RIB	HEPATOCHOLANGIOCARCINOMA	METASTATIC
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL 4-14, Gross Finding = BONE; RIB; MASS; TAN; TGL4]			
HEART		HEPATOCHOLANGIOCARCINOMA	METASTATIC
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCHOLANGIOCARCINOMA	
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL 2-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]			
LUNG		HEPATOCHOLANGIOCARCINOMA	METASTATIC
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL 3-5, Gross Finding = LUNG; NODULE; TAN; TGL3]			
LYMPH NODE, BRONCHIAL		CARCINOMA	METASTATIC
		HEPATOCHOLANGIOCARCINOMA	METASTATIC
Observation Comment: alveolar/bronchiolar carcinoma = primary			
PREPUTIAL GLAND	DUCT	DILATION	MARKED
Tissue Comment: TGL 1-11			
[DILATION TGLS = TGL 1-11, Gross Finding = PREPUTIAL GLAND; LEFT; ENLARGED; MOTTLED; TGL1]			
CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOCHOLANGIOCARCINOMA		

ANIMAL ID: 94	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700094

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
Observation Comment: 21x21x12 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 94	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700094

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA		

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 95	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700095

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	RIGHT	ENLARGED	TGL3
Observation Comment: 3x; TGL 3 accounts for eye abnormality seen clinically			
[ENLARGED TGLS = TGL3]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	RIGHT	MASS	MOTTLED, TGL2
	LOBE, LEFT	NODULE	MOTTLED, TGL4
Observation Comment: 25x20x7 mm			
Observation Comment: anterior; 12x5x4 mm			
Observation Comment: 4x3x2 mm; found at trim			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL4]			
LYMPH NODE, MANDIBULAR		ENLARGED	TGL5
Observation Comment: 2x; found at trim			
[ENLARGED TGLS = TGL5]			

ANIMAL ID: 95	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700095

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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, 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

HARDERIAN GLAND	BILATERAL	ADENOMA	
[ADENOMA TGLS = TGL 3-10, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; TGL3]			
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 1-13, TGL 2-13, TGL 4-6			
Observation Comment: multiple			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; MOTTLED; TGL4]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-13, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-13, TGL1-13, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL2]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
Tissue Comment: TGL 5-11			
[HYPERPLASIA TGLS = TGL 5-11, Gross Finding = LYMPH NODE, MANDIBULAR; ENLARGED; TGL5]			

ANIMAL ID: 96	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700096

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	LEFT	MASS	TAN, TGL4
Observation Comment: 7x5x3 mm			
[MASS TGLS = TGL4]			
LIVER	RIGHT	MASS	TAN, TGL1
	LOBE, LEFT	NODULE	TAN, TWO, TGL2, 2
	LOBE, MEDIAN	NODULE	TAN, TGL3
	RIGHT	NODULE	TAN, TGL5
Observation Comment: anterior; 9x6x5 mm			
Observation Comment: 3x3x2 mm			
Observation Comment: 2x2x1 mm			
Observation Comment: posterior; 3x3x2 mm; found at trim			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL2, 2]			
[NODULE TGLS = TGL3]			
[NODULE TGLS = TGL5]			

ANIMAL ID: 96	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700096

HISTOPATH TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
Tissue Comment: TGL 4-10			
[ADENOMA TGLS = TGL 4-10, Gross Finding = HARDERIAN GLAND; LEFT; MASS; TAN; TGL4]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX			
Tissue Comment: epiglottis not present, remainder or larynx normal histology.			
LIVER		CLEAR CELL FOCUS	
		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 1-14, TGL 2-15, TGL 3-16, TGL 5-17			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-14, TGL2-15, TGL3-16, TGL5-17, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN, TWO; TGL2, 2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-14, TGL2-15, TGL3-16, TGL5-17, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-14, TGL2-15, TGL3-16, TGL5-17, Gross Finding = LIVER; RIGHT; MASS; TAN; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-14, TGL2-15, TGL3-16, TGL5-17, Gross Finding = LIVER; RIGHT; NODULE; TAN; TGL5]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MODERATE

ANIMAL ID: 97	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700097

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	RIGHT	MASS	TGL1
	CAUDATE LOBE	NODULE	TGL2
	LOBE, LEFT	NODULE	TAN, TWO, TGL4, 2
	LOBE, MEDIAN	NODULE	WHITE, TGL5, 1
	LOBE, MEDIAN	NODULE	TGL3

Observation Comment: posterior; 8x5x5 mm; TGL 1-5 = 6 largest masses/nodules listed, more present.
Observation Comment: 3x3x1 mm; TGL 1-5 = 6 largest masses/nodules listed, more present.
Observation Comment: 2x2x1 mm; TGL 1-5 = 6 largest masses/nodules listed, more present.
Observation Comment: 4x3x2 mm; found at trim; TGL 1-5 = 6 largest masses/nodules listed, more present.
Observation Comment: 3x3x1 mm; TGL 1-5 = 6 largest masses/nodules listed, more present.
[MASS TGLS = TGL1]
[NODULE TGLS = TGL2]
[NODULE TGLS = TGL4, 2]
[NODULE TGLS = TGL5, 1]
[NODULE TGLS = TGL3]

ANIMAL ID: 97	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700097

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE
		MIXED CELL FOCUS	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL
		NO CORRESPONDING LESION	

Tissue Comment: TGL 4-14, TGL 5-6, TGL 1-15, TGL 3-13, TGL 2-15

[HEPATOCELLULAR ADENOMA TGLS = TGL3-13, TGL1-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-13, TGL1-15, Gross Finding = LIVER; RIGHT; MASS; TGL1]

[MIXED CELL FOCUS TGLS = TGL4-14, TGL5-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN, TWO; TGL4, 2]

[MIXED CELL FOCUS TGLS = TGL4-14, TGL5-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; WHITE; TGL5, 1]

[NO CORRESPONDING LESION TGLS = TGL2-15, Gross Finding = LIVER; CAUDATE LOBE; NODULE; TGL2]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
PITUITARY GLAND	PARS DISTALIS	CYST	

ANIMAL ID: 98	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700098

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	TAN, TGL2
	LOBE, LEFT	NODULE	TAN, TGL1

Observation Comment: 4x3x2 mm
Observation Comment: 4x4x2 mm
[NODULE TGLS = TGL2]
[NODULE TGLS = TGL1]

ANIMAL ID: 98	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700098

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
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, MEDIASTINAL	MAMMARY GLAND

OBSERVATIONS

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 1-6, TGL 2-14

[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, TGL2-14, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL1]

[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, TGL2-14, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL2]

ANIMAL ID: 99	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700099

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL2
	RIGHT	MASS	MOTTLED, TGL1

Observation Comment: 18x10x7 mm
Observation Comment: anterior, 21x20x16 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]

ANIMAL ID: 99	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700099

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	

OBSERVATIONS

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
HARDERIAN GLAND		HYPERPLASIA	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	INFLAMMATION	SUPPURATIVE, MODERATE
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL2-6, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL1]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
TESTIS	SEMINIFEROUS TUBULE	DILATION	MINIMAL
URINARY BLADDER		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

ANIMAL ID: 100	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD626
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700100

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM	ENLARGED	TGL2
Observation Comment: lymphoid tissue; 2x; found at trim		
[ENLARGED TGLS = TGL2]		
LYMPH NODE, MANDIBULAR	ENLARGED	TGL4
Observation Comment: 3x; found at trim		
[ENLARGED TGLS = TGL4]		
LYMPH NODE, MESENTERIC	ENLARGED	TGL3
Observation Comment: 3x; found at trim		
[ENLARGED TGLS = TGL3]		
SPLEEN	ENLARGED	MOTTLED, TGL1
Observation Comment: 43x15x5 mm		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 100	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD626
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700100

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	GALLBLADDER	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, JEJUNUM	LARYNX	MAMMARY GLAND	PANCREAS
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYROID GLAND	TRACHEA	URINARY BLADDER	

No Section Present

PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	HISTIOCYTIC SARCOMA	
Observation Comment: multicentric		
EPIDIDYMIS	HISTIOCYTIC SARCOMA	
HEART	CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, ILEUM	HISTIOCYTIC SARCOMA	
Observation Comment: multicentric		
[HISTIOCYTIC SARCOMA TGLS = TGL 2-8, Gross Finding = INTESTINE, SMALL, JEJUNUM; ENLARGED; TGL2]		
KIDNEY	HISTIOCYTIC SARCOMA	
Observation Comment: multicentric		
LIVER	HISTIOCYTIC SARCOMA	
Observation Comment: multicentric		
LUNG	HISTIOCYTIC SARCOMA	
Observation Comment: multicentric		
LYMPH NODE, BRONCHIAL	HISTIOCYTIC SARCOMA	
Observation Comment: multicentric		
LYMPH NODE, MANDIBULAR	HISTIOCYTIC SARCOMA	
Observation Comment: multicentric		
[HISTIOCYTIC SARCOMA TGLS = TGL 4-11, Gross Finding = LYMPH NODE, MANDIBULAR; ENLARGED; TGL4]		
LYMPH NODE, MEDIASTINAL	HISTIOCYTIC SARCOMA	
Observation Comment: multicentric		
LYMPH NODE, MESENTERIC	HISTIOCYTIC SARCOMA	
Observation Comment: multicentric		

ANIMAL ID: 100	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD626
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700100

[HISTIOCYTIC SARCOMA TGLS = TGL 3-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TGL3]

NOSE		HISTIOCYTIC SARCOMA	
	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PITUITARY GLAND		HISTIOCYTIC SARCOMA	
Observation Comment: multicentric			
SPLEEN		HISTIOCYTIC SARCOMA	
Observation Comment: multicentric			

[HISTIOCYTIC SARCOMA TGLS = TGL 1-13, Gross Finding = SPLEEN; ENLARGED; MOTTLED; TGL1]

THYMUS		HISTIOCYTIC SARCOMA	
Observation Comment: multicentric			

CONTRIBUTORY CAUSE OF DEATH - SPLEEN; HISTIOCYTIC SARCOMA

ANIMAL ID: 101	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700101

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	FOCUS	TAN, TGL2
	LOBE, MEDIAN	NODULE	TAN, TGL1
Observation Comment: 2 X 2 mm			
Observation Comment: 3 X 2 X 2 mm			
[FOCUS TGLS = TGL2]			
[NODULE TGLS = TGL1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
Tissue Comment: Damaged tail present but not pathologically significant			

ANIMAL ID: 101	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700101

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

MAMMARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		CLEAR CELL FOCUS	
		HEPATOCELLULAR ADENOMA	MULTIPLE

Tissue Comment: TGL 1-6, TGL 2-6

[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, TGL2-6, Gross Finding = LIVER; LOBE, LEFT; FOCUS; TAN; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL1]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	
PREPUTIAL GLAND		HYPERKERATOSIS	MILD
		INFLAMMATION	SUPPURATIVE, MILD

Animal Note: Damaged tail present but not pathologically significant

ANIMAL ID: 102	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700102

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	RIGHT	ENLARGED	TAN, TGL5
Observation Comment: 1.5 X			
[ENLARGED TGLS = TGL5]			
LIVER	LOBE, MEDIAN	FOCUS	TAN, TGL4
	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	MOTTLED, TGL2
	LOBE, LEFT	NODULE	ONE, TAN, 1, TGL6
	LOBE, LEFT	NODULE	TAN, TWO, TGL3, 2

Tissue Comment: Five largest liver nodules/masses are listed, more are present
Observation Comment: 3 X 2 mm
Observation Comment: 17 X 10 X 7 mm
Observation Comment: 19 X 19 X 7 mm
Observation Comment: 3 X 2 X1 mm
Observation Comment: 4 X 3 X 2 mm
[FOCUS TGLS = TGL4]
[MASS TGLS = TGL1]
[MASS TGLS = TGL2]
[NODULE TGLS = 1, TGL6]

ANIMAL ID: 102	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700102

[NODULE TGLS = TGL3, 2]

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
		HYPERPLASIA	MODERATE

[ADENOMA TGLS = TGL 5-10, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; TAN; TGL5]

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-13, TGL 4-16, TGL 6-15

[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, TGL3-13, TGL2-14, TGL1-13, TGL6-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]
[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, TGL3-13, TGL2-14, TGL1-13, TGL6-15, Gross Finding = LIVER; LOBE, LEFT; NODULE; ONE, TAN; 1, TGL6]
[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, TGL3-13, TGL2-14, TGL1-13, TGL6-15, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN, TWO; TGL3, 2]
[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, TGL3-13, TGL2-14, TGL1-13, TGL6-15, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; TAN; TGL4]
[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, TGL3-13, TGL2-14, TGL1-13, TGL6-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MODERATE
SEMINAL VESICLE	EPITHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 103	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700103

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER		FOCUS	TAN, TGL6
	LOBE, LEFT	NODULE	TGL4
	LOBE, MEDIAN	NODULE	TAN, TGL5
	LOBE, MEDIAN	NODULE	TAN, TGL8
	RIGHT	NODULE	TGL7

Observation Comment: multiple, up to 1x1 mm, TGL6 affects all lobes
Observation Comment: 5x5x4mm
Observation Comment: 4x3x1mm
Observation Comment: 4x4x1mm, found at trim
Observation Comment: anterior, 3x3x3mm
[FOCUS TGLS = TGL6]
[NODULE TGLS = TGL4]
[NODULE TGLS = TGL5]
[NODULE TGLS = TGL8]
[NODULE TGLS = TGL7]

LUNG	LOBE, LEFT	NODULE	TGL3

Observation Comment: 4x3x2mm tan
[NODULE TGLS = TGL3]

ANIMAL ID: 103	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700103

NO CORRELATE	TO OBSERVATION / MASS	
PENIS	PROLAPSE	TGL2
[PROLAPSE TGLS = TGL2]		
SKIN	CRUST	TGL1

Observation Comment: perineum; 15x10mm, TGL1 consists of ulceration of the prepuce and skin overlying the left preputial gland

[CRUST TGLS = TGL1]

ANIMAL ID: 103	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700103

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

EPIDIDYMIS		HISTIOCYTIC SARCOMA	
HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		BASOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	
		HISTIOCYTIC SARCOMA	
		MULTINUCLEATED HEPATOCYTE	MODERATE
Tissue Comment: TGL 4-6, TGL 5-6, TGL 6-15, TGL 7-15, TGL 8-16			
[BASOPHILIC FOCUS TGLS = TGL8-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL8]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TGL4]			
[HISTIOCYTIC SARCOMA TGLS = TGL5-6, TGL6-15, TGL7-15, Gross Finding = LIVER; FOCUS; TAN; TGL6]			
[HISTIOCYTIC SARCOMA TGLS = TGL5-6, TGL6-15, TGL7-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL5]			
[HISTIOCYTIC SARCOMA TGLS = TGL5-6, TGL6-15, TGL7-15, Gross Finding = LIVER; RIGHT; NODULE; TGL7]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 3-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; TGL3]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MODERATE
SKIN		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
	PENIS	ULCER	MARKED
		ULCER	MARKED

ANIMAL ID: 103	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700103

[INFLAMMATION TGLS = TGL 1-13, Gross Finding = SKIN; CRUST; TGL1]
[ULCER TGLS = TGL 2-14, Gross Finding = PENIS; PROLAPSE; TGL2]
[ULCER TGLS = TGL 1-13, Gross Finding = SKIN; CRUST; TGL1]

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LIVER; HISTIOCYTIC SARCOMA

ANIMAL ID: 104	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700104

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

ANIMAL ID: 104	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700104

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	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		

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
		HYPERPLASIA	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 105	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700105

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

HARDERIAN GLAND	RIGHT	NODULE	WHITE, TGL5, 1
Observation Comment: 3 X 3 X 2 mm			
[NODULE TGLS = TGL5, 1]			
KIDNEY	LEFT	DEFORMITY	TGL1
	RIGHT	DEFORMITY	TGL2
Observation Comment: granular			
[DEFORMITY TGLS = TGL1]			
[DEFORMITY TGLS = TGL2]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL3
	LOBE, MEDIAN	MASS	MOTTLED, TGL4
Observation Comment: 30 X 21 X 10 mm			
Observation Comment: 6 X 5 X 2 mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL4]			
LYMPH NODE, MESENTERIC		ENLARGED	DARK, TGL6
Observation Comment: 3X			
[ENLARGED TGLS = TGL6]			

ANIMAL ID: 105	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700105

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	GALLBLADDER	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	PANCREAS	PARATHYROID GLAND	PREPUTIAL GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA

No Section Present

ADRENAL GLAND	PITUITARY GLAND

OBSERVATIONS

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
		INFLAMMATION	GRANULOMATOUS, MILD
HARDERIAN GLAND	BILATERAL	HYPERPLASIA	MARKED
[HYPERPLASIA TGLS = TGL 5-10, Gross Finding = HARDERIAN GLAND; RIGHT; NODULE; WHITE; TGL5, 1]			
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
	PELVIS	INFLAMMATION	SUPPURATIVE, MARKED
Tissue Comment: TGL 1-7, TGL 2-7			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-7, TGL1-7, Gross Finding = KIDNEY; LEFT; DEFORMITY; TGL1]			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL2-7, TGL1-7, Gross Finding = KIDNEY; RIGHT; DEFORMITY; TGL2]			
LIVER		EOSINOPHILIC FOCUS	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
Tissue Comment: TGL 3-13, TGL 4-6			
[EOSINOPHILIC FOCUS TGLS = TGL4-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL4]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL3]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
LYMPH NODE, MEDIASTINAL		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
LYMPH NODE, MESENTERIC		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
[INFILTRATION CELLULAR TGLS = TGL 6-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; DARK; TGL6]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 105	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700105

PROSTATE		INFLAMMATION	SUPPURATIVE, MARKED
SEMINAL VESICLE		INFLAMMATION	SUPPURATIVE, MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
URINARY BLADDER		INFLAMMATION	CHRONIC-ACTIVE, MARKED

ANIMAL ID: 106	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700106

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	FOCUS	WHITE, TGL3, 1
	LOBE, MEDIAN	FOCUS	TAN, TGL5
	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	LOBE, LEFT	NODULE	TAN, TGL2
	LOBE, MEDIAN	NODULE	TAN, TGL6

Observation Comment: 2 X 2 mm
Observation Comment: multiple, up to 2 X 2 mm. Found at trim.
Observation Comment: 21 X 19 X 11 mm
Observation Comment: 3 X 2 X 1 mm
Observation Comment: 4 X 3 X 2mm. Found at trim.
[FOCUS TGLS = TGL3, 1]
[FOCUS TGLS = TGL5]
[MASS TGLS = TGL1]
[NODULE TGLS = TGL2]
[NODULE TGLS = TGL6]

LUNG	LOBE, MIDDLE, RIGHT	FOCUS	WHITE, TGL4, 1

Observation Comment: 2 X 2 mm
[FOCUS TGLS = TGL4, 1]

ANIMAL ID: 106	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700106

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

LYMPH NODE, MEDIASTINAL	THYMUS

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		NECROSIS	MILD

Tissue Comment: TGL 1-13, TGL 2-13, TGL 3-14, TGL 5-6, TGL 6-15

[HEPATOCELLULAR ADENOMA TGLS = TGL3-14, TGL2-13, TGL1-13, TGL6-15, Gross Finding = LIVER; LOBE, LEFT; FOCUS; WHITE; TGL3, 1]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-14, TGL2-13, TGL1-13, TGL6-15, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-14, TGL2-13, TGL1-13, TGL6-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-14, TGL2-13, TGL1-13, TGL6-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL6]

[NECROSIS TGLS = TGL5-6, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; TAN; TGL5]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 4-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; FOCUS; WHITE; TGL4, 1]

TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD

ANIMAL ID: 107	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD529
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700107

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

ABDOMEN		FLUID	RED, TGL1
Tissue Comment: No Section taken			
Observation Comment: 5 mL			
[FLUID TGLS = TGL1]			
EPIDIDYMIS	LEFT	ENLARGED	MOTTLED, TGL2
Observation Comment: 4X			
[ENLARGED TGLS = TGL2]			
LIVER		ENLARGED	MOTTLED, TGL4
	LOBE, LEFT	MASS	MOTTLED, TGL3
Observation Comment: 2X			
Observation Comment: 19 X 14 X 11 mm			
[ENLARGED TGLS = TGL4]			
[MASS TGLS = TGL3]			

ANIMAL ID: 107	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD529
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700107

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

CAVITY		NO CORRESPONDING LESION	
Tissue Comment: TGL 1-NoSlide			
[NO CORRESPONDING LESION TGLS = TGL 1-NOSLIDE, Gross Finding = ABDOMEN; FLUID; RED; TGL1]			
EPIDIDYMIS		HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 2-12, Gross Finding = EPIDIDYMIS; LEFT; ENLARGED; MOTTLED; TGL2]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY	PAPILLA	MINERAL	MILD
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
		HISTIOCYTIC SARCOMA	
Tissue Comment: TGL 3-13, TGL 4-6			
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-13, TGL4-6, Gross Finding = LIVER; ENLARGED; MOTTLED; TGL4]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-13, TGL4-6, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL3]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
LYMPH NODE, MESENTERIC		HISTIOCYTIC SARCOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MILD
	GERMINAL EPITHELIUM	DEGENERATION	MILD
CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE		

ANIMAL ID: 108	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700108

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LUNG	RIGHT LOBE, CRANIAL	MASS	WHITE, TGL1, 1
Observation Comment: 13 X 8 X 6 mm			
[MASS TGLS = TGL1, 1]			

ANIMAL ID: 108	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700108

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	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	THYMUS
THYROID GLAND	TRACHEA		

No Section Present

LYMPH NODE, MESENTERIC

OBSERVATIONS

ADRENAL GLAND	CORTEX, SUBCAPSULAR	HYPERPLASIA	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		MIXED CELL FOCUS	
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LUNG; RIGHT LOBE, CRANIAL; MASS; WHITE; TGL1, 1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 109	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700109

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	MASS	MOTTLED, TGL1

Observation Comment: 40x25x12 mm; TGL 1 incorporated entire liver; lobe of origin could not be determined. TGL 1 accounted for abdominal mass clinical observation.

[MASS TGLS = TGL1]

NO CORRELATING LESION	TO OBSERVATION / MASS

ANIMAL ID: 109	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700109

HISTOPATH TISSUE STATUS

Within Normal Limits

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

Autolysis Precludes Examination

SPLEEN	URINARY BLADDER	

No Section Present

LYMPH NODE, MEDIASTINAL	PITUITARY GLAND	THYMUS

OBSERVATIONS

LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; MASS; MOTTLED; TGL1]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 110	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700110

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL2
	LOBE, LEFT	NODULE	TAN, TGL3
Observation Comment: 6 X 4 X 2 mm			
Observation Comment: 2 X 2 X 1 mm			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL3]			
LUNG	RIGHT LOBE	MASS	WHITE, TGL1, 1
Observation Comment: Caudal, 6 X 5 X 3 mm			
[MASS TGLS = TGL1, 1]			

ANIMAL ID: 110	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700110

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

MAMMARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 2-13, TGL 3-13			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-13, TGL3-13, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-13, TGL3-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 1-5, Gross Finding = LUNG; RIGHT LOBE; MASS; WHITE; TGL1, 1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 111	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700111

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	TAN, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL1
Observation Comment: 7 X 7 X 3 mm			
Observation Comment: 7 X 6 X 3 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
LUNG	LOBE, LEFT	NODULE	WHITE, TGL3, 1
	RIGHT LOBE	NODULE	WHITE, TGL4, 1
Observation Comment: 5 X 4 X 3 mm			
Observation Comment: caudal; 3 X 3 X 2 mm			
[NODULE TGLS = TGL3, 1]			
[NODULE TGLS = TGL4, 1]			

ANIMAL ID: 111	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700111

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
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
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERPLASIA	FOCAL, MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
HARDERIAN GLAND		HYPERPLASIA	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE

Tissue Comment: TGL 1-13, TGL 2-14

[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL

Tissue Comment: TGL 3-5, TGL 4-5

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL4-5, TGL3-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL3, 1]

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL4-5, TGL3-5, Gross Finding = LUNG; RIGHT LOBE; NODULE; WHITE; TGL4, 1]

ANIMAL ID: 112	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700112

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	TAN, TGL2
	LOBE, MEDIAN	NODULE	TAN, TGL1

Observation Comment: 3 X 3 X 2 mm
Observation Comment: 2 X 2 X 2 mm
[NODULE TGLS = TGL2]
[NODULE TGLS = TGL1]

ANIMAL ID: 112	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700112

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	GALLBLADDER	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, 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	TESTIS
THYMUS	THYROID GLAND	TRACHEA	

No Section Present

MAMMARY GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX, BILATERAL	HYPERTROPHY	FOCAL, MINIMAL
EYE	LENS	CATARACT	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		FATTY CHANGE	DIFFUSE, MINIMAL
		NO CORRESPONDING LESION	

Tissue Comment: TGL 1-6, TGL 2-6

[NO CORRESPONDING LESION TGLS = TGL2-6, TGL1-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL2]

[NO CORRESPONDING LESION TGLS = TGL2-6, TGL1-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 113	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700113

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER		MASS	RED, TGL1
Observation Comment: Right anterior lobe; 22 X 15 X 10 mm			
[MASS TGLS = TGL1]			
LUNG	LOBE, LEFT	FOCUS	WHITE, TGL3, 1
Observation Comment: 3 X 3 mm			
[FOCUS TGLS = TGL3, 1]			
SKIN	DORSAL	CRUST	RED, TGL2
Observation Comment: ulcerated; 17 X 10 X 9 mm			
[CRUST TGLS = TGL2]			

ANIMAL ID: 113	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700113

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, MESENTERIC	MAMMARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; MASS; RED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
		HEPATOCELLULAR CARCINOMA	METASTATIC
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 3-5, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL3, 1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	MINIMAL
SKIN		FIBROSIS	MODERATE
		INFLAMMATION	SUPPURATIVE, MODERATE
		ULCER	MARKED
[ULCER TGLS = TGL 2-14, Gross Finding = SKIN; DORSAL; CRUST; RED; TGL2]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL

ANIMAL ID: 114	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD194
	SELECTION: Core Animals		**DISP:** Accidental Death	**HISTO:** 1700114

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	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, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

BONE	CERVICAL, VERTEBRA	FRACTURE	RED, TGL3
Observation Comment: TGL 3 and 6 involve transection of the spinal column at C7-T1 junction with transection of the trachea and esophagus			
[FRACTURE TGLS = TGL3]			
ESOPHAGUS		LACERATION	TGL5
[LACERATION TGLS = TGL5]			
SKIN	LEFT, THORACIC	LACERATION	RED, TGL1
Observation Comment: 10 mm long			
[LACERATION TGLS = TGL1]			
SPINAL CORD, CERVICAL		LACERATION	RED, TGL6
Observation Comment: TGL 3 and 6 involve transection of the spinal column at C7-T1 junction with transection of the trachea and esophagus			
[LACERATION TGLS = TGL6]			
THORAX		ACCUMULUATION	RED, TGL2
Observation Comment: Cavities; 1mL			
[ACCUMULUATION TGLS = TGL2]			
TRACHEA		LACERATION	TGL4
[LACERATION TGLS = TGL4]			

ANIMAL ID: 114	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD194
	SELECTION: Core Animals		**DISP:** Accidental Death	**HISTO:** 1700114

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LIVER	LUNG	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	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND

Insufficient Tissue

LARYNX

No Section Present

MAMMARY GLAND

OBSERVATIONS

BONE		NO CORRESPONDING LESION	
Tissue Comment: TGL3-NoSlide			
Observation Comment: No section taken			
[NO CORRESPONDING LESION TGLS = TGL3-NOSLIDE, Gross Finding = BONE; CERVICAL, VERTEBRA; FRACTURE; RED; TGL3]			
CAVITY	THORACIC	NO CORRESPONDING LESION	
Tissue Comment: TGL 2-NoSlide			
[NO CORRESPONDING LESION TGLS = TGL 2-NOSLIDE, Gross Finding = THORAX; ACCUMULUATION; RED; TGL2]			
ESOPHAGUS		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 5-7, Gross Finding = ESOPHAGUS; LACERATION; TGL5]			
HEART		CARDIOMYOPATHY	MINIMAL
SKIN		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-13, Gross Finding = SKIN; LEFT, THORACIC; LACERATION; RED; TGL1]			
SPINAL CORD		NO CORRESPONDING LESION	
Tissue Comment: TGL6-NoSlide			
Observation Comment: No section taken			
[NO CORRESPONDING LESION TGLS = TGL6-NOSLIDE, Gross Finding = SPINAL CORD, CERVICAL; LACERATION; RED; TGL6]			
TRACHEA		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 4-7, Gross Finding = TRACHEA; LACERATION; TGL4]			

ANIMAL ID: 114	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD194
	SELECTION: Core Animals		**DISP:** Accidental Death	**HISTO:** 1700114

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD

ANIMAL ID: 115	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700115

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HEART	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, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

HARDERIAN GLAND	RIGHT	ENLARGED	TGL1

Observation Comment: 5X

[ENLARGED TGLS = TGL1]

ANIMAL ID: 115	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700115

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX
LUNG	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

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

ADRENAL GLAND	BILATERAL, CORTEX, SUBCAPSULAR	HYPERPLASIA	MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MILD
HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 1-10, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; TGL1]			
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		INFLAMMATION	FOCAL, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MODERATE
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 116	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD624
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700116

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS

ANIMAL ID: 116	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD624
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700116

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SPLEEN	STOMACH, GLANDULAR	THYMUS	TRACHEA
URINARY BLADDER			

No Section Present

LYMPH NODE, MEDIASTINAL	MAMMARY GLAND

OBSERVATIONS

EPIDIDYMIS		INFLAMMATION	ACUTE, MINIMAL
EYE			
Tissue Comment: fungal mycelia on surface of cornea; no inflammatory or other response.			
HEART		CARDIOMYOPATHY	MILD
LIVER		MULTINUCLEATED HEPATOCYTE	MILD
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MODERATE
SKIN		INFLAMMATION	SUPPURATIVE, MARKED
		ULCER	MODERATE
STOMACH, FORESTOMACH		PAPILLOMA	
TESTIS	SEMINIFEROUS TUBULE	DILATION	MINIMAL
THYROID GLAND	FOLLICULAR CELL	ADENOMA	

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- SKIN; INFLAMMATION; SUPPURATIVE

ANIMAL ID: 117	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700117

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	GREEN, TGL1
	LOBE, MEDIAN	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	NODULE	WHITE, TGL3, 1

Observation Comment: 15 X 11 X 7 mm
Observation Comment: 17 X 12 X 8 mm
Observation Comment: 3 X 3 X 2mm
[MASS TGLS = TGL1]
[MASS TGLS = TGL2]
[NODULE TGLS = TGL3, 1]

ANIMAL ID: 117	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700117

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	PARATHYROID GLAND	PITUITARY GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

No Section Present

MAMMARY GLAND

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCHOLANGIOCARCINOMA	

Tissue Comment: TGL 1-13, TGL 2-6, TGL 3-6

[HEPATOCELLULAR ADENOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; GREEN; TGL1]

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL2-6, TGL3-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL2-6, TGL3-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; WHITE; TGL3, 1]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
PANCREAS	DUCT	INFLAMMATION	CHRONIC-ACTIVE, MILD
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MINIMAL

ANIMAL ID: 118	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700118

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM		NODULE	FIVE, WHITE, TGL3, 2
Observation Comment: up to 3 X 3 X 2 mm			
[NODULE TGLS = TGL3, 2]			
LIVER	CAUDATE LOBE	NODULE	TAN, TGL1
Observation Comment: 5 X 5 X 3 mm			
[NODULE TGLS = TGL1]			
LYMPH NODE	RENAL, BILATERAL	ENLARGED	TAN, TWO, TGL2, 2
Observation Comment: 5X			
[ENLARGED TGLS = TGL2, 2]			

ANIMAL ID: 118	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700118

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

MAMMARY GLAND

OBSERVATIONS

EPIDIDYMIS	DUCT	ATROPHY	MODERATE
		HYPOSPERMIA	MARKED
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 3-16, Gross Finding = INTESTINE, SMALL, JEJUNUM; NODULE; FIVE, WHITE; TGL3, 2]			
LIVER		HEPATOCELLULAR ADENOMA	
		LYMPHOMA	MALIGNANT
		MULTINUCLEATED HEPATOCYTE	MINIMAL
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-14, Gross Finding = LIVER; CAUDATE LOBE; NODULE; TAN; TGL1]			
LYMPH NODE	RENAL	LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-15, Gross Finding = LYMPH NODE; RENAL, BILATERAL; ENLARGED; TAN, TWO; TGL2, 2]			
LYMPH NODE, BRONCHIAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MILD
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD

ANIMAL ID: 119	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700119

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL3
	LOBE, LEFT	NODULE	TAN, TGL5
	LOBE, LEFT	NODULE	WHITE, TGL4, 1
Observation Comment: 38 X 22 X 19mm			
Observation Comment: 2 X 2 X 2 mm			
Observation Comment: 4 X 4 X 3 mm			
[MASS TGLS = TGL3]			
[NODULE TGLS = TGL5]			
[NODULE TGLS = TGL4, 1]			
LYMPH NODE, MESENTERIC		ENLARGED	DARK, TGL2
Observation Comment: 5X			
[ENLARGED TGLS = TGL2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
Observation Comment: Prolapse urogenital present but not pathologically significant			
SPLEEN		ENLARGED	TGL1
Observation Comment: 25 X 8 X 6 mm			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 119	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700119

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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
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

MAMMARY GLAND

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 3-6, TGL 3-15, TGL 4-16, TGL 5-16			
[HEPATOCELLULAR CARCINOMA TGLS = TGL5-16, TGL3-6, TGL4-16, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL5]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL5-16, TGL3-6, TGL4-16, Gross Finding = LIVER; LOBE, LEFT; NODULE; WHITE; TGL4, 1]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL5-16, TGL3-6, TGL4-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
LYMPH NODE, MESENTERIC		ERYTHROPHAGOCYTOSIS	MARKED
Tissue Comment: TGL 2-8, TGL 2-13			
[ERYTHROPHAGOCYTOSIS TGLS = TGL2-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; DARK; TGL2]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 1-14, Gross Finding = SPLEEN; ENLARGED; TGL1]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	SEMINIFEROUS TUBULE, BILATERAL	DILATION	MINIMAL

Animal Note: Prolapse urogenital present but not pathologically significant

ANIMAL ID: 120	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD667
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700120

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
SKIN	RIGHT, HINDLIMB	LACERATION	RED, TGL1

Observation Comment: 30 mm long; TGL 1 extends from right inner thigh across ventral abdomen to expose left preputial gland.

[LACERATION TGLS = TGL1]

ANIMAL ID: 120	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD667
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700120

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, MEDIASTINAL	PARATHYROID GLAND	THYMUS	

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
LIVER		BASOPHILIC FOCUS	
NOSE	RESPIRATORY EPITHELIUM, GLAND	DILATION	MINIMAL
	RESPIRATORY EPITHELIUM	HYPERPLASIA	MILD
	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
SKIN		ULCER	MARKED

[ULCER TGLS = TGL 1-13, Gross Finding = SKIN; RIGHT, HINDLIMB; LACERATION; RED; TGL1]

CONTRIBUTORY CAUSE OF DEATH - SKIN; ULCER

ANIMAL ID: 121	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700121

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	ONE, RED, 1, TGL1
	LOBE, MEDIAN	MASS	TAN, TGL3
		MASS	TAN, TGL4
	LOBE, MEDIAN	NODULE	ONE, TAN, 1, TGL2

Observation Comment: 20 X 20 X 10 mm
Observation Comment: 7 X 7 X 3 mm
Observation Comment: Right anterior lobe; 17 X 10 X 2 mm
Observation Comment: 5 X 3 X 3 mm
[MASS TGLS = 1, TGL1]
[MASS TGLS = TGL3]
[MASS TGLS = TGL4]
[NODULE TGLS = 1, TGL2]

ANIMAL ID: 121	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700121

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, MESENTERIC

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 1-13, TGL 2-6, TGL 3-6, TGL 4-13

[HEPATOCELLULAR ADENOMA TGLS = TGL4-13, TGL3-6, TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL4-13, TGL3-6, TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; ONE, TAN; 1, TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL4-13, TGL3-6, TGL2-6, Gross Finding = LIVER; MASS; TAN; TGL4]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; ONE, RED; 1, TGL1]

LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MINIMAL
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 122	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700122

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	WHITE, TGL3, 1
Observation Comment: 8 X 4 X 2 mm			
[MASS TGLS = TGL3, 1]			
LUNG	LOBE, LEFT	MASS	TAN, TGL1
		NODULE	WHITE, TGL2, 1
Observation Comment: 12 X 12 X 9 mm			
Observation Comment: Right Caudal lobe; 2 X 2 X 1 mm			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL2, 1]			
NOSE			
Tissue Comment: Nasals did not flush			
STOMACH, FORESTOMACH		NODULE	WHITE, TGL4, 1
Observation Comment: multiple; up to 1 X 1 X 1 mm			
[NODULE TGLS = TGL4, 1]			

ANIMAL ID: 122	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700122

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, GLANDULAR	TESTIS	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

MAMMARY GLAND	THYMUS

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MARKED
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		TENSION LIPIDOSIS	MINIMAL
[HEPATOCELLULAR ADENOMA TGLS = TGL 3-6, Gross Finding = LIVER; LOBE, LEFT; MASS; WHITE; TGL3, 1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MODERATE
Tissue Comment: TGL 1-13, TGL 2-5			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL2-5, TGL1-13, Gross Finding = LUNG; LOBE, LEFT; MASS; TAN; TGL1]			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL2-5, TGL1-13, Gross Finding = LUNG; NODULE; WHITE; TGL2, 1]			
NOSE	STENO'S GLAND	ATROPHY	MINIMAL
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE
		PAPILLOMA	
[HYPERPLASIA TGLS = TGL 4-8, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL4, 1]			
[PAPILLOMA TGLS = TGL 4-8, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL4, 1]			

ANIMAL ID: 123	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700123

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL1

Observation Comment: 6 X 6 X 5 mm
Observation Comment: 7 X 6 X 3 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]

ANIMAL ID: 123	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700123

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
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	THYROID GLAND	TRACHEA	

No Section Present

ADRENAL GLAND

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		MULTINUCLEATED HEPATOCYTE	MINIMAL
		NO CORRESPONDING LESION	
		TENSION LIPIDOSIS	MINIMAL

Tissue Comment: TGL 1-6, TGL 2-13

[HEPATOCELLULAR ADENOMA TGLS = TGL2-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]

[NO CORRESPONDING LESION TGLS = TGL1-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD

Observation Comment: multiple

LYMPH NODE, MANDIBULAR		PIGMENT	
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD

ANIMAL ID: 124	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD638
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700124

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
GALLBLADDER	HARDERIAN GLAND	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

EYE	LEFT	DISCOLORATION	OPAQUE, TGL1
[DISCOLORATION TGLS = TGL1]			
LIVER	LOBE, MEDIAN	MASS	TAN, TGL2
Observation Comment: 9x6x1 mm; found at trim			
[MASS TGLS = TGL2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
THYROID GLAND	LEFT	ENLARGED	DARK, TGL3
Observation Comment: 3x; found at trim			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 124	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD638
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700124

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, GLANDULAR
TESTIS	THYMUS	TRACHEA	

OBSERVATIONS

EYE	CORNEA	HYPERPLASIA	SQUAMOUS, MINIMAL
[HYPERPLASIA TGLS = TGL 1-10, Gross Finding = EYE; LEFT; DISCOLORATION; OPAQUE; TGL1]			
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL 2-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL2]			
NOSE	STENO'S GLAND	ATROPHY	MILD
	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MODERATE
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	DIFFUSE, MINIMAL
THYROID GLAND	FOLLICULAR CELL	ADENOMA	
[ADENOMA TGLS = TGL 3-7, Gross Finding = THYROID GLAND; LEFT; ENLARGED; DARK; TGL3]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

PRIMARY CAUSE OF DEATH - UNDETERMINED

ANIMAL ID: 125	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700125

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

BONE		MASS	TGL6
Observation Comment: Tail; 5 X 4 X 2 mm			
[MASS TGLS = TGL6]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	TAN, TGL8
		MASS	MOTTLED, TGL1
		MASS	TAN, TGL3
	LOBE, LEFT	NODULE	TAN, TGL4
Tissue Comment: Largest 5 masses or nodules listed, more present			
Observation Comment: 8 X 7 X 5 mm			
Observation Comment: 12 X 8 X 5 mm			
Observation Comment: Caudate lobe; 18 X 10 X 6 mm			
Observation Comment: Caudate lobe; 7 X 5 X 4 mm			
Observation Comment: 2 X 2 X 1 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL8]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL3]			

ANIMAL ID: 125	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700125

[NODULE TGLS = TGL4]			
LYMPH NODE	AXILLARY, RIGHT	ENLARGED	TAN, TGL7
Observation Comment: 10 X			
[ENLARGED TGLS = TGL7]			
MESENTERY		NODULE	YELLOW, TGL5, 1
Observation Comment: Fat; 10 X 9 X 4 mm			
[NODULE TGLS = TGL5, 1]			

ANIMAL ID: 125	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700125

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	PITUITARY GLAND
THYMUS			

OBSERVATIONS

ADIPOSE TISSUE		LIPOMA	
[LIPOMA TGLS = TGL 7-17, Gross Finding = LYMPH NODE; AXILLARY, RIGHT; ENLARGED; TAN; TGL7]			
BONE		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 6-14, Gross Finding = BONE; MASS; TGL6]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	MULTIPLE
		HEPATOCELLULAR ADENOMA	MULTIPLE
		MIXED CELL FOCUS	
		NO CORRESPONDING LESION	
Tissue Comment: TGL 1-13, TGL 2-6, TGL 3-18, TGL 4-15, TGL 8-18			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-18, TGL4-15, TGL2-6, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-18, TGL4-15, TGL2-6, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL4]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-18, TGL4-15, TGL2-6, TGL1-13, Gross Finding = LIVER; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-18, TGL4-15, TGL2-6, TGL1-13, Gross Finding = LIVER; MASS; TAN; TGL3]			
[NO CORRESPONDING LESION TGLS = TGL8-18, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL8]			
MESENTERY	ADIPOSE TISSUE	NECROSIS	MARKED
[NECROSIS TGLS = TGL 5-16, Gross Finding = MESENTERY; NODULE; YELLOW; TGL5, 1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MILD

ANIMAL ID: 125	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700125

	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
PANCREATIC ISLET		HYPERPLASIA	MARKED
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

Animal Note: Damaged tail present but not pathologically significant

ANIMAL ID: 126	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700126

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	LEFT	ENLARGED	TAN, TGL5
Observation Comment: 3X			
[ENLARGED TGLS = TGL5]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL3
	LOBE, MEDIAN	NODULE	TAN, TGL4
Observation Comment: 15 X 8 X 5 mm			
Observation Comment: 10 X 7 X 7 mm			
Observation Comment: 15 X 10 X 8 mm			
Observation Comment: 3 X 2 X 2 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
[NODULE TGLS = TGL4]			

ANIMAL ID: 126	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700126

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 5-10, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; TAN; TGL5]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEMANGIOSARCOMA	
		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 1-13, TGL 2-13, TGL 3-14, TGL 4-15			
[HEMANGIOSARCOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-14, TGL4-15, TGL2-13, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-14, TGL4-15, TGL2-13, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-14, TGL4-15, TGL2-13, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-14, TGL4-15, TGL2-13, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL4]			
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL

ANIMAL ID: 127	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700127

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	LEFT	NODULE	TAN, TGL3
	RIGHT	NODULE	TAN, TGL2
	RIGHT	NODULE	TAN, TGL1

Observation Comment: 2x2x2 mm
Observation Comment: 1x1x1 mm
Observation Comment: 2x2x2 mm
[NODULE TGLS = TGL3]
[NODULE TGLS = TGL2]
[NODULE TGLS = TGL1]

LIVER	RIGHT	FOCUS	TAN, TGL6
	RIGHT	MASS	TAN, TGL7
	LOBE, LEFT	NODULE	TAN, TGL5
	LOBE, MEDIAN	NODULE	TAN, TGL4
	RIGHT	NODULE	TAN, TGL8

Observation Comment: Anterior; 1x1 mm
Observation Comment: Posterior; 12x10x3 mm
Observation Comment: 2x2x1 mm
Observation Comment: 2x2x2 mm

ANIMAL ID: 127	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700127

Observation Comment: Posterior; 5x4x3 mm			
[FOCUS TGLS = TGL6]			
[MASS TGLS = TGL7]			
[NODULE TGLS = TGL5]			
[NODULE TGLS = TGL4]			
[NODULE TGLS = TGL8]			
LUNG	RIGHT, CRANIAL	MASS	MOTTLED, TGL9
Observation Comment: 10x7x4 mm			
[MASS TGLS = TGL9]			
NO CORRELATE		TO OBSERVATION / MASS	
SKELETAL MUSCLE	DORSAL, THORACIC	NODULE	TAN, THREE, TGL10, 2
	RIGHT, DORSAL	NODULE	WHITE, TGL11, 1
Observation Comment: up to 8x5x1 mm; TGL 10 extends from dorsal thoracic skeletal muscle of the spinal column into thorax.			
Observation Comment: neck; 5x5x4 mm			
[NODULE TGLS = TGL10, 2]			
[NODULE TGLS = TGL11, 1]			

ANIMAL ID: 127	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700127

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	GALLBLADDER	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID 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, MESENTERIC

OBSERVATIONS

ADRENAL GLAND	HEPATOCHOLANGIOCARCINOMA	METASTATIC
EYE	HEPATOCHOLANGIOCARCINOMA	METASTATIC
HEART	HEPATOCHOLANGIOCARCINOMA	METASTATIC
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	HEPATOCHOLANGIOCARCINOMA	METASTATIC
	NO CORRESPONDING LESION	

Tissue Comment: TGL 1-7, TGL 2-13, TGL 3-13

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL2-13, TGL1-7, Gross Finding = KIDNEY; RIGHT; NODULE; TAN; TGL1]

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL2-13, TGL1-7, Gross Finding = KIDNEY; RIGHT; NODULE; TAN; TGL2]

[NO CORRESPONDING LESION TGLS = TGL3-13, Gross Finding = KIDNEY; LEFT; NODULE; TAN; TGL3]

LIVER	FATTY CHANGE	DIFFUSE, MINIMAL
	HEPATOCELLULAR ADENOMA	MULTIPLE
	HEPATOCHOLANGIOCARCINOMA	
	NO CORRESPONDING LESION	

Tissue Comment: TGL 4-14, TGL 5-6, TGL 6-15, TGL 7-16, TGL 8-16

[HEPATOCELLULAR ADENOMA TGLS = TGL6-15, TGL5-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL5]

[HEPATOCELLULAR ADENOMA TGLS = TGL6-15, TGL5-6, Gross Finding = LIVER; RIGHT; FOCUS; TAN; TGL6]

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL7-16, TGL8-16, TGL6-15, TGL5-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL5]

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL7-16, TGL8-16, TGL6-15, TGL5-6, Gross Finding = LIVER; RIGHT; FOCUS; TAN; TGL6]

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL7-16, TGL8-16, TGL6-15, TGL5-6, Gross Finding = LIVER; RIGHT; MASS; TAN; TGL7]

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL7-16, TGL8-16, TGL6-15, TGL5-6, Gross Finding = LIVER; RIGHT; NODULE; TAN; TGL8]

ANIMAL ID: 127	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD681
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700127

[NO CORRESPONDING LESION TGLS = TGL4-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL4]			
LUNG		HEPATOCHOLANGIOCARCINOMA	METASTATIC
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL 9-5, Gross Finding = LUNG; RIGHT, CRANIAL; MASS; MOTTLED; TGL9]			
LYMPH NODE, MANDIBULAR		PIGMENT	MINIMAL
LYMPH NODE, MEDIASTINAL		HEPATOCHOLANGIOCARCINOMA	METASTATIC
PITUITARY GLAND	PARS DISTALIS	CYST	
SKELETAL MUSCLE		HEPATOCHOLANGIOCARCINOMA	METASTATIC
Tissue Comment: TGL 10-17, TGL 11-18			
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL11-18, TGL10-17, Gross Finding = SKELETAL MUSCLE; DORSAL, THORACIC; NODULE; TAN, THREE; TGL10, 2]			
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL11-18, TGL10-17, Gross Finding = SKELETAL MUSCLE; RIGHT, DORSAL; NODULE; WHITE; TGL11, 1]			
THYMUS		HEPATOCHOLANGIOCARCINOMA	METASTATIC

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCHOLANGIOCARCINOMA

Animal Note: Left front foot missing due to cannibalization.

ANIMAL ID: 128	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700128

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	LEFT	ENLARGED	TAN, TGL1
Observation Comment: TGL 1- accounts for eye abnormality- left; 4x			
[ENLARGED TGLS = TGL1]			
LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	NODULE	TAN, TGL3
Observation Comment: 6x6x3 mm			
Observation Comment: 3x3x2 mm; found at trim			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL3]			

ANIMAL ID: 128	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700128

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HEART	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	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYROID GLAND	TRACHEA

No Section Present

MAMMARY GLAND	THYMUS

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 1-10, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; TAN; TGL1]			
INTESTINE, LARGE, CECUM		ADENOCARCINOMA	
LIVER		HEPATOCELLULAR ADENOMA	
		NO CORRESPONDING LESION	
Tissue Comment: TGL 2-15, TGL 3-6			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL3]			
[NO CORRESPONDING LESION TGLS = TGL2-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]			
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 129	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700129

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER		DEFORMITY	PALE, TGL5
		FOCUS	ONE, WHITE, TGL10, 2
	LOBE, LEFT	MASS	MOTTLED, TGL9
	LOBE, MEDIAN	MASS	TAN, TGL6
	LOBE, MEDIAN	MASS	TAN, TGL7
	LOBE, MEDIAN	NODULE	TAN, TGL8

Observation Comment: TGL-5 affected median and left lobes (all lobes pale, but only these two had depressions/elevations).
Observation Comment: posterior; 5x3 mm; found at trim
Observation Comment: 16x11x5 mm; found at trim
Observation Comment: 13x8x3 mm; found at trim
Observation Comment: 10x10x3 mm; found at trim
Observation Comment: 4x4x2 mm; found at trim
[DEFORMITY TGLS = TGL5]
[FOCUS TGLS = TGL10, 2]
[MASS TGLS = TGL9]
[MASS TGLS = TGL6]
[MASS TGLS = TGL7]
[NODULE TGLS = TGL8]

ANIMAL ID: 129	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700129

LYMPH NODE	RENAL	ENLARGED	PALE, TGL4
Observation Comment: 8x4x3 mm			
[ENLARGED TGLS = TGL4]			
LYMPH NODE, MESENTERIC		ENLARGED	PALE, TGL3
		ENLARGED	PALE, TGL2
Observation Comment: 10x6x4 mm			
Observation Comment: 35x25x15 mm			
[ENLARGED TGLS = TGL3]			
[ENLARGED TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
SPLEEN		ENLARGED	PALE, TGL1
Observation Comment: 42x15x9 mm			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 129	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700129

HISTOPATH TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

ADRENAL GLAND	CORTEX, SUBCAPSULAR	HYPERPLASIA	MILD
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, LARGE, CECUM		LYMPHOMA	MALIGNANT
LIVER		HEPATOCELLULAR ADENOMA	
		LYMPHOMA	MALIGNANT

Tissue Comment: TGL 5-16, TGL 6-15, TGL 7-6, TGL 8-15, TGL 9-6, TGL 10-16

[HEPATOCELLULAR ADENOMA TGLS = TGL6-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL6]

[LYMPHOMA TGLS = TGL9-6, TGL7-6, TGL10-16, TGL5-16, TGL8-15, Gross Finding = LIVER; DEFORMITY; PALE; TGL5]

[LYMPHOMA TGLS = TGL9-6, TGL7-6, TGL10-16, TGL5-16, TGL8-15, Gross Finding = LIVER; FOCUS; ONE, WHITE; TGL10, 2]

[LYMPHOMA TGLS = TGL9-6, TGL7-6, TGL10-16, TGL5-16, TGL8-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL9]

[LYMPHOMA TGLS = TGL9-6, TGL7-6, TGL10-16, TGL5-16, TGL8-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL7]

[LYMPHOMA TGLS = TGL9-6, TGL7-6, TGL10-16, TGL5-16, TGL8-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL8]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
LYMPH NODE	RENAL	LYMPHOMA	MALIGNANT

[LYMPHOMA TGLS = TGL 4-13, Gross Finding = LYMPH NODE; RENAL; ENLARGED; PALE; TGL4]

LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT

Tissue Comment: TGL 2-14, TGL 3-15

[LYMPHOMA TGLS = TGL3-15, TGL2-14, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; PALE; TGL2]

[LYMPHOMA TGLS = TGL3-15, TGL2-14, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; PALE; TGL3]

NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
SPLEEN		LYMPHOMA	MALIGNANT

ANIMAL ID: 129	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700129

[LYMPHOMA TGLS = TGL 1-13, Gross Finding = SPLEEN; ENLARGED; PALE; TGL1]

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- SPLEEN; LYMPHOMA; MALIGNANT

ANIMAL ID: 130	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700130

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL4
	LOBE, MEDIAN	MASS	MOTTLED, TGL2
		MASS	MOTTLED, TGL1
		MASS	MOTTLED, TGL5
		MASS	MOTTLED, TGL3

Tissue Comment: Largest 5 masses or nodules listed, more present
Observation Comment: 8 X 8 X 8 mm
Observation Comment: 16 X 12 X 9 mm
Observation Comment: Right Anterior lobe; 27 X 19 X 16 mm
Observation Comment: Right Posterior Lobe; 6 X 6 X 4 mm
Observation Comment: Caudate lobe; 16 X 10 X 9 mm
[MASS TGLS = TGL4]
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]
[MASS TGLS = TGL5]
[MASS TGLS = TGL3]

LUNG		NODULE	TAN, TGL6

Observation Comment: Right Caudal lobe; 4 X 4 X 2 mm

ANIMAL ID: 130	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700130

[NODULE TGLS = TGL6]

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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

HARDERIAN GLAND		HYPERPLASIA	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-15, TGL 4-16, TGL 5-17

[HEPATOCELLULAR ADENOMA TGLS = TGL5-17, TGL3-15, Gross Finding = LIVER; MASS; MOTTLED; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL5-17, TGL3-15, Gross Finding = LIVER; MASS; MOTTLED; TGL5]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL4-16, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL4]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL4-16, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL4-16, TGL1-13, Gross Finding = LIVER; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 6-5, Gross Finding = LUNG; NODULE; TAN; TGL6]

TESTIS	GERMINAL EPITHELIUM	ATROPHY	MILD
	GERMINAL EPITHELIUM	DEGENERATION	MILD

ANIMAL ID: 131	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD185
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700131

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS

ANIMAL ID: 131	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD185
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700131

HISTOPATH TISSUE STATUS

Within Normal Limits			
ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
EPIDIDYMIS	ESOPHAGUS	GALLBLADDER	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
Autolysis Precludes Examination			
BRAIN	EYE	HEART	LIVER
SPLEEN	THYROID GLAND	TRACHEA	URINARY BLADDER
Insufficient Tissue			
LARYNX			
No Section Present			
PITUITARY GLAND	PREPUTIAL GLAND		
PRIMARY CAUSE OF DEATH	- UNDETERMINED		

ANIMAL ID: 132	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700132

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	TAN, TGL4
		MASS	TAN, TGL3
	LOBE, MEDIAN	NODULE	WHITE, TGL5, 1
Observation Comment: 8 X 8 X 4 mm			
Observation Comment: Right Anterior lobe, 12 X 11 X 7 mm			
Observation Comment: 2 X 2 X 2 mm			
[MASS TGLS = TGL4]			
[MASS TGLS = TGL3]			
[NODULE TGLS = TGL5, 1]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL1
Observation Comment: 20X			
[ENLARGED TGLS = TGL1]			
SPLEEN		ENLARGED	RED, TGL2
Observation Comment: 30 X 10 X 9 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 132	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700132

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
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

MAMMARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE

Tissue Comment: TGL 3-15, TGL 4-16, TGL 5-16, TGL 5-6

[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, TGL3-15, TGL5-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL4]

[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, TGL3-15, TGL5-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; WHITE; TGL5, 1]

[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, TGL3-15, TGL5-16, Gross Finding = LIVER; MASS; TAN; TGL3]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT

[LYMPHOMA TGLS = TGL 1-13, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL1]

SPLEEN	LYMPHOMA	MALIGNANT

[LYMPHOMA TGLS = TGL 2-14, Gross Finding = SPLEEN; ENLARGED; RED; TGL2]

ANIMAL ID: 133	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700133

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM		NODULE	TAN, TGL6
Observation Comment: 4 X 4 X 2 mm			
[NODULE TGLS = TGL6]			
LIVER	LOBE, LEFT	MASS	TGL4
	CAUDATE LOBE	NODULE	MOTTLED, TGL5
	LOBE, MEDIAN	NODULE	TAN, TGL7
		NODULE	MOTTLED, TGL3
		NODULE	MOTTLED, TGL2
		NODULE	MOTTLED, TGL1

Tissue Comment: Six largest liver masses and nodules noted, more present
Observation Comment: 33 X 24 X 13 mm
Observation Comment: 3 X 3 X 3 mm
Observation Comment: 4 X 4 X 1 mm. Found at trim.
Observation Comment: Right Anterior Lobe; 4 X 3 X 2 mm
Observation Comment: Right Anterior Lobe; 5 X 4 X 2 mm
Observation Comment: Right Anterior Lobe; 4 X 4 X 2 mm
[MASS TGLS = TGL4]
[NODULE TGLS = TGL5]

ANIMAL ID: 133	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700133

[NODULE TGLS = TGL7]
[NODULE TGLS = TGL3]
[NODULE TGLS = TGL2]
[NODULE TGLS = TGL1]

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 6-17, Gross Finding = INTESTINE, SMALL, JEJUNUM; NODULE; TAN; TGL6]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 1-13, TGL 2-13, TGL 3-14, TGL 4-15, TGL 5-16, TGL 7-6			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-13, TGL3-14, TGL1-13, TGL5-16, Gross Finding = LIVER; CAUDATE LOBE; NODULE; MOTTLED; TGL5]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-13, TGL3-14, TGL1-13, TGL5-16, Gross Finding = LIVER; NODULE; MOTTLED; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-13, TGL3-14, TGL1-13, TGL5-16, Gross Finding = LIVER; NODULE; MOTTLED; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-13, TGL3-14, TGL1-13, TGL5-16, Gross Finding = LIVER; NODULE; MOTTLED; TGL3]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL7-6, TGL4-15, Gross Finding = LIVER; LOBE, LEFT; MASS; TGL4]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL7-6, TGL4-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL7]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	METASTATIC
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 134	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD472
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700134

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
Observation Comment: 27 X 20 X 10 mm			
[MASS TGLS = TGL1]			
LUNG	RIGHT LOBE, CRANIAL	MASS	DARK, TGL3
	RIGHT LOBE, CRANIAL	MASS	DARK, TGL2
	LOBE, LEFT	NODULE	TAN, THREE, TGL4, 2
Observation Comment: 6 X 6 X 5 mm			
Observation Comment: 5 X 5 X 5 mm; Additional lung nodules present. Five largest recorded.			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL4, 2]			

ANIMAL ID: 134	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD472
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700134

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC
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, MANDIBULAR	MAMMARY GLAND

OBSERVATIONS

HEART	CARDIOMYOPATHY	MINIMAL
LIVER	HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 1-6, TGL 1-13		
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-6, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]		
LUNG	HEPATOCELLULAR CARCINOMA	METASTATIC
Tissue Comment: TGL 2-5, TGL 3-5, TGL 4-5		
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-5, TGL4-5, TGL2-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; TAN, THREE; TGL4, 2]		
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-5, TGL4-5, TGL2-5, Gross Finding = LUNG; RIGHT LOBE, CRANIAL; MASS; DARK; TGL2]		
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-5, TGL4-5, TGL2-5, Gross Finding = LUNG; RIGHT LOBE, CRANIAL; MASS; DARK; TGL3]		
LYMPH NODE, MEDIASTINAL	INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 135	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700135

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	RIGHT	MASS	TAN, TGL2
Observation Comment: 12 X 9 X 8 mm; accounts for bulging eye seen clinically; ulcerated			
[MASS TGLS = TGL2]			
LIVER	LOBE, LEFT	NODULE	TAN, TGL1
Observation Comment: 3 X 3 X 2 mm			
[NODULE TGLS = TGL1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
Observation Comment: Wound nose/snout, right present but not pathologically significant			

ANIMAL ID: 135	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700135

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	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	KIDNEY
LARYNX	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			

No Section Present

GALLBLADDER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 2-15, Gross Finding = HARDERIAN GLAND; RIGHT; MASS; TAN; TGL2]			
LIVER		HEPATOCELLULAR ADENOMA	
		MIXED CELL FOCUS	
[MIXED CELL FOCUS TGLS = TGL 1-14, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL1]			
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MILD
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD

Animal Note: wound nose/snout, right present but not pathologically significant

ANIMAL ID: 136	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD555
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700136

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	NODULE	TAN, TGL3
Observation Comment: 30 X 20 X 16 mm			
Observation Comment: 4 X 4 X 2 mm			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL3]			
SKIN	HEAD	ULCER	RED, TGL1
Observation Comment: 30 X 25 mm			
[ULCER TGLS = TGL1]			

ANIMAL ID: 136	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD555
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700136

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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
TESTIS	THYMUS	THYROID GLAND	TRACHEA

OBSERVATIONS

HEART	CARDIOMYOPATHY	MINIMAL
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 2-14, TGL 3-6		
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-6, TGL2-14, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]		
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-6, TGL2-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL3]		
LUNG	HEPATOCELLULAR CARCINOMA	METASTATIC
SKIN	ULCER	MODERATE
[ULCER TGLS = TGL 1-13, Gross Finding = SKIN; HEAD; ULCER; RED; TGL1]		
SPLEEN	EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
URINARY BLADDER	INFILTRATION CELLULAR	LYMPHOCYTE, MILD

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

Animal Note: Ear pinnae missing bilaterally due to cannibalization

ANIMAL ID: 137	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700137

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL3
		MASS	MOTTLED, TGL4
		MASS	MOTTLED, TGL1
		MASS	RED, TGL2
	LOBE, LEFT	NODULE	TAN, TGL5

Observation Comment: 7 X 5 X 3 mm
Observation Comment: Caudate lobe; 7 X 6 X 4 mm
Observation Comment: Right posterior lobe; 16 X 14 X 6 mm
Observation Comment: Right anterior lobe; 8 X 8 X 4 mm
Observation Comment: 5 X 5 X 2 mm
[MASS TGLS = TGL3]
[MASS TGLS = TGL4]
[MASS TGLS = TGL1]
[MASS TGLS = TGL2]
[NODULE TGLS = TGL5]

ANIMAL ID: 137	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700137

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LARYNX	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			

No Section Present

INTESTINE, LARGE, CECUM	INTESTINE, SMALL, ILEUM	LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 1-15, TGL 2-16, TGL 3-17, TGL 4-18, TGL 5-19

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-16, TGL1-15, TGL3-17, TGL4-18, TGL5-19, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL5]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-16, TGL1-15, TGL3-17, TGL4-18, TGL5-19, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-16, TGL1-15, TGL3-17, TGL4-18, TGL5-19, Gross Finding = LIVER; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-16, TGL1-15, TGL3-17, TGL4-18, TGL5-19, Gross Finding = LIVER; MASS; MOTTLED; TGL4]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-16, TGL1-15, TGL3-17, TGL4-18, TGL5-19, Gross Finding = LIVER; MASS; RED; TGL2]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 138	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD576
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700138

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	CAUDATE LOBE	FOCUS	TAN, TGL3
	LOBE, LEFT	MASS	RED, TGL1
	LOBE, MEDIAN	MASS	TAN, TGL2
Observation Comment: 3 X 3 mm			
Observation Comment: 32 X 21 X 9 mm			
Observation Comment: 6 X 6 X 3 mm			
[FOCUS TGLS = TGL3]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
SKIN		CRUST	TGL4
Observation Comment: Head; 11 X 10 mm			
[CRUST TGLS = TGL4]			

ANIMAL ID: 138	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD576
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700138

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	HEART
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	PANCREAS
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

No Section Present

GALLBLADDER	LYMPH NODE, BRONCHIAL	MAMMARY GLAND	PARATHYROID GLAND

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MINIMAL
HARDERIAN GLAND		ADENOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-15

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-15, TGL1-13, TGL2-14, Gross Finding = LIVER; CAUDATE LOBE; FOCUS; TAN; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-15, TGL1-13, TGL2-14, Gross Finding = LIVER; LOBE, LEFT; MASS; RED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-15, TGL1-13, TGL2-14, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL2]

NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
SKIN	EPITHELIAL CELL	HYPERPLASIA	MILD

[HYPERPLASIA TGLS = TGL 4-16, Gross Finding = SKIN; CRUST; TGL4]

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

ANIMAL ID: 139	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD194
	SELECTION: Core Animals		**DISP:** Accidental Death	**HISTO:** 1700139

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	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, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS - LEFT	TESTIS - RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

ABDOMEN		ACCUMULUATION	BROWN, TGL5
Observation Comment: Cavities; 0.5mL; TGL 5 consists of fecal material			
[ACCUMULUATION TGLS = TGL5]			
BONE	LUMBAR, VERTEBRA	FRACTURE	TGL2
Observation Comment: TGL 1 and 2 are located at L5-L6 junction			
[FRACTURE TGLS = TGL2]			
INTESTINE, LARGE, COLON		LACERATION	RED, TGL3
[LACERATION TGLS = TGL3]			
NO CORRELATE		TO OBSERVATION / MASS	
SEMINAL VESICLE	RIGHT	LACERATION	RED, TGL4
[LACERATION TGLS = TGL4]			
SPINAL CORD	LUMBAR	LACERATION	RED, TGL1
Observation Comment: TGL 1 and 2 are located at L5-L6 junction; TGL 1 = Spinal cord transected			
[LACERATION TGLS = TGL1]			

ANIMAL ID: 139	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD194
	SELECTION: Core Animals		**DISP:** Accidental Death	**HISTO:** 1700139

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
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	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	

OBSERVATIONS

BONE		FRACTURE	
[FRACTURE TGLS = TGL 2-13, Gross Finding = BONE; LUMBAR, VERTEBRA; FRACTURE; TGL2]			
CAVITY		NO CORRESPONDING LESION	
Tissue Comment: TGL 5-NoSlide			
[NO CORRESPONDING LESION TGLS = TGL 5-NOSLIDE, Gross Finding = ABDOMEN; ACCUMULUATION; BROWN; TGL5]			
INTESTINE, LARGE, COLON		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 3-8, Gross Finding = INTESTINE, LARGE, COLON; LACERATION; RED; TGL3]			
LIVER		CLEAR CELL FOCUS	
SEMINAL VESICLE		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 4-12, Gross Finding = SEMINAL VESICLE; RIGHT; LACERATION; RED; TGL4]			
SPINAL CORD	LUMBAR	FRACTURE	MARKED
[FRACTURE TGLS = TGL 1-13, Gross Finding = SPINAL CORD; LUMBAR; LACERATION; RED; TGL1]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD

PRIMARY CAUSE OF DEATH - ACCIDENTAL DEATH

ANIMAL ID: 140	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700140

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	LOBE, LEFT	NODULE	TAN, TGL2
	LOBE, LEFT	NODULE	TAN, TGL3
	LOBE, LEFT	NODULE	TAN, TGL4

Observation Comment: 20 X 18 X 12 mm
Observation Comment: 5 X 5 X 3 mm
Observation Comment: 2 X 2 X 2 mm; Found at trim.
[MASS TGLS = TGL1]
[NODULE TGLS = TGL2]
[NODULE TGLS = TGL3]
[NODULE TGLS = TGL4]

ANIMAL ID: 140	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700140

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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	

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	THYMUS

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		NECROSIS	MILD

Tissue Comment: TGL 1-13 TGL 2-6 TGL 3-14 TGL 4-14

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL3-14, TGL1-13, TGL4-14, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL3-14, TGL1-13, TGL4-14, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL3-14, TGL1-13, TGL4-14, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL4]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL3-14, TGL1-13, TGL4-14, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 141	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700141

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	TAN, TGL1
Observation Comment: 6 X 5 X 2 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 141	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700141

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

MAMMARY GLAND

OBSERVATIONS

ADRENAL GLAND		ACCESSORY ADRENOCORTICAL NODULE	
HARDERIAN GLAND	BILATERAL	ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 1-6, TGL 1-13

[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		ALVEOLAR/BRONCHIOLAR CARCINOMA	
PITUITARY GLAND	PARS DISTALIS	CYST	
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 142	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700142

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

INTESTINE, SMALL, ILEUM		NODULE	WHITE, TGL4, 1
Observation Comment: Multiple; up to 4 X 4 X 4 mm; Consists of numerous white nodules throughout the ileal wall			
[NODULE TGLS = TGL4, 1]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
		MASS	GREEN, TGL1
	LOBE, MEDIAN	NODULE	TAN, TGL3
	LOBE, MEDIAN	NODULE	TAN, TGL5
Observation Comment: 9 X 6 X 4 mm			
Observation Comment: Right Posterior Lobe; 11 X 5 X 5 mm			
Observation Comment: 5 X 5 X 2 mm			
Observation Comment: 3 X 3 X 2 mm; Found at trim			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL3]			
[NODULE TGLS = TGL5]			

ANIMAL ID: 142	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700142

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	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

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, ILEUM		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 4-15, Gross Finding = INTESTINE, SMALL, ILEUM; NODULE; WHITE; TGL4, 1]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-6, TGL 5-16			
[HEPATOCELLULAR ADENOMA TGLS = TGL5-16, TGL3-6, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL5-16, TGL3-6, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL5]			
[HEPATOCELLULAR ADENOMA TGLS = TGL5-16, TGL3-6, TGL1-13, Gross Finding = LIVER; MASS; GREEN; TGL1]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 143	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700143

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER	CAUDATE LOBE	MASS	MOTTLED, TGL2
	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	NODULE	MOTTLED, TGL4
		NODULE	MOTTLED, TGL3

Observation Comment: 8 X 6 X 4 mm
Observation Comment: 20 X 16 X 9 mm
Observation Comment: 3 X 3 X 2mm
Observation Comment: Right Anterior Lobe, 3 X 3 X 3 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]
[NODULE TGLS = TGL4]
[NODULE TGLS = TGL3]

LUNG	ACCESSORY LOBE	NODULE	WHITE, TGL6, 1

Observation Comment: 5 X 5 X 4 mm
[NODULE TGLS = TGL6, 1]

MESENTERY		NODULE	MOTTLED, TGL5

Observation Comment: Fat, 10 X 5 X 4 mm
[NODULE TGLS = TGL5]

ANIMAL ID: 143	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700143

STOMACH, FORESTOMACH	NODULE	WHITE, TGL7, 1
Observation Comment: 2 x 1 X 1 mm		
[NODULE TGLS = TGL7, 1]		

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	PREPUTIAL GLAND	PROSTATE
SKIN	SPLEEN	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-15, TGL 4-6			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, TGL3-15, TGL4-6, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, TGL3-15, TGL4-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL4]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, TGL3-15, TGL4-6, Gross Finding = LIVER; NODULE; MOTTLED; TGL3]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 6-5, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; WHITE; TGL6, 1]			
MESENTERY	ADIPOSE TISSUE	NECROSIS	
[NECROSIS TGLS = TGL 5-16, Gross Finding = MESENTERY; NODULE; MOTTLED; TGL5]			
SALIVARY GLAND		INFILTRATION CELLULAR	MONONUCLEAR CELL
SEMINAL VESICLE	EPITHELIUM	HYPERPLASIA	MINIMAL
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MILD
[HYPERPLASIA TGLS = TGL 7-8, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL7, 1]			

ANIMAL ID: 144	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700144

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

INTESTINE, LARGE, CECUM		THICK	TGL4
Observation Comment: 3X; Found at trim			
[THICK TGLS = TGL4]			
LIVER	LOBE, LEFT	FOCUS	WHITE, TGL1, 1
	LOBE, MEDIAN	FOCUS	TAN, TGL3
	LOBE, MEDIAN	NODULE	TAN, TGL2
Observation Comment: 1 X 1 mm			
Observation Comment: 2 X 2 X 1 mm			
[FOCUS TGLS = TGL1, 1]			
[FOCUS TGLS = TGL3]			
[NODULE TGLS = TGL2]			

ANIMAL ID: 144	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700144

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MILD
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, LARGE, CECUM		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 4-7, Gross Finding = INTESTINE, LARGE, CECUM; THICK; TGL4]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		HEPATOCELLULAR ADENOMA	
		NO CORRESPONDING LESION	
Tissue Comment: TGL 1-6, TGL 2-13, TGL 3-14			
[CLEAR CELL FOCUS TGLS = TGL1-6, Gross Finding = LIVER; LOBE, LEFT; FOCUS; WHITE; TGL1, 1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-13, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL2]			
[NO CORRESPONDING LESION TGLS = TGL3-14, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; TAN; TGL3]			
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 145	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD558
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700145

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	DARK, TGL1
Observation Comment: 25 X 20 X 15 mm			
[MASS TGLS = TGL1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
SKIN	INGUINAL, BILATERAL	CRUST	RED, TGL2
Observation Comment: 10 X 5 mm; ulcerated			
[CRUST TGLS = TGL2]			

ANIMAL ID: 145	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD558
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700145

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SEMINAL VESICLE	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MILD
		FIBROSIS	MILD
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, LARGE, COLON		INFLAMMATION	CHRONIC, MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		POLYARTERITIS NODOSA	MILD
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL1]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
		POLYARTERITIS NODOSA	MILD
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
SALIVARY GLAND		INFILTRATION CELLULAR	MONONUCLEAR CELL, MILD
SKIN		INFLAMMATION	SUPPURATIVE, MODERATE
[INFLAMMATION TGLS = TGL 2-14, Gross Finding = SKIN; INGUINAL, BILATERAL; CRUST; RED; TGL2]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
THYROID GLAND		INFLAMMATION	MODERATE
		POLYARTERITIS NODOSA	MODERATE

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

Animal Note: Coat is unkept, but not pathologically significant

ANIMAL ID: 146	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD324
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700146

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER	ENLARGED	MOTTLED, TGL1
Observation Comment: Diffuse; 2 X; Affects all lobes		
[ENLARGED TGLS = TGL1]		
LYMPH NODE, MESENTERIC	ENLARGED	TAN, TGL3
Observation Comment: 2 X		
[ENLARGED TGLS = TGL3]		
SPLEEN	ENLARGED	MOTTLED, TGL2
Observation Comment: 30 X 10 X 6 mm		
[ENLARGED TGLS = TGL2]		

ANIMAL ID: 146	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD324
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700146

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
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

MAMMARY GLAND

OBSERVATIONS

HEART	CARDIOMYOPATHY	MILD
LIVER	HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 1-6, Gross Finding = LIVER; ENLARGED; MOTTLED; TGL1]		
LUNG	HISTIOCYTIC SARCOMA	
LYMPH NODE, BRONCHIAL	HISTIOCYTIC SARCOMA	
LYMPH NODE, MESENTERIC	HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 3-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL3]		
SPLEEN	EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
	HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 2-16, Gross Finding = SPLEEN; ENLARGED; MOTTLED; TGL2]		

CONTRIBUTORY CAUSE OF DEATH - LIVER; HISTIOCYTIC SARCOMA

ANIMAL ID: 147	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700147

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	NODULE	TAN, TGL3
Observation Comment: 2x1x1mm			
[NODULE TGLS = TGL3]			
PERICARDIUM		ACCUMULUATION	RED, TGL1
Observation Comment: Cavity; ~2mL			
[ACCUMULUATION TGLS = TGL1]			
SPLEEN		MASS	MOTTLED, TGL2
Observation Comment: 16x10x6mm			
[MASS TGLS = TGL2]			

ANIMAL ID: 147	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700147

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	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	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
	PERICARDIUM	DILATION	MODERATE
	PERICARDIUM	NO CORRESPONDING LESION	

Tissue Comment: TGL 1-NoSlide

[NO CORRESPONDING LESION TGLS = TGL 1-NOSLIDE, Gross Finding = PERICARDIUM; ACCUMULUATION; RED; TGL1]

LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	MULTIPLE

[EOSINOPHILIC FOCUS TGLS = TGL 3-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL 3-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL3]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
NOSE	STENO'S GLAND	ATROPHY	MINIMAL
	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
SPLEEN		HEMANGIOSARCOMA	

[HEMANGIOSARCOMA TGLS = TGL 2-13, Gross Finding = SPLEEN; MASS; MOTTLED; TGL2]

ANIMAL ID: 148	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700148

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

INTESTINE, LARGE, CECUM		MASS	TAN, TGL7
Observation Comment: 8x6x4mm			
[MASS TGLS = TGL7]			
LIVER	CAUDATE LOBE	MASS	TAN, TGL4
	LOBE, LEFT	MASS	TAN, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL5
	LOBE, LEFT	NODULE	TAN, TGL3
	LOBE, MEDIAN	NODULE	TAN, TGL6
Observation Comment: 7x6x5mm			
Observation Comment: 12x10x2mm			
Observation Comment: 12x11x4mm			
Observation Comment: 5x4x2mm			
Observation Comment: 5x5x2mm			
[MASS TGLS = TGL4]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL5]			
[NODULE TGLS = TGL3]			
[NODULE TGLS = TGL6]			

ANIMAL ID: 148	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700148

LUNG	RIGHT	NODULE	WHITE, TGL1, 1

Observation Comment: Caudal Lobe; 3x3x2mm
[NODULE TGLS = TGL1, 1]

HISTOPATH TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

INTESTINE, LARGE, CECUM		ADENOMA	

[ADENOMA TGLS = TGL 7-7, Gross Finding = INTESTINE, LARGE, CECUM; MASS; TAN; TGL7]

LIVER		BASOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 2-6, TGL 3-14, TGL 4-15, TGL 5-6, TGL 6-16
[BASOPHILIC FOCUS TGLS = TGL3-14, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL3]
[HEPATOCELLULAR ADENOMA TGLS = TGL4-15, TGL5-6, TGL2-6, TGL6-16, Gross Finding = LIVER; CAUDATE LOBE; MASS; TAN; TGL4]
[HEPATOCELLULAR ADENOMA TGLS = TGL4-15, TGL5-6, TGL2-6, TGL6-16, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL2]
[HEPATOCELLULAR ADENOMA TGLS = TGL4-15, TGL5-6, TGL2-6, TGL6-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL5]
[HEPATOCELLULAR ADENOMA TGLS = TGL4-15, TGL5-6, TGL2-6, TGL6-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL6]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 1-5, Gross Finding = LUNG; RIGHT; NODULE; WHITE; TGL1, 1]

ANIMAL ID: 149	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700149

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	RIGHT	ENLARGED	WHITE, TGL1, 1
Observation Comment: 3 X			
[ENLARGED TGLS = TGL1, 1]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL5
	LOBE, LEFT	MASS	MOTTLED, TGL4
	LOBE, LEFT	MASS	MOTTLED, TGL3
Observation Comment: 7 X 6 X 3 mm			
Observation Comment: 9 X 9 X 4 mm			
Observation Comment: 6 X 6 X 4 mm			
[MASS TGLS = TGL5]			
[MASS TGLS = TGL4]			
[MASS TGLS = TGL3]			
LUNG	LOBE, LEFT	FOCUS	WHITE, TGL2, 1
Observation Comment: 4 X 4 mm			
[FOCUS TGLS = TGL2, 1]			

ANIMAL ID: 149	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700149

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HEART	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	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA		

No Section Present

LYMPH NODE, MEDIASTINAL

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-10, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; WHITE; TGL1, 1]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL
		NO CORRESPONDING LESION	
Tissue Comment: TGL 5-6, TGL 3-13, TGL 4-13			
[HEPATOCELLULAR CARCINOMA TGLS = TGL5-6, TGL4-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL4]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL5-6, TGL4-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL5]			
[NO CORRESPONDING LESION TGLS = TGL3-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL3]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 2-5, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL2, 1]			
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
SPLEEN		LYMPHOMA	MALIGNANT
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 150	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700150

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM	PEYERS PATCH	ENLARGED	WHITE, TGL4, 1
Observation Comment: 10X			
[ENLARGED TGLS = TGL4, 1]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	TAN, TGL3
Observation Comment: 10 X 10 X 8 mm			
Observation Comment: 23 X 16 X 12 mm			
Observation Comment: 7 X 6 X 6 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL3]			

ANIMAL ID: 150	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700150

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	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, MEDIASTINAL

OBSERVATIONS

HEART	CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM	ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 4-16, Gross Finding = INTESTINE, SMALL, JEJUNUM; PEYERS PATCH; ENLARGED; WHITE; TGL4, 1]		
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCELLULAR ADENOMA	
	HEPATOCELLULAR CARCINOMA	MULTIPLE
	MULTINUCLEATED HEPATOCYTE	MINIMAL
Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-15		
[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL3]		
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]		
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]		
LYMPH NODE, MANDIBULAR	HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MESENTERIC	HYPERPLASIA	LYMPHOCYTE, MINIMAL

ANIMAL ID: 151	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700151

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

ABDOMEN		ACCUMULUATION	DARK, TGL1
Tissue Comment: No Section Taken			
Observation Comment: ~4mL			
[ACCUMULUATION TGLS = TGL1]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL3
Observation Comment: 30 X 20 X 18 mm			
Observation Comment: 21 X 20 X 13 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
LUNG	LOBE, LEFT	NODULE	TAN, TWO, TGL7, 2
	LOBE, MIDDLE, RIGHT	NODULE	TAN, TGL6
	RIGHT LOBE	NODULE	RED, TGL4
	RIGHT LOBE	NODULE	TAN, TGL5
Observation Comment: 1 X 1 X 1 mm			
Observation Comment: caudal, 3 X 3 X 3 mm			
Observation Comment: caudal, 1 X 1 X1 mm			
[NODULE TGLS = TGL7, 2]			

ANIMAL ID: 151	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700151

[NODULE TGLS = TGL6]
[NODULE TGLS = TGL4]
[NODULE TGLS = TGL5]

ANIMAL ID: 151	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700151

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

MAMMARY GLAND

OBSERVATIONS

CAVITY		NO CORRESPONDING LESION	
Tissue Comment: TGL 1-NoSlide			
[NO CORRESPONDING LESION TGLS = TGL 1-NOSLIDE, Gross Finding = ABDOMEN; ACCUMULUATION; DARK; TGL1]			
EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MINIMAL
HARDERIAN GLAND		ADENOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 2-13, TGL 3-14			
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-14, TGL2-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-14, TGL2-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
Tissue Comment: TGL 4-5, TGL 5-5, TGL 6-5, TGL 7-5			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-5, TGL6-5, TGL5-5, TGL7-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; TAN, TWO; TGL7, 2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-5, TGL6-5, TGL5-5, TGL7-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; TAN; TGL6]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-5, TGL6-5, TGL5-5, TGL7-5, Gross Finding = LUNG; RIGHT LOBE; NODULE; RED; TGL4]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-5, TGL6-5, TGL5-5, TGL7-5, Gross Finding = LUNG; RIGHT LOBE; NODULE; TAN; TGL5]			
PREPUTIAL GLAND	DUCT	HYPERPLASIA	MODERATE
		INFLAMMATION	SUPPURATIVE, MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD

ANIMAL ID: 152	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD616
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700152

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
Observation Comment: 30 X 22 X 5 mm			
[MASS TGLS = TGL1]			
LYMPH NODE, MESENTERIC		ENLARGED	DARK, TGL2
Observation Comment: 3 X; found at trim			
[ENLARGED TGLS = TGL2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 152	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD616
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700152

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, BRONCHIAL	THYMUS

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
LYMPH NODE, MESENTERIC		HEMORRHAGE	MARKED
[HEMORRHAGE TGLS = TGL 2-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; DARK; TGL2]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LUNG; HEPATOCELLULAR CARCINOMA; METASTATIC

ANIMAL ID: 153	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD667
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700153

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	TAN, TGL6
		MASS	MOTTLED, TGL1

Observation Comment: 10 X 10 X 5 mm
Observation Comment: 7 X 7 X 1 mm; found at trim
Observation Comment: Right Posterior Lobe; 25 X 23 X 15 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL6]
[MASS TGLS = TGL1]

LUNG	LOBE, LEFT	FOCUS	ONE, WHITE, TGL4, 2
		NODULE	WHITE, TGL5, 1

Observation Comment: 3 X 2 mm
Observation Comment: Right Caudal Lobe; 4 X 4 X 1 mm; found at trim
[FOCUS TGLS = TGL4, 2]
[NODULE TGLS = TGL5, 1]

MESENTERY		NODULE	DARK, TGL3

Observation Comment: Fat; 6 X 4 X 3 mm
[NODULE TGLS = TGL3]

ANIMAL ID: 153	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD667
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700153

NO CORRELATING LESION	TO OBSERVATION / MASS	
STOMACH, FORESTOMACH	NODULE	WHITE, TGL7, 1
Observation Comment: 2 X 2 X 1 mm; found at trim		
[NODULE TGLS = TGL7, 1]		

ANIMAL ID: 153	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD667
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700153

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MILD
	DUCT	EXFOLIATED GERM CELL	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LARYNX		FOREIGN BODY	
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL
Tissue Comment: TGL 1-13, TGL 2-14, TGL 6-6			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL6-6, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL6-6, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL6]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL6-6, TGL1-13, Gross Finding = LIVER; MASS; MOTTLED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
		FOREIGN BODY	
		HEPATOCELLULAR CARCINOMA	METASTATIC
Tissue Comment: TGL 4-5, TGL 5-5			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL5-5, Gross Finding = LUNG; NODULE; WHITE; TGL5, 1]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-5, Gross Finding = LUNG; LOBE, LEFT; FOCUS; ONE, WHITE; TGL4, 2]			
MESENTERY	ADIPOSE TISSUE	HEPATOCELLULAR CARCINOMA	METASTATIC
[HEPATOCELLULAR CARCINOMA TGLS = TGL 3-15, Gross Finding = MESENTERY; NODULE; DARK; TGL3]			
NOSE		FOREIGN BODY	
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE

ANIMAL ID: 153	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD667
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700153

[HYPERPLASIA TGLS = TGL 7-8, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL7, 1]

TESTIS	GERMINAL EPITHELIUM	ATROPHY	MILD
	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
URINARY BLADDER		PAPILLOMA	

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

Animal Note: Discharge is present from the nose, but not pathologically correlated

ANIMAL ID: 154	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700154

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	FOCUS	PALE, TGL5
	CAUDATE LOBE	MASS	MOTTLED, TGL3
	LOBE, LEFT	MASS	MOTTLED, TGL1
		MASS	MOTTLED, TGL2
	LOBE, MEDIAN	NODULE	MOTTLED, TGL4

Observation Comment: 3 X 3 mm
Observation Comment: 10 X 7 X 6 mm
Observation Comment: 27 X 18 X 9 mm
Observation Comment: Right Posterior Lobe; 13 X 12 X 8 mm
Observation Comment: 4 X 4 X 1 mm
[FOCUS TGLS = TGL5]
[MASS TGLS = TGL3]
[MASS TGLS = TGL1]
[MASS TGLS = TGL2]
[NODULE TGLS = TGL4]

LUNG	RIGHT LOBE	NODULE	WHITE, TGL6, 1

Observation Comment: Caudal; 2 X 2 X 1 mm
[NODULE TGLS = TGL6, 1]

ANIMAL ID: 154	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700154

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	PITUITARY GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 1-13, TGL 4-14, TGL 2-15, TGL 3-16, TGL 5-14

[HEPATOCELLULAR ADENOMA TGLS = TGL3-16, TGL2-15, TGL4-14, TGL5-14, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-16, TGL2-15, TGL4-14, TGL5-14, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; PALE; TGL5]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-16, TGL2-15, TGL4-14, TGL5-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL4]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-16, TGL2-15, TGL4-14, TGL5-14, Gross Finding = LIVER; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL6-5, Gross Finding = LUNG; RIGHT LOBE; NODULE; WHITE; TGL6, 1]

LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MODERATE
TESTIS	SEMINIFEROUS TUBULE	DILATION	MILD

ANIMAL ID: 155	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700155

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	RIGHT	ENLARGED	WHITE, TGL5, 1
Observation Comment: 2X			
[ENLARGED TGLS = TGL5, 1]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	LOBE, LEFT	NODULE	MOTTLED, TGL3
Observation Comment: 11 X 7 X 7 mm			
Observation Comment: 25 X 22 X 16 mm			
Observation Comment: 4 X 3 X 2 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL3]			
LUNG	ACCESSORY LOBE	MASS	WHITE, TGL4, 1
Observation Comment: 6 X 4 X 3 mm			
[MASS TGLS = TGL4, 1]			

ANIMAL ID: 155	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700155

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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	PITUITARY GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA		

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 5-10, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; WHITE; TGL5, 1]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MILD
Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-6			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; MOTTLED; TGL3]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 4-5, Gross Finding = LUNG; ACCESSORY LOBE; MASS; WHITE; TGL4, 1]			
PREPUTIAL GLAND		CYST	
		INFLAMMATION	SUPPURATIVE, MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 156	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700156

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER		MASS	MOTTLED, TGL1
	LOBE, MEDIAN	NODULE	TAN, TGL2

Observation Comment: Right Posterior Lobe; 30 X 22 X 16 mm
Observation Comment: 4 X 4 X 2 mm
[MASS TGLS = TGL1]
[NODULE TGLS = TGL2]

ANIMAL ID: 156	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700156

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, BRONCHIAL	MAMMARY GLAND

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 1-13, TGL 2-6

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
LYMPH NODE, MEDIASTINAL		CYST	
NOSE		FOREIGN BODY	
PREPUTIAL GLAND		SARCOMA	
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MILD

ANIMAL ID: 157	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD395
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700157

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - RIGHT	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

EPIDIDYMIS	LEFT	SMALL	TGL1
Observation Comment: Head; 0.25 X			
[SMALL TGLS = TGL1]			
KIDNEY	PELVIS, RIGHT	DILATION	TGL4
	RIGHT	FOCUS	FOUR, WHITE, TGL3, 2
Observation Comment: 3 X; found at trim			
Observation Comment: up to 4 X 4 mm			
[DILATION TGLS = TGL4]			
[FOCUS TGLS = TGL3, 2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
SPLEEN		ENLARGED	TGL2
Observation Comment: 22 X 9 X 9 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 157	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD395
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700157

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	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	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-12, Gross Finding = EPIDIDYMIS; LEFT; SMALL; TGL1]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
	PELVIS	DILATION	MODERATE
	RENAL TUBULE	INFLAMMATION	SUPPURATIVE, MARKED
Tissue Comment: TGL 3-7, TGL 4-7			
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = TGL3-7, Gross Finding = KIDNEY; RIGHT; FOCUS; FOUR, WHITE; TGL3, 2]			
[DILATION TGLS = TGL4-7, Gross Finding = KIDNEY; PELVIS, RIGHT; DILATION; TGL4]			
[INFLAMMATION TGLS = TGL4-7, Gross Finding = KIDNEY; PELVIS, RIGHT; DILATION; TGL4]			
LIVER		NECROSIS	MILD
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MODERATE
SKIN		INFLAMMATION	SUPPURATIVE, MODERATE
		ULCER	MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-6, Gross Finding = SPLEEN; ENLARGED; TGL2]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; CHRONIC PROGRESSIVE NEPHROPATHY

Animal Note: Coat ruffled and wound present but now pathologically significant

ANIMAL ID: 158	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD712
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700158

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	PELVIS, LEFT	DILATION	TGL7
	PELVIS, RIGHT	DILATION	TGL8
Observation Comment: 6x3x1mm; found at trim			
Observation Comment: 6x4x2mm; found at trim			
[DILATION TGLS = TGL7]			
[DILATION TGLS = TGL8]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	DARK, TGL6
	RIGHT	MASS	MOTTLED, TGL2
	RIGHT	MASS	MOTTLED, TGL3
Observation Comment: 19x13x10mm			
Observation Comment: 10x7x6mm			
Observation Comment: Posterior; 14x9x7mm			
Observation Comment: Anterior; 8x6x4mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL6]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
LUNG	LOBE, LEFT	NODULE	WHITE, TGL5, 1

ANIMAL ID: 158	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD712
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700158

Observation Comment: 1x1x1mm [NODULE TGLS = TGL5, 1]		
LYMPH NODE, MESENTERIC	ENLARGED	MOTTLED, TGL4
Observation Comment: 10x [ENLARGED TGLS = TGL4]		

ANIMAL ID: 158	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD712
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700158

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HEART	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
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA

Autolysis Precludes Examination

TESTIS	URINARY BLADDER

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	PREPUTIAL GLAND
THYMUS			

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MILD
HARDERIAN GLAND		ADENOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PELVIS	DILATION	MARKED

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

[DILATION TGLS = TGL7-7, TGL8-7, Gross Finding = KIDNEY; PELVIS, LEFT; DILATION; TGL7]

[DILATION TGLS = TGL7-7, TGL8-7, Gross Finding = KIDNEY; PELVIS, RIGHT; DILATION; TGL8]

LIVER	HEPATOCELLULAR ADENOMA	MULTIPLE
	HEPATOCELLULAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 1-14, TGL 2-15, TGL 3-16, TGL 6-13

[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, TGL3-16, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, TGL3-16, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-14, TGL6-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-14, TGL6-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL6]

LUNG	NO CORRESPONDING LESION	

[NO CORRESPONDING LESION TGLS = TGL 5-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL5, 1]

LYMPH NODE, MESENTERIC	LYMPHOMA	MALIGNANT

[LYMPHOMA TGLS = TGL 4-17, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; MOTTLED; TGL4]

PITUITARY GLAND	PARS DISTALIS	CYST

ANIMAL ID: 158	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD712
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700158

SKIN		INFLAMMATION	SUPPURATIVE, MODERATE
		ULCER	MODERATE
CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE		

ANIMAL ID: 159	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700159

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	BILATERAL	ENLARGED	TAN, TGL6
Observation Comment: 1.5 X			
[ENLARGED TGLS = TGL6]			
LIVER	LOBE, LEFT	FOCUS	THREE, WHITE, TGL4, 1, 2
		FOCUS	WHITE, TGL5, 1
	LOBE, MEDIAN	MASS	GREEN, TGL2
		MASS	MOTTLED, TGL1
		NODULE	TAN, TGL3
Observation Comment: up to 3 X 3 mm			
Observation Comment: Right Anterior Lobe; 2 X 2 mm			
Observation Comment: 16 X 15 X 9 mm			
Observation Comment: Right Posterior Lobe, 20 X 16 X 12 mm			
Observation Comment: Caudate Lobe; 3 X 3 X 2 mm			
[FOCUS TGLS = TGL4, 1, 2]			
[FOCUS TGLS = TGL5, 1]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL3]			

ANIMAL ID: 159	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700159

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	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

MAMMARY GLAND	PARATHYROID GLAND

OBSERVATIONS

HARDERIAN GLAND	BILATERAL	ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 6-10, Gross Finding = HARDERIAN GLAND; BILATERAL; ENLARGED; TAN; TGL6]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL
Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-15, TGL 4-16, TGL 5-15			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, TGL4-16, TGL5-15, Gross Finding = LIVER; FOCUS; WHITE; TGL5, 1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, TGL4-16, TGL5-15, Gross Finding = LIVER; LOBE, LEFT; FOCUS; THREE, WHITE; TGL4, 1, 2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, TGL4-16, TGL5-15, Gross Finding = LIVER; NODULE; TAN; TGL3]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL2-14, Gross Finding = LIVER; LOBE, MEDIAN; MASS; GREEN; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL2-14, Gross Finding = LIVER; MASS; MOTTLED; TGL1]			
LUNG		ADENOCARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
	ALVEOLUS	INFILTRATION CELLULAR	HISTIOCYTE, MILD
	ALVEOLUS	PIGMENT	MILD
Observation Comment: primary = harderian gland			
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MARKED

ANIMAL ID: 159	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700159

NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 160	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700160

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	RED, TGL2
	LOBE, MEDIAN	NODULE	TAN, TGL3
Observation Comment: 12 X 12 X 7 mm			
Observation Comment: 3 X 2 X 2 mm			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL3]			
LUNG	RIGHT LOBE, CRANIAL	MASS	TAN, TGL1
Observation Comment: 16 X 10 X 10 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 160	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700160

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	PANCREAS	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
		INFARCT	MILD
	RENAL TUBULE	NECROSIS	MARKED
LARYNX	GLAND	MINERAL	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 2-14, TGL 3-6

[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, Gross Finding = LIVER; LOBE, MEDIAN; MASS; RED; TGL2]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	METASTATIC

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LUNG; RIGHT LOBE, CRANIAL; MASS; TAN; TGL1]

NOSE		CONCRETION	MINIMAL
	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, SQUAMOUS, MILD
PITUITARY GLAND	PARS DISTALIS	CYST	
TESTIS	GERMINAL EPITHELIUM, BILATERAL	ATROPHY	MILD
	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 161	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700161

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	RIGHT	CYST	CLEAR, TGL1
Observation Comment: 1 mm dia			
[CYST TGLS = TGL1]			
LIVER	LOBE, LEFT	FOCUS	FOUR, TAN, 1, TGL4
	LOBE, MEDIAN	FOCUS	FOUR, TAN, 1, TGL5
		FOCUS	FOUR, TAN, 1, TGL2
		FOCUS	TAN, TWO, TGL3, 2
	CAUDATE LOBE	MASS	MOTTLED, TGL7
	LOBE, MEDIAN	NODULE	FIVE, TAN, 1, TGL6
Observation Comment: up to 6 X 2 mm			
Observation Comment: up to 3 X 2 mm			
Observation Comment: Right Posterior Lobe; up to 4 X 3 mm			
Observation Comment: Right Anterior Lobe; up to 2 X 1 mm			
Observation Comment: 25 X 18 X 9 mm			
Observation Comment: up to 5 X 5 X 2 mm			
[FOCUS TGLS = 1, TGL4]			
[FOCUS TGLS = 1, TGL5]			
[FOCUS TGLS = 1, TGL2]			
[FOCUS TGLS = TGL3, 2]			

ANIMAL ID: 161	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700161

[MASS TGLS = TGL7]			
[NODULE TGLS = 1, TGL6]			
LUNG	RIGHT LOBE	NODULE	CAUDAL, MOTTLED, ONE, WHITE, 1, 2, TGL8, 4
Observation Comment: up to 4 X 4 X 3 mm			
[NODULE TGLS = 1, 2, TGL8, 4]			
LYMPH NODE, MESENTERIC		ENLARGED	DARK, TGL9
Observation Comment: 2 X			
[ENLARGED TGLS = TGL9]			
STOMACH, FORESTOMACH		NODULE	WHITE, TGL10, 1
Observation Comment: 1 X 1 X 1 mm			
[NODULE TGLS = TGL10, 1]			

ANIMAL ID: 161	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700161

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	

No Section Present

LYMPH NODE, MEDIASTINAL	MAMMARY GLAND

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MINIMAL
HEART		CARDIOMYOPATHY	MILD
INTESTINE, SMALL, ILEUM		CELLULARITY INCREASED	LYMPHOCYTE, MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	INFLAMMATION	SUPPURATIVE, MARKED
		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-15, Gross Finding = KIDNEY; RIGHT; CYST; CLEAR; TGL1]			
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
		NECROSIS	MARKED
Tissue Comment: TGL 2-14, TGL 3-14, TGL 4-6, TGL 5-6, TGL 6-6, TGL 7-13			
[HEPATOCELLULAR ADENOMA TGLS = TGL6-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; FIVE, TAN; 1, TGL6]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL7-13, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL7]			
[NECROSIS TGLS = TGL4-6, TGL3-14, TGL2-14, TGL5-6, Gross Finding = LIVER; FOCUS; FOUR, TAN; 1, TGL2]			
[NECROSIS TGLS = TGL4-6, TGL3-14, TGL2-14, TGL5-6, Gross Finding = LIVER; FOCUS; TAN, TWO; TGL3, 2]			
[NECROSIS TGLS = TGL4-6, TGL3-14, TGL2-14, TGL5-6, Gross Finding = LIVER; LOBE, LEFT; FOCUS; FOUR, TAN; 1, TGL4]			
[NECROSIS TGLS = TGL4-6, TGL3-14, TGL2-14, TGL5-6, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; FOUR, TAN; 1, TGL5]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		ALVEOLAR/BRONCHIOLAR CARCINOMA	
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 8-5, Gross Finding = LUNG; RIGHT LOBE; NODULE; CAUDAL, MOTTLED, ONE, WHITE; 1, 2, TGL8, 4]			
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MARKED

ANIMAL ID: 161	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700161

[HYPERPLASIA TGLS = TGL 9-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; DARK; TGL9]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MILD
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
PREPUTIAL GLAND		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
PROSTATE		INFLAMMATION	SUPPURATIVE, MINIMAL
SALIVARY GLAND		INFILTRATION CELLULAR	MONONUCLEAR CELL
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MILD
[HYPERPLASIA TGLS = TGL 10-8, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL10, 1]			
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MILD
	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		INFLAMMATION	SUPPURATIVE, MILD

ANIMAL ID: 162	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700162

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	TAN, TGL6
	LOBE, MEDIAN	NODULE	TAN, TGL5
		NODULE	TAN, TGL7

Observation Comment: 5 X 3 X 3 mm; Found at trim
Observation Comment: 5 X 3 X 2 mm; Found at trim
Observation Comment: Right Anterior lobe; 2 X 2 X 2 mm; Found at trim
[NODULE TGLS = TGL6]
[NODULE TGLS = TGL5]
[NODULE TGLS = TGL7]

LUNG	LOBE, LEFT	NODULE	TWO, WHITE, TGL4, 1, 2
	LOBE, MIDDLE, RIGHT	NODULE	ONE, WHITE, TGL1, 2
	RIGHT LOBE	NODULE	ONE, WHITE, TGL3, 2
	RIGHT LOBE, CRANIAL	NODULE	ONE, WHITE, TGL2, 2

Tissue Comment: Greater than 5 nodules present, largest 5 recorded
Observation Comment: 2 X 2 X 1 mm
Observation Comment: 2 X 2 X 2 mm
Observation Comment: Caudal; 2 X 2 X 1 mm
Observation Comment: 2 X 2 X 1 mm

ANIMAL ID: 162	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700162

[NODULE TGLS = TGL4, 1, 2]
[NODULE TGLS = TGL1, 2]
[NODULE TGLS = TGL3, 2]
[NODULE TGLS = TGL2, 2]

ANIMAL ID: 162	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700162

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PROSTATE	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	

No Section Present

MAMMARY GLAND	PREPUTIAL GLAND

OBSERVATIONS

HARDERIAN GLAND	ADENOMA	
HEART	CARDIOMYOPATHY	MILD
INTESTINE, SMALL, ILEUM	CELLULARITY INCREASED	LYMPHOCYTE, MARKED
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BASOPHILIC FOCUS	
	FATTY CHANGE	DIFFUSE, MILD
	HEPATOCELLULAR ADENOMA	MULTIPLE
	MIXED CELL FOCUS	

Tissue Comment: TGL 5-13, TGL 6-14, TGL 7-15

[HEPATOCELLULAR ADENOMA TGLS = TGL5-13, TGL6-14, TGL7-15, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL6]

[HEPATOCELLULAR ADENOMA TGLS = TGL5-13, TGL6-14, TGL7-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL5]

[HEPATOCELLULAR ADENOMA TGLS = TGL5-13, TGL6-14, TGL7-15, Gross Finding = LIVER; NODULE; TAN; TGL7]

LUNG	ALVEOLAR/BRONCHIOLAR ADENOMA	
	ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 1-5, TGL 2-5, TGL 3-5, TGL 4-5

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL2-5, TGL3-5, TGL1-5, TGL4-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; TWO, WHITE; TGL4, 1, 2]

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL2-5, TGL3-5, TGL1-5, TGL4-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; ONE, WHITE; TGL1, 2]

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL2-5, TGL3-5, TGL1-5, TGL4-5, Gross Finding = LUNG; RIGHT LOBE, CRANIAL; NODULE; ONE, WHITE; TGL2, 2]

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL2-5, TGL3-5, TGL1-5, TGL4-5, Gross Finding = LUNG; RIGHT LOBE; NODULE; ONE, WHITE; TGL3, 2]

LYMPH NODE, MEDIASTINAL	INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
LYMPH NODE, MESENTERIC	HYPERPLASIA	LYMPHOCYTE, MODERATE

ANIMAL ID: 162	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700162

SALIVARY GLAND		INFILTRATION CELLULAR	MONONUCLEAR CELL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 163	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700163

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	GREEN, TGL2
		MASS	MOTTLED, TGL3
		MASS	MOTTLED, TGL4
	LOBE, MEDIAN	NODULE	TAN, TGL5

Observation Comment: 25 X 16 X 12 mm
Observation Comment: 13 X 9 X 9 mm
Observation Comment: Right Anterior lobe; 12 X 8 X 8 mm
Observation Comment: Right Anterior Lobe; 7 X 5 X 5 mm
Observation Comment: 4 X 4 X 3 mm
[MASS TGLS = TGL1]
[MASS TGLS = TGL2]
[MASS TGLS = TGL3]
[MASS TGLS = TGL4]
[NODULE TGLS = TGL5]

STOMACH, FORESTOMACH		NODULE	TAN, TGL6

Observation Comment: 2 X 2 X 1 mm
[NODULE TGLS = TGL6]

ANIMAL ID: 163	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700163

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		BASOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 5-6, TGL 4-15, TGL 1-13, TGL 3-15, TGL 2-14

[HEPATOCELLULAR ADENOMA TGLS = TGL4-15, Gross Finding = LIVER; MASS; MOTTLED; TGL4]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL5-6, TGL2-14, TGL3-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL5-6, TGL2-14, TGL3-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; GREEN; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL5-6, TGL2-14, TGL3-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL5]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL5-6, TGL2-14, TGL3-15, Gross Finding = LIVER; MASS; MOTTLED; TGL3]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL

[HYPERPLASIA TGLS = TGL 6-8, Gross Finding = STOMACH, FORESTOMACH; NODULE; TAN; TGL6]

ANIMAL ID: 164	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700164

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, LEFT	MASS	TGL3
	LOBE, MEDIAN	NODULE	TAN, TGL2
Observation Comment: 19 X 19 X 10 mm			
Observation Comment: 10 X 9 X 8 mm			
Observation Comment: 2 X 2 X 2 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL3]			
[NODULE TGLS = TGL2]			
LUNG	LOBE, MIDDLE, RIGHT	NODULE	TAN, TGL4
Observation Comment: 3 X 3 X 3 mm			
[NODULE TGLS = TGL4]			

ANIMAL ID: 164	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700164

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	NOSE	PANCREAS	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND	SEMINAL VESICLE
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	

No Section Present

MAMMARY GLAND

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MILD
HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, ILEUM		CELLULARITY INCREASED	LYMPHOCYTE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		BASOPHILIC FOCUS	
		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR CARCINOMA	
		MULTINUCLEATED HEPATOCYTE	MILD

Tissue Comment: TGL 1-13, TGL 2-6, TGL 3-6

[BASOPHILIC FOCUS TGLS = TGL3-6, Gross Finding = LIVER; LOBE, LEFT; MASS; TGL3]

[EOSINOPHILIC FOCUS TGLS = TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	

[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 4-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; TAN; TGL4]

LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
	RETE TESTIS	DILATION	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

ANIMAL ID: 165	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700165

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL3
	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL1
		NODULE	TAN, TGL4

Observation Comment: 7 X 6 X 4 mm
Observation Comment: 7 X 6 X 5 mm
Observation Comment: 11 X 11 X 10 mm
Observation Comment: Right Anterior lobe; 5 X 4 X 2 mm
[MASS TGLS = TGL3]
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]
[NODULE TGLS = TGL4]

ANIMAL ID: 165	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700165

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
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

MAMMARY GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX, SUBCAPSULAR	HYPERPLASIA	MILD
	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		MIXED CELL FOCUS	

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-14, TGL 4-15

[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, TGL4-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, TGL4-15, Gross Finding = LIVER; NODULE; TAN; TGL4]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL3-14, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL3-14, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 166	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700166

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	LEFT	MASS	MOTTLED, TGL3
Observation Comment: 20x7x4 mm; TGL 3 = encompasses left eye			
[MASS TGLS = TGL3]			
LIVER	LOBE, LEFT	NODULE	TAN, TGL2
Observation Comment: 2x2x1 mm			
[NODULE TGLS = TGL2]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
PREPUTIAL GLAND	BILATERAL	ENLARGED	TAN, TGL1
Observation Comment: 1.5x			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 166	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700166

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	GALLBLADDER	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, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	

Insufficient Tissue

PITUITARY GLAND

No Section Present

INTESTINE, LARGE, CECUM

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MINIMAL
		HYPOSPERMIA	MODERATE
EYE	CORNEA	INFLAMMATION	ACUTE, MINIMAL
HARDERIAN GLAND		ADENOCARCINOMA	
		HYPERPLASIA	MILD
[ADENOCARCINOMA TGLS = TGL 3-13, Gross Finding = HARDERIAN GLAND; LEFT; MASS; MOTTLED; TGL3]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY	CYTOPLASMIC, RENAL TUBULE	VACUOLATION	MODERATE
LIVER		BASOPHILIC FOCUS	
		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	
		NECROSIS	SINGLE CELL, MILD
[HEPATOCELLULAR ADENOMA TGLS = TGL 2-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL2]			
LUNG		ADENOCARCINOMA	METASTATIC
LYMPH NODE, BRONCHIAL		ADENOCARCINOMA	METASTATIC
Observation Comment: primary = harderian gland			
LYMPH NODE, MANDIBULAR		ADENOCARCINOMA	METASTATIC
Observation Comment: primary = harderian gland			
NOSE	NASOLACRIMAL DUCT	INFLAMMATION	SUPPURATIVE, MILD
	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MILD

ANIMAL ID: 166	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD708
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700166

PREPUTIAL GLAND	DUCT, BILATERAL	DILATION	MODERATE
		INFLAMMATION	SUPPURATIVE, MODERATE
[DILATION TGLS = TGL 1-11, Gross Finding = PREPUTIAL GLAND; BILATERAL; ENLARGED; TAN; TGL1]			
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL
		INFLAMMATION	SUPPURATIVE, MINIMAL
		ULCER	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MODERATE
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
CONTRIBUTORY CAUSE OF DEATH	- HARDERIAN GLAND; ADENOCARCINOMA		

ANIMAL ID: 167	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD541
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700167

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HEART	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, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	RIGHT	ENLARGED	WHITE, TGL1, 1
Observation Comment: 2 X			
[ENLARGED TGLS = TGL1, 1]			
SKIN	RIGHT, INGUINAL	MASS	MOTTLED, TGL3
Observation Comment: 30 mm X 27 mm X 14 mm			
[MASS TGLS = TGL3]			
SPLEEN		ENLARGED	TGL2
Observation Comment: 27 mm X 8 mm X 3 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 167	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD541
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700167

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	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

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 1-10, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; WHITE; TGL1, 1]			
LIVER		EXTRAMEDULLARY HEMATOPOIESIS	MINIMAL
		NECROSIS	MILD
LUNG		FIBROSARCOMA	METASTATIC
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 3-13, Gross Finding = SKIN; RIGHT, INGUINAL; MASS; MOTTLED; TGL3]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-7, Gross Finding = SPLEEN; ENLARGED; TGL2]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL

CONTRIBUTORY CAUSE OF DEATH - SKIN; FIBROSARCOMA

ANIMAL ID: 168	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700168

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	LEFT	ENLARGED	TAN, TGL5
Observation Comment: 6X			
[ENLARGED TGLS = TGL5]			
LIVER	LOBE, LEFT	MASS	TAN, TGL3
	LOBE, MEDIAN	MASS	TGL2
		MASS	MOTTLED, TGL1
	LOBE, LEFT	NODULE	TAN, TGL4
Observation Comment: 7 X 6 X 5 mm			
Observation Comment: 24 X 16 X 12 mm			
Observation Comment: Right Anterior Lobe, 26 X 25 X 16 mm			
Observation Comment: 4 X 4 X 3 mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL4]			

ANIMAL ID: 168	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700168

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LUNG
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	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
		HYPERPLASIA	MARKED
[ADENOMA TGLS = TGL 5-17, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; TAN; TGL5]			
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX	EPIGLOTTIS	METAPLASIA	SQUAMOUS, MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MILD
Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-16, TGL 4-15			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-15, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-15, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL4]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL2-14, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, TGL2-14, Gross Finding = LIVER; MASS; MOTTLED; TGL1]			
LYMPH NODE, MESENTERIC		THROMBUS	

ANIMAL ID: 169	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700169

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	TAN, TGL1
Observation Comment: 12 X 11 X 6 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 169	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700169

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

MAMMARY GLAND

OBSERVATIONS

ADRENAL GLAND		ACCESSORY ADRENOCORTICAL NODULE	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		MIXED CELL FOCUS	
		MULTINUCLEATED HEPATOCYTE	MINIMAL
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
LYMPH NODE, MEDIASTINAL		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MINIMAL

ANIMAL ID: 170	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700170

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL6
	LOBE, MEDIAN	MASS	MOTTLED, TGL7
	LOBE, MEDIAN	MASS	MOTTLED, TGL4
		MASS	MOTTLED, TGL8
		MASS	MOTTLED, TGL5

Tissue Comment: Greater than 5 masses/nodules present in the liver, largest 5 recorded
Observation Comment: 11 X 11 X 7mm
Observation Comment: 10 X 6 X 5mm
Observation Comment: 19 X 12 X 11 mm
Observation Comment: Right Posterior Lobe; 7 X 6 X 4 mm
Observation Comment: Right Anterior lobe; 17 X 14 X 12 mm
[MASS TGLS = TGL6]
[MASS TGLS = TGL7]
[MASS TGLS = TGL4]
[MASS TGLS = TGL8]
[MASS TGLS = TGL5]

LUNG	LOBE, MIDDLE, RIGHT	NODULE	WHITE, TGL9, 1

Observation Comment: 3 X 2 X 2 mm
[NODULE TGLS = TGL9, 1]

ANIMAL ID: 170	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700170

LYMPH NODE	RENAL	ENLARGED	TAN, TGL3
Observation Comment: 10X			
[ENLARGED TGLS = TGL3]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL2
Observation Comment: 5X			
[ENLARGED TGLS = TGL2]			
SPLEEN		ENLARGED	TGL1
Observation Comment: 27 X 8 X 8 mm			
[ENLARGED TGLS = TGL1]			
STOMACH, GLANDULAR		NODULE	TAN, TGL10
Observation Comment: 5 X 5 X 3 mm, found at trim			
[NODULE TGLS = TGL10]			

ANIMAL ID: 170	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700170

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PROSTATE	SALIVARY GLAND	SEMINAL VESICLE	SKIN
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	

No Section Present

LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	THYMUS

OBSERVATIONS

ADRENAL GLAND	CORTEX, SUBCAPSULAR	HYPERPLASIA	MODERATE
	CORTEX	HYPERTROPHY	FOCAL, MODERATE
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 4-6, TGL 4-15, TGL 5-17, TGL 6-18, TGL 7-19, TGL 8-20			
[HEPATOCELLULAR CARCINOMA TGLS = TGL8-20, TGL4-6, TGL7-19, TGL5-17, TGL6-18, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL6]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL8-20, TGL4-6, TGL7-19, TGL5-17, TGL6-18, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL4]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL8-20, TGL4-6, TGL7-19, TGL5-17, TGL6-18, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL7]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL8-20, TGL4-6, TGL7-19, TGL5-17, TGL6-18, Gross Finding = LIVER; MASS; MOTTLED; TGL5]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL8-20, TGL4-6, TGL7-19, TGL5-17, TGL6-18, Gross Finding = LIVER; MASS; MOTTLED; TGL8]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 9-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; WHITE; TGL9, 1]			
LYMPH NODE	RENAL	LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 3-16, Gross Finding = LYMPH NODE; RENAL; ENLARGED; TAN; TGL3]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 2-8, TGL 2-14			
[LYMPHOMA TGLS = TGL2-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL2]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MODERATE

ANIMAL ID: 170	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700170

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 1-13, Gross Finding = SPLEEN; ENLARGED; TGL1]			
STOMACH, FORESTOMACH		PAPILLOMA	
[PAPILLOMA TGLS = TGL 10-8, Gross Finding = STOMACH, GLANDULAR; NODULE; TAN; TGL10]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

ANIMAL ID: 171	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700171

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND		ENLARGED	WHITE, TGL14, 1
Observation Comment: unilateral; 2x; found at trim			
[ENLARGED TGLS = TGL14, 1]			
HEART	MYOCARDIUM	NODULE	>FIVE, WHITE, TGL11, 2
Observation Comment: up to 2x2x2mm			
[NODULE TGLS = TGL11, 2]			
KIDNEY	RIGHT	FOCUS	FIVE, WHITE, TGL7, 2
	LEFT	NODULE	>FIVE, WHITE, TGL5, 2
	RIGHT	NODULE	WHITE, TGL6, 1
Observation Comment: 1x1mm			
Observation Comment: up to 2x1x1mm			
Observation Comment: 2x2x2 mm			
[FOCUS TGLS = TGL7, 2]			
[NODULE TGLS = TGL5, 2]			
[NODULE TGLS = TGL6, 1]			
LIVER	LOBE, LEFT	MASS	RED, TGL4
	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	TAN, TGL2
	LOBE, MEDIAN	NODULE	PALE, TGL3

ANIMAL ID: 171	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700171

Observation Comment: 10x7x3 mm			
Observation Comment: 10x10x5 mm			
Observation Comment: 10x8x4 mm			
Observation Comment: 3x3x2 mm			
[MASS TGLS = TGL4]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL3]			
LUNG	RIGHT	MASS	MOTTLED, TGL13
Observation Comment: caudal; 10x9x5mm			
[MASS TGLS = TGL13]			
LYMPH NODE, BRONCHIAL		ENLARGED	WHITE, TGL12, 1
Observation Comment: 5x			
[ENLARGED TGLS = TGL12, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
SKELETAL MUSCLE	ABDOMINAL	NODULE	WHITE, TGL9, 1
	DIAPHRAGM	NODULE	FIVE, WHITE, TGL8, 2
	THORACIC	NODULE	TWO, WHITE, TGL10, 1, 2
Observation Comment: body wall; 3x3x1mm			
Observation Comment: up to 2x2x1mm			
Observation Comment: body wall; up to 4x2x1mm			
[NODULE TGLS = TGL9, 1]			
[NODULE TGLS = TGL8, 2]			
[NODULE TGLS = TGL10, 1, 2]			

ANIMAL ID: 171	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700171

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	EPIDIDYMIS
ESOPHAGUS	EYE	GALLBLADDER	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	PARATHYROID GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYROID GLAND
TRACHEA			

No Section Present

LYMPH NODE, MEDIASTINAL

OBSERVATIONS

ADRENAL GLAND		HEPATOBLASTOMA	METASTATIC
AORTA		HEPATOBLASTOMA	METASTATIC
HARDERIAN GLAND		HEPATOBLASTOMA	METASTATIC
		HYPERPLASIA	MODERATE
[HEPATOBLASTOMA TGLS = TGL 14-10, Gross Finding = HARDERIAN GLAND; ENLARGED; WHITE; TGL14, 1]			
HEART		HEPATOBLASTOMA	METASTATIC
[HEPATOBLASTOMA TGLS = TGL 11-6, Gross Finding = HEART; MYOCARDIUM; NODULE; >FIVE, WHITE; TGL11, 2]			
KIDNEY		HEPATOBLASTOMA	METASTATIC
Tissue Comment: TGL 5-7, TGL 5-14, TGL 6-13, TGL 6-23, TGL 7-13			
[HEPATOBLASTOMA TGLS = TGL5-7, TGL6-13, TGL7-13, Gross Finding = KIDNEY; LEFT; NODULE; >FIVE, WHITE; TGL5, 2]			
[HEPATOBLASTOMA TGLS = TGL5-7, TGL6-13, TGL7-13, Gross Finding = KIDNEY; RIGHT; FOCUS; FIVE, WHITE; TGL7, 2]			
[HEPATOBLASTOMA TGLS = TGL5-7, TGL6-13, TGL7-13, Gross Finding = KIDNEY; RIGHT; NODULE; WHITE; TGL6, 1]			
LIVER		HEPATOBLASTOMA	
Tissue Comment: TGL 1-15, TGL 1-6, TGL 4-16, TGL 2-21, TGL 3-22			
[HEPATOBLASTOMA TGLS = TGL1-15, TGL2-21, TGL3-22, TGL4-16, Gross Finding = LIVER; LOBE, LEFT; MASS; RED; TGL4]			
[HEPATOBLASTOMA TGLS = TGL1-15, TGL2-21, TGL3-22, TGL4-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
[HEPATOBLASTOMA TGLS = TGL1-15, TGL2-21, TGL3-22, TGL4-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL2]			
[HEPATOBLASTOMA TGLS = TGL1-15, TGL2-21, TGL3-22, TGL4-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; PALE; TGL3]			
LUNG		HEPATOBLASTOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MODERATE
[HEPATOBLASTOMA TGLS = TGL 13-5, Gross Finding = LUNG; RIGHT; MASS; MOTTLED; TGL13]			

ANIMAL ID: 171	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700171

LYMPH NODE, BRONCHIAL		HEPATOBLASTOMA	METASTATIC
[HEPATOBLASTOMA TGLS = TGL 12-5, Gross Finding = LYMPH NODE, BRONCHIAL; ENLARGED; WHITE; TGL12, 1]			
NOSE	NASOLACRIMAL DUCT	INFLAMMATION	SUPPURATIVE, MILD
	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
PANCREAS	ACINUS	HEPATOBLASTOMA	METASTATIC
PITUITARY GLAND		HEPATOBLASTOMA	METASTATIC
SKELETAL MUSCLE		HEPATOBLASTOMA	METASTATIC
Tissue Comment: TGL 8-17, TGL 9-18, TGL 10-19			
[HEPATOBLASTOMA TGLS = TGL8-17, TGL10-19, TGL9-18, Gross Finding = SKELETAL MUSCLE; ABDOMINAL; NODULE; WHITE; TGL9, 1]			
[HEPATOBLASTOMA TGLS = TGL8-17, TGL10-19, TGL9-18, Gross Finding = SKELETAL MUSCLE; DIAPHRAGM; NODULE; FIVE, WHITE; TGL8, 2]			
[HEPATOBLASTOMA TGLS = TGL8-17, TGL10-19, TGL9-18, Gross Finding = SKELETAL MUSCLE; THORACIC; NODULE; TWO, WHITE; TGL10, 1, 2]			
THYMUS		HEPATOBLASTOMA	METASTATIC
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		INFLAMMATION	SUPPURATIVE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOBLASTOMA

ANIMAL ID: 172	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700172

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	TAN, TGL2
		MASS	MOTTLED, TGL1

Observation Comment: 7 X 7 X 4 mm
Observation Comment: Caudate Lobe; 16 X 12 X 8 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]

ANIMAL ID: 172	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700172

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, MANDIBULAR	MAMMARY GLAND	PARATHYROID GLAND	

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE	CYST	
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		INFLAMMATION	FOCAL, MINIMAL
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 1-13, TGL 2-14

[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MODERATE
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 173	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700173

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	RIGHT	MASS	TAN, TGL3
Observation Comment: 8 X 7 X 6 mm			
[MASS TGLS = TGL3]			
LIVER		MASS	RED, TGL2
Observation Comment: Right Anterior Lobe; 11 X 7 X 7 mm; Filled with Red fluid			
[MASS TGLS = TGL2]			
LYMPH NODE, MANDIBULAR	RIGHT	ENLARGED	TAN, TGL1
Observation Comment: 3X			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 173	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700173

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

MAMMARY GLAND

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 3-10, Gross Finding = HARDERIAN GLAND; RIGHT; MASS; TAN; TGL3]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 2-14, Gross Finding = LIVER; MASS; RED; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
[HYPERPLASIA TGLS = TGL 1-11, Gross Finding = LYMPH NODE, MANDIBULAR; RIGHT; ENLARGED; TAN; TGL1]			
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD

ANIMAL ID: 174	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700174

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	LEFT	ENLARGED	WHITE, TGL6, 1
Observation Comment: 11 X 10 X 9 mm			
[ENLARGED TGLS = TGL6, 1]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL5
	CAUDATE LOBE	NODULE	MOTTLED, TGL2
	LOBE, LEFT	NODULE	MOTTLED, TGL4
	LOBE, MEDIAN	NODULE	MOTTLED, TGL3
Observation Comment: 7 X 6 X 6 mm			
Observation Comment: 5 X 3 X 3 mm			
Observation Comment: 5 X 5 X 3 mm			
Observation Comment: 5 X 5 X 5 mm			
[MASS TGLS = TGL5]			
[NODULE TGLS = TGL2]			
[NODULE TGLS = TGL4]			
[NODULE TGLS = TGL3]			
LUNG	LOBE, MIDDLE, RIGHT	NODULE	WHITE, TGL1, 1
Observation Comment: 3x3x1mm			
[NODULE TGLS = TGL1, 1]			

ANIMAL ID: 174	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700174

NO CORRELATING LESION	TO OBSERVATION / MASS

ANIMAL ID: 174	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700174

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	GALLBLADDER
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	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA

No Section Present

MAMMARY GLAND

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
HARDERIAN GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 6-10, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; WHITE; TGL6, 1]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
		MIXED CELL FOCUS	
		MULTINUCLEATED HEPATOCYTE	MINIMAL
Tissue Comment: TGL 2-13, TGL 3-14, TGL 4-15, TGL 5-16			
[HEPATOCELLULAR ADENOMA TGLS = TGL5-16, TGL2-13, TGL3-14, Gross Finding = LIVER; CAUDATE LOBE; NODULE; MOTTLED; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL5-16, TGL2-13, TGL3-14, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL5]			
[HEPATOCELLULAR ADENOMA TGLS = TGL5-16, TGL2-13, TGL3-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL3]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-15, Gross Finding = LIVER; LOBE, LEFT; NODULE; MOTTLED; TGL4]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MODERATE
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 1-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; WHITE; TGL1, 1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
NOSE	NASOLACRIMAL DUCT	INFLAMMATION	SUPPURATIVE, MINIMAL

ANIMAL ID: 174	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700174

TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
	RETE TESTIS	DILATION	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MODERATE
		INFILTRATION CELLULAR	LYMPHOCYTE, MILD
	UROTHELIUM	PIGMENT	MILD

ANIMAL ID: 175	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700175

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	LEFT	ENLARGED	TAN, TGL5
Observation Comment: 2 X			
[ENLARGED TGLS = TGL5]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, LEFT	MASS	MOTTLED, TGL3
	LOBE, MEDIAN	MASS	MOTTLED, TGL4
	CAUDATE LOBE	NODULE	MOTTLED, TGL1
Observation Comment: 20 X 13 X 12 mm			
Observation Comment: 14 X 10 X 6 mm			
Observation Comment: 18 X 18 X 5 mm			
Observation Comment: 5 X 5 X 2 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL4]			
[NODULE TGLS = TGL1]			

ANIMAL ID: 175	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700175

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	PARATHYROID GLAND	PITUITARY GLAND
THYMUS			

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MINIMAL
HARDERIAN GLAND		ADENOMA	
		HYPERPLASIA	MODERATE
[ADENOMA TGLS = TGL 5-10, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; TAN; TGL5]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		EOSINOPHILIC FOCUS	MULTIPLE
		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL
Tissue Comment: TGL 1-14, TGL 2-15, TGL 3-16, TGL 4-17			
[EOSINOPHILIC FOCUS TGLS = TGL1-14, Gross Finding = LIVER; CAUDATE LOBE; NODULE; MOTTLED; TGL1]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-17, TGL2-15, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-17, TGL2-15, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL3]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-17, TGL2-15, TGL3-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL4]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
	RETE TESTIS	DILATION	MINIMAL

ANIMAL ID: 176	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700176

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

HARDERIAN GLAND	LEFT	MASS	TAN, TGL3
Observation Comment: 8 X 6 X 4 mm			
[MASS TGLS = TGL3]			
KIDNEY	RIGHT	CYST	CLEAR, TGL1
Observation Comment: 1 mm dia			
[CYST TGLS = TGL1]			
LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL5
	LOBE, MEDIAN	NODULE	TAN, TGL6
		NODULE	TAN, TGL4
Observation Comment: 6 X 6 X 3 mm			
Observation Comment: 2 X 1 X 1 mm			
Observation Comment: Right Anterior Lobe; 3 X 2 X 2 mm			
[MASS TGLS = TGL5]			
[NODULE TGLS = TGL6]			
[NODULE TGLS = TGL4]			
LUNG	ACCESSORY LOBE	NODULE	WHITE, TGL2, 1
Observation Comment: 1 X 1 X 1 mm			
[NODULE TGLS = TGL2, 1]			
LYMPH NODE, MESENTERIC		ENLARGED	RED, TGL7

ANIMAL ID: 176	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700176

Observation Comment: 2X
[ENLARGED TGLS = TGL7]

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
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

HARDERIAN GLAND	BILATERAL	ADENOMA	
[ADENOMA TGLS = TGL 3-10, Gross Finding = HARDERIAN GLAND; LEFT; MASS; TAN; TGL3]			
KIDNEY	RENAL TUBULE	CYST	
[CYST TGLS = TGL 1-13, Gross Finding = KIDNEY; RIGHT; CYST; CLEAR; TGL1]			
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MILD
Tissue Comment: TGL 4-14, TGL 5-15, TGL 6-15			
[HEPATOCELLULAR ADENOMA TGLS = TGL5-15, TGL6-15, TGL4-14, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL5]			
[HEPATOCELLULAR ADENOMA TGLS = TGL5-15, TGL6-15, TGL4-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL6]			
[HEPATOCELLULAR ADENOMA TGLS = TGL5-15, TGL6-15, TGL4-14, Gross Finding = LIVER; NODULE; TAN; TGL4]			
LUNG		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 2-5, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; WHITE; TGL2, 1]			
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
[HYPERPLASIA TGLS = TGL 7-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; RED; TGL7]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL

ANIMAL ID: 177	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD542
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700177

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	LEFT	ENLARGED	WHITE, TGL2, 1
Observation Comment: 3 X			
[ENLARGED TGLS = TGL2, 1]			
LIVER	LOBE, MEDIAN	NODULE	PALE, TGL3
Observation Comment: 2 X 2 X 1 mm, found at trim			
[NODULE TGLS = TGL3]			
LUNG		NODULE	WHITE, TGL1, 1
Observation Comment: Right caudal lobe; 2 X 2 X 2 mm			
[NODULE TGLS = TGL1, 1]			

ANIMAL ID: 177	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD542
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700177

HISTOPATH TISSUE STATUS

Within Normal Limits

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

Autolysis Precludes Examination

GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM			

No Section Present

MAMMARY GLAND	PARATHYROID GLAND	PITUITARY GLAND

OBSERVATIONS

HARDERIAN GLAND	ADENOMA	
[ADENOMA TGLS = TGL 2-10, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; WHITE; TGL2, 1]		
LIVER	EOSINOPHILIC FOCUS	
	FATTY CHANGE	DIFFUSE, MINIMAL
	MULTINUCLEATED HEPATOCYTE	MINIMAL
Tissue Comment: TGL 3 -6		
[EOSINOPHILIC FOCUS TGLS = TGL3, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; PALE; TGL3]		
LUNG	ALVEOLAR/BRONCHIOLAR ADENOMA	
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 1-5, Gross Finding = LUNG; NODULE; WHITE; TGL1, 1]		

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- LUNG; ALVEOLAR/BRONCHIOLAR ADENOMA

Animal Note: Broken teeth present but not pathologically correlated

ANIMAL ID: 178	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD625
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700178

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	CAUDATE LOBE	MASS	MOTTLED, TGL2
	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, LEFT	NODULE	MOTTLED, TGL3
	LOBE, MEDIAN	NODULE	TWO, TGL4, 1

Observation Comment: 6x6x4mm
Observation Comment: 10x10x8mm
Observation Comment: 3x3x3mm
Observation Comment: 3x3x3mm; found at recut search
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]
[NODULE TGLS = TGL3]
[NODULE TGLS = TGL4, 1]

NO CORRELATE — TO OBSERVATION / MASS

ANIMAL ID: 178	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD625
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700178

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	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, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND		

No Section Present

GALLBLADDER	TRACHEA

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MINIMAL
HARDERIAN GLAND	BILATERAL	ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY	PELVIS	INFLAMMATION	SUPPURATIVE, MARKED
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-15, TGL 4-16

[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, TGL4-16, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, TGL4-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TWO; TGL4, 1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-15, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-15, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; NODULE; MOTTLED; TGL3]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MILD
PROSTATE		INFLAMMATION	SUPPURATIVE, MILD
SEMINAL VESICLE		DILATION	MILD
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
URINARY BLADDER		INFLAMMATION	CHRONIC-ACTIVE, MARKED

CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

ANIMAL ID: 179	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700179

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
		MASS	MOTTLED, TGL2
		NODULE	TAN, TGL3
Observation Comment: 26 X 11 X 11 mm			
Observation Comment: Caudate Lobe; 6 X 6 X 5 mm			
Observation Comment: Right Anterior Lobe; 5 X 4 X 4 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL3]			
PROSTATE		SMALL	TGL4
Observation Comment: 0.1X			
[SMALL TGLS = TGL4]			
THYMUS		SMALL	TGL5
Observation Comment: 0.1 X			
[SMALL TGLS = TGL5]			

ANIMAL ID: 179	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700179

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
SALIVARY GLAND	SEMINAL VESICLE	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA

No Section Present

LYMPH NODE, MEDIASTINAL

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MILD
	DUCT	EXFOLIATED GERM CELL	MINIMAL
		HYPOSPERMIA	MILD
KIDNEY	PELVIS	INFLAMMATION	SUPPURATIVE, MARKED
LARYNX	GLAND	INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		BASOPHILIC FOCUS	MULTIPLE
		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-15

[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, TGL2-14, Gross Finding = LIVER; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, TGL2-14, Gross Finding = LIVER; NODULE; TAN; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
PROSTATE		INFLAMMATION	SUPPURATIVE, MINIMAL
		NO CORRESPONDING LESION	

[NO CORRESPONDING LESION TGLS = TGL 4-11, Gross Finding = PROSTATE; SMALL; TGL4]

TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
THYMUS		ATROPHY	MODERATE

[ATROPHY TGLS = TGL 5-9, Gross Finding = THYMUS; SMALL; TGL5]

ANIMAL ID: 179	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700179

URINARY BLADDER	INFLAMMATION	SUPPURATIVE, MODERATE

ANIMAL ID: 180	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700180

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

EYE
Tissue Comment: Right Eye missing at necropsy

HARDERIAN GLAND	RIGHT	MASS	TAN, TGL5

Observation Comment: 9 X 9 X 6 mm
[MASS TGLS = TGL5]

LIVER	LOBE, MEDIAN	MASS	TAN, TGL1
	LOBE, LEFT	NODULE	RED, TWO, TGL4, 2
	LOBE, LEFT	NODULE	TAN, TGL6
	LOBE, MEDIAN	NODULE	RED, TGL2
		NODULE	RED, TGL3

Observation Comment: 6 X 5 X 1 mm
Observation Comment: 3 X 3 X 1 mm
Observation Comment: 4 X 4 X 4 mm
Observation Comment: 3 X 3 X 1 mm
Observation Comment: Caudate Lobe; 5 X 4 X 2 mm
[MASS TGLS = TGL1]
[NODULE TGLS = TGL4, 2]
[NODULE TGLS = TGL6]

ANIMAL ID: 180	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700180

[NODULE TGLS = TGL2]
[NODULE TGLS = TGL3]

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

EYE

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 5-19, Gross Finding = HARDERIAN GLAND; RIGHT; MASS; TAN; TGL5]			
LARYNX	GLAND	INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		EOSINOPHILIC FOCUS	MULTIPLE
		HEPATOCELLULAR ADENOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MILD
Tissue Comment: TGL 1-15, TGL 3-17, TGL 2-16, TGL 4-18, TGL 6-20			
[HEPATOCELLULAR ADENOMA TGLS = TGL6-20, TGL2-16, TGL3-17, TGL4-18, TGL1-15, Gross Finding = LIVER; LOBE, LEFT; NODULE; RED, TWO; TGL4, 2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL6-20, TGL2-16, TGL3-17, TGL4-18, TGL1-15, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL6]			
[HEPATOCELLULAR ADENOMA TGLS = TGL6-20, TGL2-16, TGL3-17, TGL4-18, TGL1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL6-20, TGL2-16, TGL3-17, TGL4-18, TGL1-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; RED; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL6-20, TGL2-16, TGL3-17, TGL4-18, TGL1-15, Gross Finding = LIVER; NODULE; RED; TGL3]			
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
PREPUTIAL GLAND		CYST	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 181	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700181

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, LEFT	NODULE	TAN, TGL2
		NODULE	TAN, TGL3

Observation Comment: 14 X 12 X 10 mm
Observation Comment: 4 X 3 X 3 mm
Observation Comment: Right Posterior Lobe; 3 X 3 X 2 mm
[MASS TGLS = TGL1]
[NODULE TGLS = TGL2]
[NODULE TGLS = TGL3]

ANIMAL ID: 181	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700181

HISTOPATH TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
HARDERIAN GLAND		HYPERPLASIA	MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 1-13, TGL 2-6, TGL 3-14

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL3-14, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL3-14, Gross Finding = LIVER; NODULE; TAN; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MODERATE
		INFILTRATION CELLULAR	LYMPHOCYTE, MILD

ANIMAL ID: 182	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700182

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	RIGHT	MASS	RED, TGL2
Observation Comment: 12x12x9mm			
[MASS TGLS = TGL2]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	TAN, TGL3
	RIGHT	MASS	TAN, TGL4
Observation Comment: 23x19x16mm; Median liver lobe adhered to TGL1			
Observation Comment: 11x8x8mm			
Observation Comment: Posterior; 9x9x7mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL4]			

ANIMAL ID: 182	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700182

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	GALLBLADDER	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, 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	THYROID GLAND
TRACHEA	URINARY BLADDER		

No Section Present

LYMPH NODE, MEDIASTINAL	THYMUS

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MINIMAL
EYE	CORNEA	HYPERPLASIA	SQUAMOUS, MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		HEPATOCELLULAR CARCINOMA	METASTATIC
[HEPATOCELLULAR CARCINOMA TGLS = TGL 2-13, Gross Finding = KIDNEY; RIGHT; MASS; RED; TGL2]			
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 1-14, TGL 3-15, TGL 4-16			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, TGL4-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, TGL4-16, Gross Finding = LIVER; RIGHT; MASS; TAN; TGL4]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-14, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
LUNG		HEMORRHAGE	MODERATE
		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MODERATE
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MILD
	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD

ANIMAL ID: 183	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD657
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700183

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	RED, TGL1
Observation Comment: 30 X 25 X 10 mm			
[MASS TGLS = TGL1]			
SPLEEN		ENLARGED	PALE, TGL2
Observation Comment: 30 X 12 X 10 mm; found at trim			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 183	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD657
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700183

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
ESOPHAGUS	EYE	GALLBLADDER	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, ILEUM	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	SKIN	THYMUS
THYROID GLAND			

Autolysis Precludes Examination

EPIDIDYMIS	INTESTINE, LARGE, COLON	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM
LARYNX	NOSE	PANCREAS	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	TRACHEA	URINARY BLADDER

OBSERVATIONS

BRAIN	CEREBELLUM	HEMORRHAGE	MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; RED; TGL1]			
LUNG		HEMORRHAGE	MARKED
		HEPATOCELLULAR CARCINOMA	METASTATIC
SPLEEN		HEMORRHAGE	MARKED
[HEMORRHAGE TGLS = TGL 2-6, Gross Finding = SPLEEN; ENLARGED; PALE; TGL2]			

CONTRIBUTORY CAUSE OF DEATH - SPLEEN; HEMORRHAGE

ANIMAL ID: 184	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700184

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL1
		MASS	MOTTLED, TGL3

Observation Comment: 18 X 16 X 12 mm
Observation Comment: 22 X 19 X 10 mm
Observation Comment: Caudate Lobe; 14 X 9 X 7 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]
[MASS TGLS = TGL3]

ANIMAL ID: 184	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700184

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	PITUITARY GLAND	PROSTATE	SALIVARY GLAND
SEMINAL VESICLE	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MILD
HARDERIAN GLAND		ADENOCARCINOMA	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 1-6, TGL 1-13, TGL 2-15, TGL 3-16

[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-16, TGL2-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-16, TGL2-15, Gross Finding = LIVER; MASS; MOTTLED; TGL3]

LUNG		HEMORRHAGE	MARKED
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
NOSE	NASOLACRIMAL DUCT	INFLAMMATION	SUPPURATIVE, MILD
PREPUTIAL GLAND		CYST	
		INFLAMMATION	SUPPURATIVE, MODERATE
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 185	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700185

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	CAUDATE LOBE	NODULE	MOTTLED, TGL3
		NODULE	MOTTLED, TGL4

Observation Comment: 17 X 13 X 9 mm
Observation Comment: 23 X 11 X 11 mm
Observation Comment: 4 X 4 X 2 mm
Observation Comment: Right Posterior Lobe; 4 X 4 X 2 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]
[NODULE TGLS = TGL3]
[NODULE TGLS = TGL4]

LUNG	RIGHT LOBE, CRANIAL	NODULE	WHITE, TGL5, 1
		NODULE	WHITE, TGL6, 1

Observation Comment: 3 X 3 X 2 mm
Observation Comment: Right Caudal Lobe; 3 X 2 X 1 mm
[NODULE TGLS = TGL5, 1]
[NODULE TGLS = TGL6, 1]

ANIMAL ID: 185	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700185

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	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, MEDIASTINAL	THYMUS

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
		POLYARTERITIS NODOSA	MODERATE
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	
		NO CORRESPONDING LESION	

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-15, TGL 4-16

[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, Gross Finding = LIVER; NODULE; MOTTLED; TGL4]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]

[NO CORRESPONDING LESION TGLS = TGL3-15, TGL1-13, Gross Finding = LIVER; CAUDATE LOBE; NODULE; MOTTLED; TGL3]

[NO CORRESPONDING LESION TGLS = TGL3-15, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
		ALVEOLAR/BRONCHIOLAR CARCINOMA	
		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED

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

[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL6-5, Gross Finding = LUNG; NODULE; WHITE; TGL6, 1]

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL5-5, Gross Finding = LUNG; RIGHT LOBE, CRANIAL; NODULE; WHITE; TGL5, 1]

LYMPH NODE, MESENTERIC		INFLAMMATION	GRANULOMATOUS, MARKED

ANIMAL ID: 185	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700185

SEMINAL VESICLE	EPITHELIUM	HYPERPLASIA	MINIMAL
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MILD
	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD

ANIMAL ID: 186	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700186

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
		MASS	MOTTLED, TGL2
Observation Comment: 30 X 24 X 15 mm			
Observation Comment: Right Anterior Lobe; 9 X 6 X 6 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
LUNG	RIGHT LOBE	NODULE	WHITE, TGL4, 1
Observation Comment: Caudal; 4 X 4 X 2 mm; Found at trim			
[NODULE TGLS = TGL4, 1]			
LYMPH NODE, MESENTERIC		ENLARGED	DARK, TGL5
Observation Comment: 3X; Found at trim			
[ENLARGED TGLS = TGL5]			
SKIN		MASS	TAN, TGL3
Observation Comment: Perianal; 11 X 11 X 8 mm			
[MASS TGLS = TGL3]			

ANIMAL ID: 186	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700186

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

MAMMARY GLAND

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MINIMAL
		INFLAMMATION	GRANULOMATOUS, MILD
HARDERIAN GLAND		ADENOCARCINOMA	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	
		NECROSIS	MILD

Tissue Comment: TGL 1-13, TGL 2-14

[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, Gross Finding = LIVER; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		ALVEOLAR/BRONCHIOLAR CARCINOMA	
		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MODERATE

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 4-5, Gross Finding = LUNG; RIGHT LOBE; NODULE; WHITE; TGL4, 1]

LYMPH NODE, MESENTERIC		INFLAMMATION	GRANULOMATOUS, MARKED

[INFLAMMATION TGLS = TGL 5-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; DARK; TGL5]

NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
PROSTATE	EPITHELIUM	HYPERPLASIA	MINIMAL
SKIN		PLEOMORPHIC FIBROSARCOMA	

ANIMAL ID: 186	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700186

[PLEOMORPHIC FIBROSARCOMA TGLS = TGL 3-15, Gross Finding = SKIN; MASS; TAN; TGL3]

TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
	SEMINIFEROUS TUBULE	DILATION	MINIMAL

ANIMAL ID: 187	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD680
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700187

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
Observation Comment: 10x8x6mm			
[MASS TGLS = TGL1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 187	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD680
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700187

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

PARATHYROID GLAND	PREPUTIAL GLAND	THYMUS	

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	EXFOLIATED GERM CELL	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, DUODENUM		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
		NECROSIS	MODERATE
		ULCER	MODERATE
LARYNX	GLAND	INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MILD
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
LYMPH NODE, MESENTERIC		HEMORRHAGE	MILD
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MILD
	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- INTESTINE, SMALL, DUODENUM; ULCER

ANIMAL ID: 188	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD603
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700188

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	PELVIS, RIGHT	DILATION	TGL6
Observation Comment: 3x3x2mm; found at trim			
[DILATION TGLS = TGL6]			
LIVER	RIGHT	NODULE	WHITE, TGL4, 1
Observation Comment: Anterior; 5x5x1mm; found at trim			
[NODULE TGLS = TGL4, 1]			
LUNG	ACCESSORY LOBE	NODULE	DARK, ONE, 1, TGL1
	LOBE, MIDDLE, RIGHT	NODULE	DARK, TWO, TGL3, 2
	RIGHT, CRANIAL	NODULE	DARK, ONE, 1, TGL2
Observation Comment: 2x2x2mm; found at trim			
Observation Comment: 1x1x1mm; found at trim			
[NODULE TGLS = 1, TGL1]			
[NODULE TGLS = TGL3, 2]			
[NODULE TGLS = 1, TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
URINARY BLADDER	LUMEN	NODULE	WHITE, TGL5, 1
Observation Comment: 3x2x2mm; found at trim			
[NODULE TGLS = TGL5, 1]			

ANIMAL ID: 188	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD603
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700188

HISTOPATH TISSUE STATUS

Within Normal Limits

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

No Section Present

MAMMARY GLAND	THYMUS

OBSERVATIONS

HEART	MYOCARDIUM	INFLAMMATION	SUPPURATIVE, MARKED
	VALVE	THROMBUS	
KIDNEY	PELVIS	DILATION	MARKED
	RENAL TUBULE	INFLAMMATION	SUPPURATIVE, MILD
	RENAL TUBULE	NECROSIS	MILD
[DILATION TGLS = TGL 6-7, Gross Finding = KIDNEY; PELVIS, RIGHT; DILATION; TGL6]			
LIVER		BASOPHILIC FOCUS	
		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MILD
[HEPATOCELLULAR ADENOMA TGLS = TGL 4-13, Gross Finding = LIVER; RIGHT; NODULE; WHITE; TGL4, 1]			
LUNG		HEMORRHAGE	MARKED
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
		NO CORRESPONDING LESION	
Tissue Comment: TGL 1-5, TGL 2-5, TGL 3-5			
[HEMORRHAGE TGLS = TGL3-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; DARK, TWO; TGL3, 2]			
[HYPERPLASIA TGLS = TGL2-5, Gross Finding = LUNG; RIGHT, CRANIAL; NODULE; DARK, ONE; 1, TGL2]			
[NO CORRESPONDING LESION TGLS = TGL1-5, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; DARK, ONE; 1, TGL1]			
PREPUTIAL GLAND		FIBROSIS	MODERATE
		INFLAMMATION	SUPPURATIVE, MODERATE

ANIMAL ID: 188	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD603
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700188

URINARY BLADDER — PAPILLOMA

[PAPILLOMA TGLS = TGL 5-7, Gross Finding = URINARY BLADDER; LUMEN; NODULE; WHITE; TGL5, 1]

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- HEART; INFLAMMATION; MYOCARDIUM; SUPPURATIVE

ANIMAL ID: 189	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD563
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700189

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	FOCUS	TAN, TWO, TGL3, 2
	RIGHT	FOCUS	WHITE, TGL4, 1
	LOBE, MEDIAN	MASS	MOTTLED, RED, 1, TGL1
	LOBE, MEDIAN	NODULE	TAN, TGL2

Observation Comment: up to 1x1mm
Observation Comment: Posterior; 2x2mm; found at trim
Observation Comment: 23x16x15mm
Observation Comment: 2x2x2mm
[FOCUS TGLS = TGL3, 2]
[FOCUS TGLS = TGL4, 1]
[MASS TGLS = 1, TGL1]
[NODULE TGLS = TGL2]

ANIMAL ID: 189	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD563
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700189

HISTOPATH TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
KIDNEY	CYTOPLASMIC, RENAL TUBULE	VACUOLATION	MILD
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR CARCINOMA	
		MULTINUCLEATED HEPATOCYTE	MILD
		NECROSIS	MODERATE

Tissue Comment: TGL 1-13, TGL 2-14, TGL 4-14, TGL 3-15

[FATTY CHANGE TGLS = TGL3-15, Gross Finding = LIVER; LOBE, LEFT; FOCUS; TAN, TWO; TGL3, 2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED, RED; 1, TGL1]

[NECROSIS TGLS = TGL2-14, TGL4-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL2]

[NECROSIS TGLS = TGL2-14, TGL4-14, Gross Finding = LIVER; RIGHT; FOCUS; WHITE; TGL4, 1]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 190	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD609
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700190

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	DARK, TGL1
Observation Comment: 21x17x11mm			
[MASS TGLS = TGL1]			
STOMACH, FORESTOMACH		MASS	WHITE, TGL2, 1
Observation Comment: 6x5x2mm; found at trim			
[MASS TGLS = TGL2, 1]			

ANIMAL ID: 190	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD609
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700190

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	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	SKIN	SPLEEN	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA

Autolysis Precludes Examination

URINARY BLADDER

OBSERVATIONS

LIVER	HEPATOCELLULAR CARCINOMA	
	NECROSIS	MODERATE
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL1]		
STOMACH, FORESTOMACH	PAPILLOMA	
[PAPILLOMA TGLS = TGL 2-8, Gross Finding = STOMACH, FORESTOMACH; MASS; WHITE; TGL2, 1]		

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 191	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD641
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700191

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER
ZYMBALS GLAND			

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	TAN, TGL2
Observation Comment: 8 X 7 X 3 mm			
[MASS TGLS = TGL2]			
LYMPH NODE, MESENTERIC		ENLARGED	DARK, TGL3
Observation Comment: 4 X			
[ENLARGED TGLS = TGL3]			
SKIN		NODULE	DARK, TGL1
Observation Comment: Tail; 4 X 4 X 3 mm			
[NODULE TGLS = TGL1]			
STOMACH, FORESTOMACH			
Tissue Comment: stomach and spleen were encased in membrane (presumed abnormal omentum); glandular vs fore stomach not clarified at necropsy			
STOMACH, GLANDULAR		NODULE	DARK, TGL4
Observation Comment: 4 X 3 X 2 mm; stomach and spleen were encased in membrane (presumed abnormal omentum); glandular vs fore stomach not clarified at necropsy			
[NODULE TGLS = TGL4]			

ANIMAL ID: 191	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD641
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700191

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	HEART
KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
NOSE	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLAND	SEMINAL VESICLE	THYROID GLAND	TRACHEA

Autolysis Precludes Examination

EPIDIDYMIS	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	PANCREAS
SPLEEN	STOMACH, FORESTOMACH	TESTIS	URINARY BLADDER

No Section Present

GALLBLADDER	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PARATHYROID GLAND	THYMUS		

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 2-14, TGL 3-13			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-13, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; DARK; TGL3]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
		THROMBUS	
SKIN		INFLAMMATION	SUPPURATIVE, MARKED
[INFLAMMATION TGLS = TGL 1-15, Gross Finding = SKIN; NODULE; DARK; TGL1]			
STOMACH, GLANDULAR		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 4-8, Gross Finding = STOMACH, GLANDULAR; NODULE; DARK; TGL4]			

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

ANIMAL ID: 192	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD528
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700192

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	FOCUS	PALE, TWO, TGL3, 2
	LOBE, LEFT	MASS	RED, TGL2
Observation Comment: up to 2x2mm			
Observation Comment: 18x14x9mm			
[FOCUS TGLS = TGL3, 2]			
[MASS TGLS = TGL2]			
SKIN	RIGHT, THORACIC	CRUST	DARK, FIVE, 1, TGL1
Observation Comment: up to 15x6mm			
[CRUST TGLS = 1, TGL1]			

ANIMAL ID: 192	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD528
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700192

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LUNG
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
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

No Section Present

PITUITARY GLAND

OBSERVATIONS

LIVER	HEPATOCELLULAR CARCINOMA	
	NECROSIS	MARKED

Tissue Comment: TGL 2-13, TGL 3-6

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-13, Gross Finding = LIVER; LOBE, LEFT; MASS; RED; TGL2]

[NECROSIS TGLS = TGL3-6, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; PALE, TWO; TGL3, 2]

SKIN	EROSION	MINIMAL

[EROSION TGLS = TGL 1-13, Gross Finding = SKIN; RIGHT, THORACIC; CRUST; DARK, FIVE; 1, TGL1]

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 193	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700193

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	NODULE	ONE, TAN, 1, TGL2
	LOBE, MEDIAN	NODULE	ONE, TAN, 1, TGL3
	LOBE, MEDIAN	NODULE	TAN, TWO, TGL1, 2
Observation Comment: 2 X 2 X 2 mm			
Observation Comment: 1 X 1 X 1 mm			
Observation Comment: 3 X 3 X 3mm			
[NODULE TGLS = 1, TGL2]			
[NODULE TGLS = 1, TGL3]			
[NODULE TGLS = TGL1, 2]			
STOMACH, FORESTOMACH		NODULE	WHITE, TGL4, 1
Observation Comment: 3 X 3 X 1 mm; Found at trim			
[NODULE TGLS = TGL4, 1]			

ANIMAL ID: 193	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700193

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

HARDERIAN GLAND	BILATERAL	HYPERPLASIA	MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		MIXED CELL FOCUS	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-15

[HEPATOCELLULAR ADENOMA TGLS = TGL1-13, TGL3-15, TGL2-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; ONE, TAN; 1, TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL1-13, TGL3-15, TGL2-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; ONE, TAN; 1, TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL1-13, TGL3-15, TGL2-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN, TWO; TGL1, 2]

[MIXED CELL FOCUS TGLS = TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN, TWO; TGL1, 2]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
STOMACH, FORESTOMACH		PAPILLOMA	

[PAPILLOMA TGLS = TGL 4-8, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL4, 1]

TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 194	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700194

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	LEFT	NODULE	TAN, TGL6
Observation Comment: 5 X 4 X 4 mm			
[NODULE TGLS = TGL6]			
LIVER	LOBE, MEDIAN	FOCUS	ONE, WHITE, TGL5, 2
	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	MOTTLED, TGL3
	LOBE, MEDIAN	MASS	MOTTLED, TGL2
		NODULE	MOTTLED, TGL4
Observation Comment: 2 X 2 mm			
Observation Comment: 10 X 10 X 8 mm			
Observation Comment: 6 X 6 x 5 mm			
Observation Comment: 8 X 8 X 5 mm			
Observation Comment: Caudate lobe; 3 X 2 X 1 mm			
[FOCUS TGLS = TGL5, 2]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL4]			

ANIMAL ID: 194	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700194

LUNG	LOBE, MIDDLE, RIGHT	FOCUS	TWO, WHITE, TGL7, 1, 2
Observation Comment: up to 2 X 1 mm			
[FOCUS TGLS = TGL7, 1, 2]			

HISTOPATH TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 6-10, Gross Finding = HARDERIAN GLAND; LEFT; NODULE; TAN; TGL6]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE	CYST	
LIVER		CLEAR CELL FOCUS	
		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		NO CORRESPONDING LESION	
Tissue Comment: TGL 1-13, TGL 2-14, TGL 3-6, TGL 5-16, TGL 4-15			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-6, TGL5-16, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; ONE, WHITE; TGL5, 2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL3-6, TGL5-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]			
[NO CORRESPONDING LESION TGLS = TGL4-15, Gross Finding = LIVER; NODULE; MOTTLED; TGL4]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 7-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; FOCUS; TWO, WHITE; TGL7, 1, 2]			
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 195	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD550
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700195

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	LEFT	ENLARGED	TGL4
	RIGHT	ENLARGED	TGL3
Observation Comment: 2 X			
[ENLARGED TGLS = TGL4]			
[ENLARGED TGLS = TGL3]			
LIVER		NODULE	TAN, TGL5
Observation Comment: Right Posterior Lobe; 4 X 3 X 1 mm. Found at trim.			
[NODULE TGLS = TGL5]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
PREPUTIAL GLAND	LEFT	MASS	MOTTLED, TGL1
Observation Comment: 10 X 5 X 5 mm; obstructed urinary tract, resulting in severely distended urinary bladder			
[MASS TGLS = TGL1]			
SKIN	VENTRAL, THORACIC	CRUST	DARK, TGL2
Observation Comment: 3 X 3 mm			
[CRUST TGLS = TGL2]			

ANIMAL ID: 195	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD550
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700195

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SEMINAL VESICLE
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA		

OBSERVATIONS

EPIDIDYMIS		INFLAMMATION	ACUTE, MINIMAL
KIDNEY	PELVIS	DILATION	MODERATE
Tissue Comment: TGL 3-7, TGL 4-7			
[DILATION TGLS = TGL3-7, TGL4-7, Gross Finding = KIDNEY; LEFT; ENLARGED; TGL4]			
[DILATION TGLS = TGL3-7, TGL4-7, Gross Finding = KIDNEY; RIGHT; ENLARGED; TGL3]			
LIVER		HEPATOCELLULAR ADENOMA	
		MULTINUCLEATED HEPATOCYTE	MINIMAL
[HEPATOCELLULAR ADENOMA TGLS = TGL 5-13, Gross Finding = LIVER; NODULE; TAN; TGL5]			
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
PREPUTIAL GLAND		INFLAMMATION	SUPPURATIVE, MODERATE
[INFLAMMATION TGLS = TGL 1-11, Gross Finding = PREPUTIAL GLAND; LEFT; MASS; MOTTLED; TGL1]			
PROSTATE		INFLAMMATION	SUPPURATIVE, MARKED
SKIN		HYPERKERATOSIS	MODERATE
[HYPERKERATOSIS TGLS = TGL 2-14, Gross Finding = SKIN; VENTRAL, THORACIC; CRUST; DARK; TGL2]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
	RETE TESTIS	DILATION	MINIMAL
URINARY BLADDER		INFLAMMATION	SUPPURATIVE, MINIMAL

Animal Note: Damaged tail is present but not pathologically correlated

ANIMAL ID: 196	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD477
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700196

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	DARK, TGL2
	LOBE, LEFT	MASS	DARK, TGL1
	LOBE, MEDIAN	MASS	DARK, TGL5
	RIGHT	MASS	DARK, TGL4
	RIGHT	MASS	MOTTLED, TGL3

Observation Comment: 20x10x10mm; Liver = 5 largest noted more masses and nodules present
Observation Comment: 20x15x15mm; Liver = 5 largest noted more masses and nodules present
Observation Comment: 15x10x10mm; Liver = 5 largest noted more masses and nodules present
Observation Comment: Anterior; 18x15x15mm; Liver = 5 largest noted more masses and nodules present
Observation Comment: Posterior; 18x15x15mm; Liver = 5 largest noted more masses and nodules present
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]
[MASS TGLS = TGL5]
[MASS TGLS = TGL4]
[MASS TGLS = TGL3]

LUNG	APICAL LOBE	MASS	TAN, TGL8
	LOBE, LEFT	MASS	TAN, TGL6
		MASS	TAN, TGL7

ANIMAL ID: 196	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD477
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700196

LOBE, LEFT	NODULE	TWO, WHITE, TGL9, 1, 2

Observation Comment: 7x7x7mm; Lung = 5 largest noted more masses and nodules present
Observation Comment: 9x9x7mm; Lung = 5 largest noted more masses and nodules present
Observation Comment: Diaphragmatic; 8x6x6mm; Lung = 5 largest noted more masses and nodules present
Observation Comment: up to 3x3x3mm; Lung = 5 largest noted more masses and nodules present
[MASS TGLS = TGL8]
[MASS TGLS = TGL6]
[MASS TGLS = TGL7]
[NODULE TGLS = TGL9, 1, 2]

ANIMAL ID: 196	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD477
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700196

HISTOPATH TISSUE STATUS

Within Normal Limits

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

Autolysis Precludes Examination

URINARY BLADDER

No Section Present

LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	PARATHYROID GLAND	PITUITARY GLAND
THYROID GLAND			

OBSERVATIONS

KIDNEY	PELVIS	INFLAMMATION	SUPPURATIVE, MARKED
LIVER		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 1-6, TGL 2-13, TGL 3-14, TGL 4-15, TGL 5-6

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-6, TGL3-14, TGL4-15, TGL2-13, TGL5-6, Gross Finding = LIVER; LOBE, LEFT; MASS; DARK; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-6, TGL3-14, TGL4-15, TGL2-13, TGL5-6, Gross Finding = LIVER; LOBE, LEFT; MASS; DARK; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-6, TGL3-14, TGL4-15, TGL2-13, TGL5-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL5]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-6, TGL3-14, TGL4-15, TGL2-13, TGL5-6, Gross Finding = LIVER; RIGHT; MASS; DARK; TGL4]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-6, TGL3-14, TGL4-15, TGL2-13, TGL5-6, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL3]

LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC

Tissue Comment: TGL 6-5, TGL 7-5, TGL 8-5, TGL 9-5

[HEPATOCELLULAR CARCINOMA TGLS = TGL9-5, TGL7-5, TGL6-5, TGL8-5, Gross Finding = LUNG; APICAL LOBE; MASS; TAN; TGL8]

[HEPATOCELLULAR CARCINOMA TGLS = TGL9-5, TGL7-5, TGL6-5, TGL8-5, Gross Finding = LUNG; LOBE, LEFT; MASS; TAN; TGL6]

[HEPATOCELLULAR CARCINOMA TGLS = TGL9-5, TGL7-5, TGL6-5, TGL8-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; TWO, WHITE; TGL9, 1, 2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL9-5, TGL7-5, TGL6-5, TGL8-5, Gross Finding = LUNG; MASS; TAN; TGL7]

NOSE	NASOLACRIMAL DUCT	INFLAMMATION	SUPPURATIVE, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LUNG; HEPATOCELLULAR CARCINOMA; METASTATIC

ANIMAL ID: 197	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700197

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	NODULE	MOTTLED, TGL2
Observation Comment: 9 X 9 X 8 mm			
Observation Comment: 3 X 3 X 3 mm			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL2]			
LUNG	ACCESSORY LOBE	NODULE	WHITE, TGL4, 1
	RIGHT LOBE	NODULE	WHITE, TGL3, 1
Observation Comment: 4 X 4 X 4 mm			
Observation Comment: Caudal; 5 X 5 X 4 mm			
[NODULE TGLS = TGL4, 1]			
[NODULE TGLS = TGL3, 1]			

ANIMAL ID: 197	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700197

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	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

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
		INFARCT	MILD
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
		MULTINUCLEATED HEPATOCYTE	MILD

Tissue Comment: TGL 1-13, TGL 2-14

[HEPATOCELLULAR ADENOMA TGLS = TGL2-14, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 3-5, TGL 4-5

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL4-5, TGL3-5, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; WHITE; TGL4, 1]

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL4-5, TGL3-5, Gross Finding = LUNG; RIGHT LOBE; NODULE; WHITE; TGL3, 1]

TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		INFILTRATION CELLULAR	LYMPHOCYTE, MILD

ANIMAL ID: 198	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700198

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND		MASS	WHITE, TGL2, 1
Observation Comment: unilateral; 8 X 5 X 3 mm; Found at trim			
[MASS TGLS = TGL2, 1]			
LIVER	LOBE, MEDIAN	NODULE	TAN, TGL1
Observation Comment: 5 X 3 X 1 mm; Found at trim			
[NODULE TGLS = TGL1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 198	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700198

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
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
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 2-10, Gross Finding = HARDERIAN GLAND; MASS; WHITE; TGL2, 1]			
INTESTINE, SMALL, ILEUM		CELLULARITY INCREASED	LYMPHOCYTE, MARKED
LIVER		HEPATOCELLULAR ADENOMA	
		MULTINUCLEATED HEPATOCYTE	MINIMAL
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MINIMAL
URINARY BLADDER		PAPILLOMA	

Animal Note: Damaged tail not present

ANIMAL ID: 199	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700199

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	MOTTLED, TGL2

Observation Comment: 19 X 10 X 8 mm
Observation Comment: 6 X 5 X 5 mm
[MASS TGLS = TGL1]
[MASS TGLS = TGL2]

ANIMAL ID: 199	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700199

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	SALIVARY GLAND	SEMINAL VESICLE	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA		

No Section Present

LYMPH NODE, MEDIASTINAL

OBSERVATIONS

EPIDIDYMIS	DUCT, BILATERAL	ATROPHY	MINIMAL
	DUCT, BILATERAL	EXFOLIATED GERM CELL	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		BASOPHILIC FOCUS	
		HEPATOCELLULAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 1-13, TGL 2-14

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-14, TGL1-13, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
	INTERSTITIUM	FIBROSIS	MINIMAL
		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
PROSTATE	EPITHELIUM	HYPERPLASIA	MINIMAL
TESTIS	GERMINAL EPITHELIUM, BILATERAL	DEGENERATION	MILD
	RETE TESTIS	DILATION	MINIMAL
URINARY BLADDER		INFLAMMATION	SUPPURATIVE, MINIMAL

ANIMAL ID: 200	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD383
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700200

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
		MASS	MOTTLED, TGL1
Observation Comment: 15 X 12 X 12 mm			
Observation Comment: Right Anterior Lobe; 28 X 23 X 17 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
SPLEEN		ENLARGED	TGL3
Observation Comment: 27 X 10 X 6 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 200	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD383
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700200

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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		

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
		MULTINUCLEATED HEPATOCYTE	MINIMAL

Tissue Comment: TGL 1-13, TGL 2-6

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-6, TGL1-13, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-6, TGL1-13, Gross Finding = LIVER; MASS; MOTTLED; TGL1]

LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD

[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 3-6, Gross Finding = SPLEEN; ENLARGED; TGL3]

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

ANIMAL ID: 401	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700201

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

ANIMAL ID: 402	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700202

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

ANIMAL ID: 403	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700203

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

ANIMAL ID: 404	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700204

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

ANIMAL ID: 405	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700205

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

ANIMAL ID: 406	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700206

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

ANIMAL ID: 408	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700208

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

ANIMAL ID: 409	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700209

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

ANIMAL ID: 410	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700210

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits			
EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits			
EPIDIDYMIS	TESTIS		
OBSERVATIONS			
URINARY BLADDER		INFILTRATION CELLULAR	MIXED CELL, MINIMAL

ANIMAL ID: 407R	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700207

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	URINARY BLADDER

OBSERVATIONS

TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

ANIMAL ID: 411	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700236

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 412	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700237

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS

OBSERVATIONS

TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
URINARY BLADDER		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 413	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700238

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 414	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700239

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 415	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700240

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 416	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700241

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS	URINARY BLADDER

ANIMAL ID: 417	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700242

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 418	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700243

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 419	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700244

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 420	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700245

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 421	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700271

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 422	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700272

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 423	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700273

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MILD
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 424	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700274

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 425	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700275

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 426	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700276

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS

OBSERVATIONS

TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 427	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700277

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 428	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700278

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 429	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700279

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MILD

ANIMAL ID: 430	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700280

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 431	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700306

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 432	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700307

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS

OBSERVATIONS

TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 433	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700308

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 434	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700309

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 435	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700310

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS

OBSERVATIONS

TESTIS	GERMINAL EPITHELIUM	ATROPHY	MODERATE
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 436	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700311

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 437	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700312

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 438	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700313

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 439	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700314

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 440	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Male	**REMOVAL DAY:** SD89
	SELECTION: Interim Males		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700315

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

EPIDIDYMIS - LEFT	EPIDIDYMIS - RIGHT	TESTIS - LEFT	TESTIS - RIGHT
URINARY BLADDER			

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	TESTIS

OBSERVATIONS

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		SINGLE CELL DEATH	MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL

ANIMAL ID: 201	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD394
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700366

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS

ANIMAL ID: 201	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD394
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700366

HISTOPATH TISSUE STATUS

Within Normal Limits			
ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NERVE, SCIATIC	NERVE, TRIGEMINAL	NOSE
OVARY	PANCREAS	PITUITARY GLAND	SALIVARY GLAND
SKELETAL MUSCLE - THIGH	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA
No Section Present			
PARATHYROID GLAND			

OBSERVATIONS			
KIDNEY	PAPILLA, EPITHELIUM	HYPERPLASIA	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
PRIMARY CAUSE OF DEATH	- UNDETERMINED		

ANIMAL ID: 202	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD688
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700367

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS

ANIMAL ID: 202	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD688
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700367

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	CLITORAL GLAND	ESOPHAGUS
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LUNG	LYMPH NODE, BRONCHIAL	MAMMARY GLAND	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA		

No Section Present

LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	OVARY	SALIVARY GLAND
THYMUS	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND		INFARCT	MILD
AORTA		POLYARTERITIS NODOSA	MINIMAL
BRAIN		POLYARTERITIS NODOSA	MINIMAL
EYE		POLYARTERITIS NODOSA	MINIMAL
HEART		CARDIOMYOPATHY	MILD
		POLYARTERITIS NODOSA	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
		POLYARTERITIS NODOSA	MINIMAL
LARYNX		POLYARTERITIS NODOSA	MINIMAL
LIVER		NECROSIS	MILD
		POLYARTERITIS NODOSA	MINIMAL
LYMPH NODE, MESENTERIC		POLYARTERITIS NODOSA	MODERATE
NOSE		POLYARTERITIS NODOSA	MINIMAL
SKIN		ULCER	MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
URINARY BLADDER		INFLAMMATION	CHRONIC-ACTIVE, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

PRIMARY CAUSE OF DEATH - UNDETERMINED

ANIMAL ID: 203	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700368

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

PITUITARY GLAND	CYST	CLEAR, TGL1
Observation Comment: 1 mm dia		
[CYST TGLS = TGL1]		

ANIMAL ID: 203	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700368

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	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	KIDNEY	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

No Section Present

CLITORAL GLAND	GALLBLADDER	LYMPH NODE, MANDIBULAR	

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
Tissue Comment: TGL 1-16			
[ADENOMA TGLS = TGL 1-16, Gross Finding = PITUITARY GLAND; CYST; CLEAR; TGL1]			
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 204	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700369

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LYMPH NODE	RENAL	ENLARGED	TAN, TGL1
Observation Comment: 4 X			
[ENLARGED TGLS = TGL1]			
MESENTERY		NODULE	WHITE, TGL3, 1
Observation Comment: Fat; up to 4 X 3 X 2 mm; multiple			
[NODULE TGLS = TGL3, 1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
OVARY	RIGHT	MASS	MOTTLED, TGL2
Observation Comment: 12 X 10 X 3 mm			
[MASS TGLS = TGL2]			

ANIMAL ID: 204	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700369

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	CLITORAL GLAND
ESOPHAGUS	EYE	GALLBLADDER	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	MALIGNANT
Tissue Comment: TGL 1-16			
[PHEOCHROMOCYTOMA TGLS = TGL 1-16, Gross Finding = LYMPH NODE; RENAL; ENLARGED; TAN; TGL1]			
BRAIN		POLYARTERITIS NODOSA	MILD
HEART		CARDIOMYOPATHY	MILD
		POLYARTERITIS NODOSA	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
		POLYARTERITIS NODOSA	MILD
LARYNX		POLYARTERITIS NODOSA	MINIMAL
LYMPH NODE, MEDIASTINAL		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
MESENTERY	ADIPOSE TISSUE	NECROSIS	
Tissue Comment: TGL 3-17			
[NECROSIS TGLS = TGL 3-17, Gross Finding = MESENTERY; NODULE; WHITE; TGL3, 1]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
OVARY		CYST	BURSAL
		CYST	
		HYPERPLASIA	TUBULOSTROMAL, MINIMAL
		INFLAMMATION	GRANULOMATOUS, MARKED
		PIGMENT	MODERATE
Tissue Comment: TGL 2-12			
[CYST TGLS = TGL 2-12, Gross Finding = OVARY; RIGHT; MASS; MOTTLED; TGL2]			
PANCREAS	ACINUS	INFLAMMATION	CHRONIC-ACTIVE, MODERATE
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 204	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700369

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 205	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD628
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700370

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

SKIN	HEAD	MASS	MOTTLED, TGL2
Observation Comment: 22x16x5mm; TGL 2 = ulcerated			
[MASS TGLS = TGL2]			
UTERUS	LEFT	DILATION	CLEAR, TGL1
Observation Comment: horn; 6mm dia			
[DILATION TGLS = TGL1]			

ANIMAL ID: 205	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD628
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700370

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

Autolysis Precludes Examination

URINARY BLADDER

No Section Present

CLITORAL GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 2-15, Gross Finding = SKIN; HEAD; MASS; MOTTLED; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
Tissue Comment: TGL 1-13, TGL 1-14			
[HYPERPLASIA TGLS = TGL1-13, Gross Finding = UTERUS; LEFT; DILATION; CLEAR; TGL1]			

CONTRIBUTORY CAUSE OF DEATH - SKIN; FIBROSARCOMA

ANIMAL ID: 206	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700371

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

UTERUS	DILATION	TGL1

Observation Comment: Right horn; 10 X 7 X 5 mm

[DILATION TGLS = TGL1]

ANIMAL ID: 206	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700371

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	GALLBLADDER	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
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

OVARY

OBSERVATIONS

ADRENAL GLAND		ANGIECTASIS	FOCAL, MINIMAL
EYE	LENS	CATARACT	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS		DILATION	MINIMAL
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

Tissue Comment: TGL 1-13, TGL 1-14

[DILATION TGLS = TGL1-13, Gross Finding = UTERUS; DILATION; TGL1]

ANIMAL ID: 207	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD646
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700372

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

BONE	LEFT, RIB	MASS	TAN, TGL2
	RIGHT, RIB	MASS	TAN, TGL1

Observation Comment: 7x5x1mm; TGL 1 and 2 extend through the body wall and compress the lungs

Observation Comment: 13x10x6mm; TGL 1 and 2 extend through the body wall and compress the lungs

[MASS TGLS = TGL2]

[MASS TGLS = TGL1]

ANIMAL ID: 207	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD646
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700372

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	MAMMARY GLAND	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

BONE		FIBROSARCOMA	
Tissue Comment: TGL 1-15, TGL 2-16			
[FIBROSARCOMA TGLS = TGL2-16, TGL1-15, Gross Finding = BONE; LEFT, RIB; MASS; TAN; TGL2]			
[FIBROSARCOMA TGLS = TGL2-16, TGL1-15, Gross Finding = BONE; RIGHT, RIB; MASS; TAN; TGL1]			
LUNG	PLEURA	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, MEDIASTINAL		INFILTRATION CELLULAR	HISTIOCYTE, MINIMAL
LYMPH NODE, MESENTERIC		HEMORRHAGE	MILD
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
OVARY		ANGIECTASIS	MARKED
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- BONE; FIBROSARCOMA

ANIMAL ID: 208	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700373

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	RIGHT	NODULE	TAN, TGL2
Observation Comment: 6x4x4mm			
[NODULE TGLS = TGL2]			
LIVER	CAUDATE LOBE	NODULE	TAN, TGL1
Observation Comment: 6x5x4mm			
[NODULE TGLS = TGL1]			

ANIMAL ID: 208	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700373

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	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	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX

No Section Present

INTESTINE, LARGE, RECTUM

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 2-10, Gross Finding = HARDERIAN GLAND; RIGHT; NODULE; TAN; TGL2]			
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		INFLAMMATION	FOCAL, MINIMAL
Tissue Comment: TGL 1-16			
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-16, Gross Finding = LIVER; CAUDATE LOBE; NODULE; TAN; TGL1]			
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
VAGINA		INFLAMMATION	SUPPURATIVE, MINIMAL

ANIMAL ID: 209	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700374

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

ANIMAL ID: 209	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700374

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MARKED
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE	CYST	
LUNG	PERIVASCULAR	INFILTRATION CELLULAR	MONONUCLEAR CELL, MINIMAL
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 210	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD702
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700375

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	DARK, TGL1
Observation Comment: 25 X 25 X 15 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 210	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD702
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700375

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
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		

No Section Present

PITUITARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	
		NECROSIS	MILD

Tissue Comment: TGL 1-15

[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL1]

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 211	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700376

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	VAGINA

OBSERVATIONS

HARDERIAN GLAND		NODULE	WHITE, TGL4, 1
Observation Comment: Unilateral; 5 X 4 X 2 mm; Found at trim			
[NODULE TGLS = TGL4, 1]			
SKIN	DORSAL, THORACIC	MASS	TAN, TGL1
Observation Comment: 12 X 12 X 10 mm			
[MASS TGLS = TGL1]			
UTERUS		DILATION	CLEAR, TGL2
Observation Comment: Left Horn, 30 X 23 X 15 mm			
[DILATION TGLS = TGL2]			
ZYMBALS GLAND	LEFT	MASS	MOTTLED, TGL3
Observation Comment: 27 X 23 X 14 mm			
[MASS TGLS = TGL3]			

ANIMAL ID: 211	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700376

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	MAMMARY GLAND
OVARY	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND		ACCESSORY ADRENOCORTICAL NODULE	
HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 4-10, Gross Finding = HARDERIAN GLAND; NODULE; WHITE; TGL4, 1]			
HEART		CARDIOMYOPATHY	MINIMAL
LUNG	PERIVASCULAR	INFILTRATION CELLULAR	MONONUCLEAR CELL, MINIMAL
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MARKED
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PANCREAS	ACINUS	INFILTRATION CELLULAR	MONONUCLEAR CELL, MODERATE
SKIN		SCHWANNOMA	MALIGNANT, MULTIPLE
Tissue Comment: TGL 1-15, TGL 3-16			
Observation Comment: Zymbals gland not present in section, fibrosarcoma present on slide 16.			
[SCHWANNOMA TGLS = TGL1-15, TGL3-16, Gross Finding = SKIN; DORSAL, THORACIC; MASS; TAN; TGL1]			
[SCHWANNOMA TGLS = TGL1-15, TGL3-16, Gross Finding = ZYMBALS GLAND; LEFT; MASS; MOTTLED; TGL3]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
Tissue Comment: TGL 2-13, TGL 2-14			
[HYPERPLASIA TGLS = TGL2-13, Gross Finding = UTERUS; DILATION; CLEAR; TGL2]			

ANIMAL ID: 212	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700377

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
Observation Comment: 16 X 15 X 10 mm			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	TAN, TGL2
Observation Comment: 3 X, found at trim			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 212	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700377

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	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	UTERINE CERVIX	VAGINA

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
MAMMARY GLAND		HYPERPLASIA	LOBULOALVEOLAR, MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 2-9, Gross Finding = PITUITARY GLAND; ENLARGED; TAN; TGL2]			
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 213	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD673
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700378

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	VAGINA	ZYMBALS GLAND

OBSERVATIONS

KIDNEY	LEFT	DILATION	TGL7
	RIGHT	DILATION	TGL8

Observation Comment: 7 X 4 X 1 mm; found at trim
Observation Comment: 3 X 3 X 1 mm; found at trim
[DILATION TGLS = TGL7]
[DILATION TGLS = TGL8]

LIVER		ENLARGED	PALE, TGL1
	LOBE, LEFT	MASS	PALE, TGL5
	LOBE, MEDIAN	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	NODULE	PALE, TGL4
	LOBE, MEDIAN	NODULE	PALE, TGL3

Tissue Comment: Greater than 5 nodules or masses present in liver, largest 5 recorded
Observation Comment: 1.5 X; affects all lobes
Observation Comment: 8 X 8 X 5 mm, three
Observation Comment: 10 X 10 X 5 mm
Observation Comment: 5 X 3 X 1 mm
Observation Comment: 5 X 5 X 1 mm
[ENLARGED TGLS = TGL1]
[MASS TGLS = TGL5]

ANIMAL ID: 213	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD673
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700378

[MASS TGLS = TGL2]
[NODULE TGLS = TGL4]
[NODULE TGLS = TGL3]

NO CORRELATING LESION — TO OBSERVATION / MASS

UTERUS — MASS — BROWN, TGL6

Observation Comment: Body; 15 X 13 X 10 mm

[MASS TGLS = TGL6]

ANIMAL ID: 213	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD673
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700378

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MARKED
HEART		HISTIOCYTIC SARCOMA	
KIDNEY	RENAL TUBULE	HYALINE DROPLET ACCUMULATION	MARKED
	CYTOPLASMIC, RENAL TUBULE	VACUOLATION	MARKED

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

[VACUOLATION TGLS = TGL7-7, TGL8-7, Gross Finding = KIDNEY; LEFT; DILATION; TGL7]

[VACUOLATION TGLS = TGL7-7, TGL8-7, Gross Finding = KIDNEY; RIGHT; DILATION; TGL8]

LIVER		HEPATOCELLULAR CARCINOMA	
		HISTIOCYTIC SARCOMA	

Tissue Comment: TGL 1-6, TGL 2-17, TGL 3-15, TGL 4-16, TGL 5-18

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-17, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]

[HISTIOCYTIC SARCOMA TGLS = TGL2-17, TGL4-16, TGL1-6, TGL3-15, TGL5-18, Gross Finding = LIVER; ENLARGED; PALE; TGL1]

[HISTIOCYTIC SARCOMA TGLS = TGL2-17, TGL4-16, TGL1-6, TGL3-15, TGL5-18, Gross Finding = LIVER; LOBE, LEFT; MASS; PALE; TGL5]

[HISTIOCYTIC SARCOMA TGLS = TGL2-17, TGL4-16, TGL1-6, TGL3-15, TGL5-18, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]

[HISTIOCYTIC SARCOMA TGLS = TGL2-17, TGL4-16, TGL1-6, TGL3-15, TGL5-18, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; PALE; TGL3]

[HISTIOCYTIC SARCOMA TGLS = TGL2-17, TGL4-16, TGL1-6, TGL3-15, TGL5-18, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; PALE; TGL4]

LUNG		HISTIOCYTIC SARCOMA	
LYMPH NODE, BRONCHIAL		HISTIOCYTIC SARCOMA	
LYMPH NODE, MANDIBULAR		HEMORRHAGE	MILD
LYMPH NODE, MESENTERIC		HISTIOCYTIC SARCOMA	
OVARY		HISTIOCYTIC SARCOMA	
SPLEEN		HISTIOCYTIC SARCOMA	
UTERUS		HISTIOCYTIC SARCOMA	

ANIMAL ID: 213	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD673
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700378

ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

Tissue Comment: TGL 6-13, TGL 6-14

[HISTIOCYTIC SARCOMA TGLS = TGL6-13, Gross Finding = UTERUS; MASS; BROWN; TGL6]

CONTRIBUTORY CAUSE OF DEATH - HEART; HISTIOCYTIC SARCOMA

Animal Note: Wound on abdomen present but not pathologically correlated

ANIMAL ID: 214	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700379

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	LOBE, LEFT	NODULE	WHITE, TGL2, 1

Observation Comment: 22 X 18 X 11 mm
Observation Comment: 2 X 2 X 1 mm
[MASS TGLS = TGL1]
[NODULE TGLS = TGL2, 1]

ANIMAL ID: 214	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700379

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	MAMMARY GLAND
NOSE	PARATHYROID GLAND	PITUITARY GLAND	SKIN
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	UTERINE CERVIX
VAGINA			

OBSERVATIONS

BRAIN		LYMPHOMA	MALIGNANT
HARDERIAN GLAND		LYMPHOMA	MALIGNANT
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LARYNX		LYMPHOMA	MALIGNANT
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	
		LYMPHOMA	MALIGNANT

Tissue Comment: TGL 1-15, TGL 2-6

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; WHITE; TGL2, 1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]

LUNG		LYMPHOMA	MALIGNANT
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
OVARY		LYMPHOMA	MALIGNANT
PANCREAS	ACINUS	LYMPHOMA	MALIGNANT
SALIVARY GLAND		LYMPHOMA	MALIGNANT
SPLEEN		LYMPHOMA	MALIGNANT
STOMACH, FORESTOMACH		LYMPHOMA	MALIGNANT
THYMUS		LYMPHOMA	MALIGNANT
URINARY BLADDER		LYMPHOMA	MALIGNANT
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		LYMPHOMA	MALIGNANT

ANIMAL ID: 215	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700380

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

UTERUS	DILATION	TGL1

Observation Comment: Left Horn; up to 10 mm dia

[DILATION TGLS = TGL1]

ANIMAL ID: 215	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700380

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

Tissue Comment: TGL 1-13, TGL 1-14

[HYPERPLASIA TGLS = TGL1-13, Gross Finding = UTERUS; DILATION; TGL1]

ANIMAL ID: 216	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD701
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700381

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

ANIMAL ID: 216	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD701
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700381

HISTOPATH TISSUE STATUS

Within Normal Limits			
ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA
Autolysis Precludes Examination			
URINARY BLADDER			
No Section Present			
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR		

OBSERVATIONS			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		LYMPHOMA	MALIGNANT
MAMMARY GLAND		LYMPHOMA	MALIGNANT
NOSE	NASOLACRIMAL DUCT	INFLAMMATION	SUPPURATIVE, MINIMAL
OVARY		LYMPHOMA	MALIGNANT
SPLEEN		LYMPHOMA	MALIGNANT
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
		LYMPHOMA	MALIGNANT
PRIMARY CAUSE OF DEATH	- UNDETERMINED		
CONTRIBUTORY CAUSE OF DEATH	- LIVER; LYMPHOMA; MALIGNANT		

ANIMAL ID: 217	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700382

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LIVER	CAUDATE LOBE	FOCUS	WHITE, TGL5, 1
	LOBE, LEFT	FOCUS	WHITE, TGL2, 1
	LOBE, MEDIAN	NODULE	MOTTLED, TGL6
Observation Comment: up to 1 X 1 mm; multiple			
Observation Comment: 2 X 1 mm			
Observation Comment: 5 X 5 X 3 mm; TGL Found at trim			
[FOCUS TGLS = TGL5, 1]			
[FOCUS TGLS = TGL2, 1]			
[NODULE TGLS = TGL6]			
LYMPH NODE	LUMBAR	ENLARGED	TAN, TWO, TGL3, 2
	RENAL	ENLARGED	TAN, TWO, TGL4, 2
Observation Comment: 5 X			
[ENLARGED TGLS = TGL3, 2]			
[ENLARGED TGLS = TGL4, 2]			
LYMPH NODE, BRONCHIAL		ENLARGED	ONE, TAN, 1, TGL7
Observation Comment: 5 X;TGL found at trim			
[ENLARGED TGLS = 1, TGL7]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL8
Observation Comment: 3 X, found at trim			

ANIMAL ID: 217	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700382

[ENLARGED TGLS = TGL8]		
SPLEEN	MASS	MOTTLED, TGL1
Observation Comment: 12 X 12 X 12 mm		
[MASS TGLS = TGL1]		

ANIMAL ID: 217	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700382

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LYMPH NODE, MEDIASTINAL	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

BRAIN		POLYARTERITIS NODOSA	MINIMAL
KIDNEY		LYMPHOMA	MALIGNANT
LARYNX		POLYARTERITIS NODOSA	MINIMAL
LIVER		HEMANGIOSARCOMA	
		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 2-16, TGL 5-19, TGL 6-20			
[LYMPHOMA TGLS = TGL5-19, TGL6-20, TGL2-16, Gross Finding = LIVER; CAUDATE LOBE; FOCUS; WHITE; TGL5, 1]			
[LYMPHOMA TGLS = TGL5-19, TGL6-20, TGL2-16, Gross Finding = LIVER; LOBE, LEFT; FOCUS; WHITE; TGL2, 1]			
[LYMPHOMA TGLS = TGL5-19, TGL6-20, TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL6]			
LUNG		LYMPHOMA	MALIGNANT
LYMPH NODE	LUMBAR	LYMPHOMA	MALIGNANT
	RENAL	LYMPHOMA	MALIGNANT
		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 3-17, TGL 4-18			
[LYMPHOMA TGLS = TGL3-17, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; TAN, TWO; TGL3, 2]			
[LYMPHOMA TGLS = TGL4-18, Gross Finding = LYMPH NODE; RENAL; ENLARGED; TAN, TWO; TGL4, 2]			
[LYMPHOMA TGLS = TGL3-17, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; TAN, TWO; TGL3, 2]			
LYMPH NODE, BRONCHIAL		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 7-5, Gross Finding = LYMPH NODE, BRONCHIAL; ENLARGED; ONE, TAN; 1, TGL7]			
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 8-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL8]			
MAMMARY GLAND	DUCT	DILATION	MILD
		HYPERPLASIA	LOBULOALVEOLAR, MILD

ANIMAL ID: 217	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700382

		LYMPHOMA	MALIGNANT
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
		POLYARTERITIS NODOSA	MINIMAL
OVARY		LYMPHOMA	MALIGNANT
PANCREAS	ACINUS	LYMPHOMA	MALIGNANT
SPLEEN		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 1-6, TGL 1-15			
[LYMPHOMA TGLS = TGL1-6, Gross Finding = SPLEEN; MASS; MOTTLED; TGL1]			
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		LYMPHOMA	MALIGNANT
		POLYARTERITIS NODOSA	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
		LYMPHOMA	MALIGNANT

ANIMAL ID: 218	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700383

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

OVARY	RIGHT	CYST	CLEAR, TGL1
Observation Comment: 15 mm dia			
[CYST TGLS = TGL1]			

ANIMAL ID: 218	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700383

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LIVER	LUNG
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	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
OVARY		CYST	
[CYST TGLS = TGL 1-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL1]			
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 219	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700384

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LUNG	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
LYMPH NODE, BRONCHIAL		HYPERPLASIA	LYMPHOCYTE, MARKED
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 220	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700385

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

PITUITARY GLAND	ENLARGED	DARK, TGL1
Observation Comment: 4 X 4 X 3 mm		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 220	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700385

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

Artifact Precludes Examination

EYE

No Section Present

INTESTINE, LARGE, RECTUM

OBSERVATIONS

LIVER		TENSION LIPIDOSIS	MINIMAL
LYMPH NODE, BRONCHIAL		HYPERPLASIA	LYMPHOCYTE, MODERATE
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 1-9, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 221	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700386

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

ANIMAL ID: 221	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700386

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	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

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	PERIVASCULAR	INFILTRATION CELLULAR	MONONUCLEAR CELL, MINIMAL
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MILD
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	LYMPHOCYTE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	MILD
UTERUS		DILATION	MARKED
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 222	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD508
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700387

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	RIGHT	DISCOLORATION	TAN, TGL1
Observation Comment: anterior; 10x5mm			
[DISCOLORATION TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
PITUITARY GLAND		ENLARGED	MOTTLED, TGL2
Observation Comment: 7x7x5mm; TGL-2 displaced and compressed the brain dorsally			
[ENLARGED TGLS = TGL2]			
THYROID GLAND	BILATERAL	ENLARGED	DARK, TGL3
Observation Comment: 4x; found at trim			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 222	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD508
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700387

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TRACHEA
UTERINE CERVIX	UTERUS	VAGINA	

No Section Present

CLITORAL GLAND	LYMPH NODE, BRONCHIAL		

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-15, Gross Finding = LIVER; RIGHT; DISCOLORATION; TAN; TGL1]			
MAMMARY GLAND	DUCT	DILATION	MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 2-16, Gross Finding = PITUITARY GLAND; ENLARGED; MOTTLED; TGL2]			
THYROID GLAND	BILATERAL, FOLLICLE, EPITHELIUM	HYPERPLASIA	MARKED
Tissue Comment: TGL 3-7			
[HYPERPLASIA TGLS = TGL 3-7, Gross Finding = THYROID GLAND; BILATERAL; ENLARGED; DARK; TGL3]			
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 223	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700388

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	MASS	MOTTLED, TGL1
Observation Comment: Right Anterior Lobe; 24 X 17 X 12 mm		
[MASS TGLS = TGL1]		
UTERUS	DILATION	TGL2
Observation Comment: Right Horn; up to 10 mm dia		
[DILATION TGLS = TGL2]		

ANIMAL ID: 223	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700388

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LIVER; MASS; MOTTLED; TGL1]			
UTERUS		DILATION	MINIMAL
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
Tissue Comment: TGL 2-13			
[HYPERPLASIA TGLS = TGL 2-13, Gross Finding = UTERUS; DILATION; TGL2]			

ANIMAL ID: 224	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700389

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

MESENTERY	NODULE	TAN, TGL1
Observation Comment: Fat; 12 X 6 X 4 mm		
[NODULE TGLS = TGL1]		
UTERUS	DILATION	MOTTLED, TGL2
Observation Comment: Right Horn; 11 mm dia		
[DILATION TGLS = TGL2]		

ANIMAL ID: 224	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700389

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	PANCREAS	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

PARATHYROID GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		MIXED CELL FOCUS	
		TENSION LIPIDOSIS	MINIMAL
MAMMARY GLAND		HYPERPLASIA	LOBULOALVEOLAR, MINIMAL
MESENTERY	ADIPOSE TISSUE	NECROSIS	
[NECROSIS TGLS = TGL 1-15, Gross Finding = MESENTERY; NODULE; TAN; TGL1]			
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
OVARY		LUTEOMA	
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
THYROID GLAND	FOLLICLE	DILATION	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
Tissue Comment: TGL 2-13, TGL 2-14			
[HYPERPLASIA TGLS = TGL2-13, Gross Finding = UTERUS; DILATION; MOTTLED; TGL2]			

ANIMAL ID: 225	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700390

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

PITUITARY GLAND	ENLARGED	DARK, TGL1
Observation Comment: 4 X 4 X 3 mm		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 225	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700390

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
Tissue Comment: TGL 1-9			
[ADENOMA TGLS = TGL 1-9, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL1]			
THYROID GLAND	FOLLICLE	DILATION	MINIMAL
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 226	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD515
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700391

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
SKIN	RIGHT, HINDLIMB	DISCOLORATION	BLUE, TGL1
[DISCOLORATION TGLS = TGL1]			

ANIMAL ID: 226	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD515
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700391

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LUNG	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	UTERINE CERVIX
VAGINA			

Insufficient Tissue

URINARY BLADDER

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

BONE MARROW		ANGIECTASIS	MODERATE
LIVER		BASOPHILIC FOCUS	
SKIN		HYPERKERATOSIS	MINIMAL
[HYPERKERATOSIS TGLS = TGL 1-15, Gross Finding = SKIN; RIGHT, HINDLIMB; DISCOLORATION; BLUE; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 227	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700392

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
Observation Comment: 13 X 13 X 9 mm			
[MASS TGLS = TGL1]			
MESENTERY		NODULE	YELLOW, TGL4, 1
Observation Comment: Fat; 7 X 5 X 3 mm			
[NODULE TGLS = TGL4, 1]			
OVARY	LEFT	CYST	RED, TGL3
	RIGHT	CYST	CLEAR, TGL2
Observation Comment: 15 X 12 X 8 mm			
Observation Comment: 13 mm dia			
[CYST TGLS = TGL3]			
[CYST TGLS = TGL2]			

ANIMAL ID: 227	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700392

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	

OBSERVATIONS

HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
LUNG	PERIVASCULAR	INFILTRATION CELLULAR	MONONUCLEAR CELL, MINIMAL
LYMPH NODE, BRONCHIAL		HYPERPLASIA	LYMPHOCYTE, MODERATE
MESENTERY	ADIPOSE TISSUE	NECROSIS	
[NECROSIS TGLS = TGL 4-17, Gross Finding = MESENTERY; NODULE; YELLOW; TGL4, 1]			
OVARY		CYST	BURSAL
		CYSTADENOMA	
Tissue Comment: TGL 2-12, TGL 3-12			
[CYST TGLS = TGL2-12, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL2]			
[CYSTADENOMA TGLS = TGL3-12, Gross Finding = OVARY; LEFT; CYST; RED; TGL3]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
VAGINA		INFLAMMATION	SUPPURATIVE, MINIMAL

ANIMAL ID: 228	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD702
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700393

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

SKELETAL MUSCLE	LEFT, HINDLIMB	MASS	TAN, TGL1

Observation Comment: 35x20x20mm; TGL1 engulfs entire proximal hind limb extending from left lateral vertebral spine region distally to hock joint
[MASS TGLS = TGL1]

ANIMAL ID: 228	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD702
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700393

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC

OBSERVATIONS

KIDNEY	CYTOPLASMIC, RENAL TUBULE	VACUOLATION	MILD
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
SKELETAL MUSCLE		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-15, Gross Finding = SKELETAL MUSCLE; LEFT, HINDLIMB; MASS; TAN; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- SKELETAL MUSCLE; FIBROSARCOMA

ANIMAL ID: 229	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD590
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700394

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER		ENLARGED	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	TAN, TGL4
	LOBE, LEFT	NODULE	FOUR, TAN, 1, TGL3

Observation Comment: 2x; TGL2 affects all liver lobes; Greater than 5 masses or nodules in liver, largest 5 recorded
Observation Comment: 7x5x3mm; Greater than 5 masses or nodules in liver, largest 5 recorded
Observation Comment: 3x3x3mm; Greater than 5 masses or nodules in liver, largest 5 recorded
[ENLARGED TGLS = TGL2]
[MASS TGLS = TGL4]
[NODULE TGLS = 1, TGL3]

LYMPH NODE, MESENTERIC		ENLARGED	PALE, TGL5

Observation Comment: 4x; found at trim
[ENLARGED TGLS = TGL5]

UTERUS	LEFT	MASS	TAN, TGL1

Observation Comment: horn; 20x5x6mm
[MASS TGLS = TGL1]

ANIMAL ID: 229	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD590
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700394

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	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		

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY	RENAL TUBULE	HYALINE DROPLET ACCUMULATION	MODERATE
LIVER		HISTIOCYTIC SARCOMA	

Tissue Comment: TGL 2-15, TGL 2-16, TGL 3-15, TGL 4-16

[HISTIOCYTIC SARCOMA TGLS = TGL3-15, TGL4-16, TGL2-15, Gross Finding = LIVER; ENLARGED; MOTTLED; TGL2]

[HISTIOCYTIC SARCOMA TGLS = TGL3-15, TGL4-16, TGL2-15, Gross Finding = LIVER; LOBE, LEFT; NODULE; FOUR, TAN; 1, TGL3]

[HISTIOCYTIC SARCOMA TGLS = TGL3-15, TGL4-16, TGL2-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL4]

LUNG		HISTIOCYTIC SARCOMA	
LYMPH NODE, MESENTERIC		HISTIOCYTIC SARCOMA	

[HISTIOCYTIC SARCOMA TGLS = TGL 5-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; PALE; TGL5]

OVARY		HISTIOCYTIC SARCOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

Tissue Comment: TGL 1-13, TGL 1-14

[HYPERPLASIA TGLS = TGL1-13, Gross Finding = UTERUS; LEFT; MASS; TAN; TGL1]

CONTRIBUTORY CAUSE OF DEATH - LIVER; HISTIOCYTIC SARCOMA

ANIMAL ID: 230	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700395

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - RIGHT	LARYNX	LIVER
LUNG	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	RIGHT	ENLARGED	MOTTLED, TGL8
Observation Comment: 2 X			
[ENLARGED TGLS = TGL8]			
KIDNEY	LEFT	ENLARGED	MOTTLED, TGL7
Observation Comment: 2 X			
[ENLARGED TGLS = TGL7]			
LYMPH NODE	LUMBAR	ENLARGED	TAN, TGL4
	RENAL	ENLARGED	TAN, TGL5
Observation Comment: 10 X			
Observation Comment: 4 X			
[ENLARGED TGLS = TGL4]			
[ENLARGED TGLS = TGL5]			
LYMPH NODE, BRONCHIAL		ENLARGED	TAN, TGL9
Observation Comment: 3 X. Found at trim.			
[ENLARGED TGLS = TGL9]			
LYMPH NODE, MANDIBULAR		ENLARGED	TAN, TGL1
Observation Comment: 4X			
[ENLARGED TGLS = TGL1]			
LYMPH NODE, MEDIASTINAL		ENLARGED	TAN, TGL6
Observation Comment: 3X			

ANIMAL ID: 230	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700395

[ENLARGED TGLS = TGL6]		
LYMPH NODE, MESENTERIC	ENLARGED	TAN, TGL3
Observation Comment: 10 X		
[ENLARGED TGLS = TGL3]		
SPLEEN	ENLARGED	MOTTLED, TGL2
Observation Comment: 47 X 15 X 10 mm		
[ENLARGED TGLS = TGL2]		
STOMACH, FORESTOMACH	NODULE	WHITE, TGL10, 1
Observation Comment: 3 X 2 X 2 mm. Found at trim.		
[NODULE TGLS = TGL10, 1]		

ANIMAL ID: 230	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700395

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	MAMMARY GLAND	NOSE
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 8-9, Gross Finding = ADRENAL GLAND; RIGHT; ENLARGED; MOTTLED; TGL8]			
HARDERIAN GLAND		HYPERPLASIA	MILD
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, DUODENUM		LYMPHOMA	MALIGNANT
KIDNEY		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 7-20, Gross Finding = KIDNEY; LEFT; ENLARGED; MOTTLED; TGL7]			
LIVER		LYMPHOMA	MALIGNANT
LUNG		LYMPHOMA	MALIGNANT
LYMPH NODE	LUMBAR	LYMPHOMA	MALIGNANT
	RENAL	LYMPHOMA	MALIGNANT
Tissue Comment: TGL 4-18, TGL 5-19			
[LYMPHOMA TGLS = TGL4-18, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; TAN; TGL4]			
[LYMPHOMA TGLS = TGL5-19, Gross Finding = LYMPH NODE; RENAL; ENLARGED; TAN; TGL5]			
LYMPH NODE, BRONCHIAL		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 9-5, Gross Finding = LYMPH NODE, BRONCHIAL; ENLARGED; TAN; TGL9]			
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-11, Gross Finding = LYMPH NODE, MANDIBULAR; ENLARGED; TAN; TGL1]			
LYMPH NODE, MEDIASTINAL		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 6-9, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TAN; TGL6]			
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 3-17, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL3]			
OVARY		CYST	FOLLICULAR
PANCREAS	ACINUS	LYMPHOMA	MALIGNANT

ANIMAL ID: 230	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700395

PITUITARY GLAND	PARS DISTALIS	CYST	
SPLEEN		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-15, Gross Finding = SPLEEN; ENLARGED; MOTTLED; TGL2]			
STOMACH, FORESTOMACH		PAPILLOMA	
[PAPILLOMA TGLS = TGL 10-8, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL10, 1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 231	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700396

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LYMPH NODE, MEDIASTINAL		ENLARGED	TAN, TGL2
Observation Comment: 4 X			
[ENLARGED TGLS = TGL2]			
MAMMARY GLAND	AXILLARY, RIGHT	MASS	TAN, TGL1
Observation Comment: 25 X 20 X 16 mm; ulcerated			
[MASS TGLS = TGL1]			

ANIMAL ID: 231	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700396

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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, MESENTERIC
MAMMARY GLAND	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

CLITORAL GLAND	DUCT	DILATION	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LYMPH NODE, BRONCHIAL		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MEDIASTINAL		FIBROSARCOMA	METASTATIC
[FIBROSARCOMA TGLS = TGL 2-17, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TAN; TGL2]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
OVARY		CYST	
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-15, Gross Finding = MAMMARY GLAND; AXILLARY, RIGHT; MASS; TAN; TGL1]			
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 232	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700397

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 233	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700398

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

ANIMAL ID: 233	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700398

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	KIDNEY
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

GALLBLADDER	MAMMARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MILD
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
SALIVARY GLAND		INFILTRATION CELLULAR	MONONUCLEAR CELL, MILD
SPLEEN		LYMPHOMA	MALIGNANT
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 234	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD479
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700399

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

BONE	NOSE	FRACTURE	RED, TGL2
Observation Comment: 12mm; TGL 2 circumferential fracture around nose			
[FRACTURE TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
SKIN	RIGHT, FACE	LACERATION	RED, TGL1
Observation Comment: 10mm long; TGL1 red discoloration consistent with hemorrhage extends to the underlying bone			
[LACERATION TGLS = TGL1]			

ANIMAL ID: 234	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD479
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700399

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

NOSE		FRACTURE	
	OLFACTORY EPITHELIUM	NECROSIS	MILD
[FRACTURE TGLS = TGL 2-1, Gross Finding = BONE; NOSE; FRACTURE; RED; TGL2]			
SKIN		ULCER	MARKED
[ULCER TGLS = TGL 1-15, Gross Finding = SKIN; RIGHT, FACE; LACERATION; RED; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - NOSE; FRACTURE

ANIMAL ID: 235	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD685
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700400

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

BRAIN	CEREBELLUM	DISCOLORATION	DARK, TGL2
Observation Comment: 4x4x3mm; found at trim			
[DISCOLORATION TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
SPLEEN		ENLARGED	DARK, TGL1
Observation Comment: 35x20x12mm; found at trim			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 235	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD685
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700400

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

BRAIN	CEREBELLUM	HEMORRHAGE	MARKED
Tissue Comment: TGL 2-2, TGL 2-3			
[HEMORRHAGE TGLS = TGL2-2, Gross Finding = BRAIN; CEREBELLUM; DISCOLORATION; DARK; TGL2]			
HEART	ATRIUM	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		LYMPHOMA	MALIGNANT
LUNG		LYMPHOMA	MALIGNANT
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
OVARY		LYMPHOMA	MALIGNANT
SPLEEN		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 1-6			
[LYMPHOMA TGLS = TGL 1-6, Gross Finding = SPLEEN; ENLARGED; DARK; TGL1]			
THYMUS		LYMPHOMA	MALIGNANT
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- BRAIN; HEMORRHAGE; CEREBELLUM

ANIMAL ID: 236	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700401

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	NODULE	MOTTLED, TGL2
Observation Comment: 22x21x14mm			
Observation Comment: 4x4x2mm			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 236	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700401

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	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	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	
		INFILTRATION CELLULAR	MONONUCLEAR CELL, MILD
		NO CORRESPONDING LESION	

Tissue Comment: TGL 1-15, TGL 2-16

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[NO CORRESPONDING LESION TGLS = TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL2]

LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 237	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700402

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

OVARY	LEFT	CYST	CLEAR, TGL1
Observation Comment: 4x4x4mm			
[CYST TGLS = TGL1]			

ANIMAL ID: 237	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700402

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY		CYST	
[CYST TGLS = TGL 1-12, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL1]			
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 238	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700403

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

SPLEEN	ENLARGED	TGL1
Observation Comment: 30x11x4mm		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 238	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700403

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	UTERINE CERVIX
VAGINA			

OBSERVATIONS

LIVER		TENSION LIPIDOSIS	MINIMAL
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY	GRANULOSA CELL	HYPERPLASIA	MILD
SPLEEN		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-6, Gross Finding = SPLEEN; ENLARGED; TGL1]			
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 239	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700404

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 240	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD719
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700405

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

MAMMARY GLAND	RIGHT, THORACIC	MASS	TAN, TGL1
Observation Comment: 35x30x20mm; TGL 1 is ulcerated			
[MASS TGLS = TGL1]			
OVARY	LEFT	CYST	YELLOW, TGL3, 1
Observation Comment: 9mm dia			
[CYST TGLS = TGL3, 1]			
SPLEEN		ENLARGED	RED, TGL2
Observation Comment: 22x11x9mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 240	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD719
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700405

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
OVARY		CYST	BURSAL
[CYST TGLS = TGL 3-16, Gross Finding = OVARY; LEFT; CYST; YELLOW; TGL3, 1]			
SKIN		SCHWANNOMA	MALIGNANT
[SCHWANNOMA TGLS = TGL 1-15, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; TAN; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-6, Gross Finding = SPLEEN; ENLARGED; RED; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- SKIN; SCHWANNOMA; MALIGNANT

ANIMAL ID: 241	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700406

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	NODULE	TAN, TGL2
	LOBE, MEDIAN	NODULE	TAN, TGL3
Observation Comment: 18x11x10mm			
Observation Comment: 4x3x2mm			
Observation Comment: 2x2x1mm			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL2]			
[NODULE TGLS = TGL3]			
OVARY	LEFT	CYST	CLEAR, TGL4
Observation Comment: 11x9x8mm			
[CYST TGLS = TGL4]			
UTERUS		DILATION	TGL5
Observation Comment: body; 11x11x5mm; found at trim			
[DILATION TGLS = TGL5]			

ANIMAL ID: 241	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700406

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	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

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HISTIOCYTIC SARCOMA	

Tissue Comment: TGL 1-15, TGL 2-6, TGL 3-16

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL2]

[HISTIOCYTIC SARCOMA TGLS = TGL1-15, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[HISTIOCYTIC SARCOMA TGLS = TGL1-15, TGL3-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL3]

OVARY		CYST	BURSAL

[CYST TGLS = TGL 4-17, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL4]

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

[HYPERPLASIA TGLS = TGL 5-14, Gross Finding = UTERUS; DILATION; TGL5]

ANIMAL ID: 242	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD657
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700407

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LUNG		MASS	MOTTLED, TGL2
Observation Comment: 15x11x9mm; TGL2 affects all lobes			
[MASS TGLS = TGL2]			
MAMMARY GLAND, INGUINAL	RIGHT	MASS	MOTTLED, TGL1
Observation Comment: 39x30x5mm			
[MASS TGLS = TGL1]			
STOMACH, GLANDULAR		MASS	MOTTLED, TGL3
Observation Comment: 15x15x5mm			
[MASS TGLS = TGL3]			

ANIMAL ID: 242	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD657
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700407

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	OVARY	PANCREAS	SALIVARY GLAND
SPLEEN	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

Autolysis Precludes Examination

STOMACH, FORESTOMACH	URINARY BLADDER

No Section Present

PARATHYROID GLAND	PITUITARY GLAND

OBSERVATIONS

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
Tissue Comment: TGL2-5, TGL2-15			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL2-5, Gross Finding = LUNG; MASS; MOTTLED; TGL2]			
MESENTERY	ADIPOSE TISSUE	NECROSIS	MODERATE
Tissue Comment: TGL 3-17			
[NECROSIS TGLS = TGL 3-17, Gross Finding = STOMACH, GLANDULAR; MASS; MOTTLED; TGL3]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
SKIN		PLEOMORPHIC FIBROSARCOMA	
[PLEOMORPHIC FIBROSARCOMA TGLS = TGL 1-16, Gross Finding = MAMMARY GLAND, INGUINAL; RIGHT; MASS; MOTTLED; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- LUNG; ALVEOLAR/BRONCHIOLAR CARCINOMA

ANIMAL ID: 243	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700408

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	CAUDATE LOBE	MASS	MOTTLED, TGL1
Observation Comment: 5x5x2mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 243	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700408

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LUNG
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	THYROID GLAND	TRACHEA	UTERINE CERVIX
VAGINA			

OBSERVATIONS

LIVER		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL1-16, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
OVARY		CYST	FOLLICULAR
PITUITARY GLAND		ANGIECTASIS	MODERATE
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 244	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700409

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

HARDERIAN GLAND	LEFT	NODULE	TAN, TGL2
Observation Comment: 3x3x1mm			
[NODULE TGLS = TGL2]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL3
Observation Comment: 9x7x4mm			
[MASS TGLS = TGL3]			
LUNG	RIGHT	NODULE	WHITE, TGL1, 1
Observation Comment: caudal lobe; 3x2x2mm			
[NODULE TGLS = TGL1, 1]			

ANIMAL ID: 244	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700409

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

HARDERIAN GLAND		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 2-16, Gross Finding = HARDERIAN GLAND; LEFT; NODULE; TAN; TGL2]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 3-17, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL3]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
Tissue Comment: TGL 1-5			
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 1-5, Gross Finding = LUNG; RIGHT; NODULE; WHITE; TGL1, 1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
OVARY		CYST	FOLLICULAR
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 245	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700410

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	LEFT	ENLARGED	TAN, TGL3
Observation Comment: 3x			
[ENLARGED TGLS = TGL3]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL2
Observation Comment: 3x			
[ENLARGED TGLS = TGL2]			
MESENTERY		MASS	MOTTLED, TGL1
Observation Comment: fat; 20x9x6mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 245	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700410

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 3-10, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; TAN; TGL3]			
LYMPH NODE, MESENTERIC		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 2-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL2]			
MESENTERY	ADIPOSE TISSUE	NECROSIS	
[NECROSIS TGLS = TGL 1-16, Gross Finding = MESENTERY; MASS; MOTTLED; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 246	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD559
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700411

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

CERVIX		MASS	DARK, TGL2
Observation Comment: uterus; 20x14x8mm			
[MASS TGLS = TGL2]			
LIVER		CYST	TGL3
		THICK	TGL4
Observation Comment: TGL3 encompasses all lobes; up to 5mm diameter; multiple			
Observation Comment: TGL4 encompasses all lobes			
[CYST TGLS = TGL3]			
[THICK TGLS = TGL4]			
OVARY	LEFT	ENLARGED	TGL1
	RIGHT	ENLARGED	TGL5
Observation Comment: 2x			
[ENLARGED TGLS = TGL1]			
[ENLARGED TGLS = TGL5]			

ANIMAL ID: 246	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD559
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700411

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	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	UTERINE CERVIX	VAGINA	

Autolysis Precludes Examination

TRACHEA

Insufficient Tissue

URINARY BLADDER

No Section Present

MAMMARY GLAND

OBSERVATIONS

LIVER		HISTIOCYTIC SARCOMA	
		NO CORRESPONDING LESION	
Tissue Comment: TGL 4-6, TGL 3-6			
[HISTIOCYTIC SARCOMA TGLS = TGL4-6, Gross Finding = LIVER; THICK; TGL4]			
[NO CORRESPONDING LESION TGLS = TGL3-6, Gross Finding = LIVER; CYST; TGL3]			
LUNG		HISTIOCYTIC SARCOMA	
OVARY		HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL1-12, TGL5-12, Gross Finding = OVARY; LEFT; ENLARGED; TGL1]			
[HISTIOCYTIC SARCOMA TGLS = TGL1-12, TGL5-12, Gross Finding = OVARY; RIGHT; ENLARGED; TGL5]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
UTERUS		HISTIOCYTIC SARCOMA	
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
Tissue Comment: TGL 2-13, TGL 2-14			
[HISTIOCYTIC SARCOMA TGLS = TGL2-13, Gross Finding = CERVIX; MASS; DARK; TGL2]			

CONTRIBUTORY CAUSE OF DEATH - LIVER; HISTIOCYTIC SARCOMA

ANIMAL ID: 247	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700412

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	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, MESENTERIC

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 248	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700413

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

UTERUS	LEFT	NODULE	TAN, TGL1

Observation Comment: horn, 5x4x3 mm
[NODULE TGLS = TGL1]

ANIMAL ID: 248	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700413

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	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

NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
UTERUS		DILATION	MARKED
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MARKED

[HYPERPLASIA TGLS = TGL 1-14, Gross Finding = UTERUS; LEFT; NODULE; TAN; TGL1]

ANIMAL ID: 249	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD450
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700414

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LEFT	FOCUS	RED, TGL1
Observation Comment: 1x1 mm			
[FOCUS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 249	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD450
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700414

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
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		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-6, Gross Finding = LIVER; LEFT; FOCUS; RED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
NOSE	OLFACTORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
	TRANSITIONAL EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- LUNG; ALVEOLAR/BRONCHIOLAR ADENOMA

ANIMAL ID: 250	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700415

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	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

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 251	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700416

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
Observation Comment: 10x7x5 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 251	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700416

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	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

HARDERIAN GLAND		ADENOMA	
LIVER		BASOPHILIC FOCUS	MULTIPLE
		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
MAMMARY GLAND	DUCT	DILATION	MILD
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 252	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700417

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
ZYMBALS GLAND	RIGHT	MASS	WHITE, TGL1, 1

Observation Comment: 25x15x10 mm, TGL1 is casseous.

[MASS TGLS = TGL1, 1]

ANIMAL ID: 252	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700417

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LIVER	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND
NOSE	PANCREAS	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	UTERINE CERVIX
VAGINA			

No Section Present

PARATHYROID GLAND

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
HEART		CARDIOMYOPATHY	MINIMAL
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
LYMPH NODE, BRONCHIAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
OVARY		SQUAMOUS CELL CARCINOMA	METASTATIC
URINARY BLADDER		LYMPHOMA	MALIGNANT
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
ZYMBAL'S GLAND		SQUAMOUS CELL CARCINOMA	

[SQUAMOUS CELL CARCINOMA TGLS = TGL 1-16, Gross Finding = ZYMBALS GLAND; RIGHT; MASS; WHITE; TGL1, 1]

ANIMAL ID: 253	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700418

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, LEFT	MASS	TAN, TGL3
	LOBE, MEDIAN	MASS	GREEN, TGL2
	LOBE, MEDIAN	MASS	TAN, TGL5
Observation Comment: 16x10x10 mm			
Observation Comment: 8x8x7 mm			
Observation Comment: 22x20x15 mm			
Observation Comment: 8x5x1 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL5]			
SPLEEN		NODULE	MOTTLED, TWO, TGL4, 2
Observation Comment: 3x3x1 mm			
[NODULE TGLS = TGL4, 2]			

ANIMAL ID: 253	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700418

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

OBSERVATIONS

HEART		CARDIOMYOPATHY	MARKED
KIDNEY		LYMPHOMA	MALIGNANT
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 1-15, TGL 1-6, TGL 2-6, TGL 2-16, TGL 3-18, TGL 5-19

[HEPATOCELLULAR ADENOMA TGLS = TGL3-18, TGL1-15, TGL5-19, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-18, TGL1-15, TGL5-19, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-18, TGL1-15, TGL5-19, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL5]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; GREEN; TGL2]

LYMPH NODE, BRONCHIAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
SPLEEN		LYMPHOMA	MALIGNANT

[LYMPHOMA TGLS = TGL 4-17, Gross Finding = SPLEEN; NODULE; MOTTLED, TWO; TGL4, 2]

THYMUS		LYMPHOMA	MALIGNANT
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 254	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700419

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	OVARY - LEFT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ABDOMEN		ACCUMULUATION	RED, TGL3
Observation Comment: ~5 mL			
[ACCUMULUATION TGLS = TGL3]			
HARDERIAN GLAND	LEFT	ENLARGED	TAN, TGL11
Observation Comment: 6x			
[ENLARGED TGLS = TGL11]			
LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL8
Observation Comment: 10x5x5 mm			
[MASS TGLS = TGL8]			
LUNG	RIGHT	NODULE	CAUDAL, WHITE, TGL12, 2
Observation Comment: 3x3x3 mm			
[NODULE TGLS = TGL12, 2]			
LYMPH NODE	LUMBAR	ENLARGED	RED, TGL6
	RENAL	ENLARGED	RED, TGL5
Observation Comment: 10x			
[ENLARGED TGLS = TGL6]			
[ENLARGED TGLS = TGL5]			
LYMPH NODE, MANDIBULAR	LEFT	ENLARGED	RED, TGL1
Observation Comment: 10x			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 254	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700419

LYMPH NODE, MEDIASTINAL		ENLARGED	RED, TGL13
Observation Comment: 4x			
[ENLARGED TGLS = TGL13]			
LYMPH NODE, MESENTERIC		ENLARGED	RED, TGL10
Observation Comment: 10x			
[ENLARGED TGLS = TGL10]			
MESENTERY		NODULE	YELLOW, TGL9, 1
Observation Comment: fat, 7, up to 10mm dia			
[NODULE TGLS = TGL9, 1]			
OVARY	RIGHT	CYST	RED, TGL4
Observation Comment: 4 mm dia			
[CYST TGLS = TGL4]			
SPLEEN		ENLARGED	RED, TGL7
Observation Comment: 30x7x6 mm			
[ENLARGED TGLS = TGL7]			
THORAX		ACCUMULUATION	RED, TGL2
Observation Comment: cavities, ~2 mL			
[ACCUMULUATION TGLS = TGL2]			

ANIMAL ID: 254	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700419

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, JEJUNUM	LYMPH NODE, BRONCHIAL	MAMMARY GLAND	NOSE
PANCREAS	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

INTESTINE, LARGE, CECUM	INTESTINE, SMALL, ILEUM	PARATHYROID GLAND	THYMUS

OBSERVATIONS

CAVITY	THORACIC	NO CORRESPONDING LESION	
		NO CORRESPONDING LESION	
Tissue Comment: TGL 2-NoSlide			
Tissue Comment: TGL 3-NoSlide			
[NO CORRESPONDING LESION TGLS = TGL 2-NOSLIDE, Gross Finding = THORAX; ACCUMULUATION; RED; TGL2]			
[NO CORRESPONDING LESION TGLS = TGL 3-NOSLIDE, Gross Finding = ABDOMEN; ACCUMULUATION; RED; TGL3]			
HARDERIAN GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 11-23, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; TAN; TGL11]			
HEART		CARDIOMYOPATHY	MILD
KIDNEY		LYMPHOMA	MALIGNANT
LARYNX		FOREIGN BODY	
LIVER		HEPATOCELLULAR ADENOMA	
		LYMPHOMA	MALIGNANT
[HEPATOCELLULAR ADENOMA TGLS = TGL 8-20, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL8]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 12-5, Gross Finding = LUNG; RIGHT; NODULE; CAUDAL, WHITE; TGL12, 2]			
LYMPH NODE	LUMBAR	LYMPHOMA	MALIGNANT
	RENAL	LYMPHOMA	MALIGNANT
Tissue Comment: TGL 5-17, TGL 6-18			
[LYMPHOMA TGLS = TGL6-18, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; RED; TGL6]			
[LYMPHOMA TGLS = TGL5-17, Gross Finding = LYMPH NODE; RENAL; ENLARGED; RED; TGL5]			
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT

ANIMAL ID: 254	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD730
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700419

[LYMPHOMA TGLS = TGL 1-15, Gross Finding = LYMPH NODE, MANDIBULAR; LEFT; ENLARGED; RED; TGL1]			
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 13-24, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; RED; TGL13]			
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 10-22, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; RED; TGL10]			
MESENTERY	ADIPOSE TISSUE	NECROSIS	MODERATE
[NECROSIS TGLS = TGL 9-21, Gross Finding = MESENTERY; NODULE; YELLOW; TGL9, 1]			
OVARY		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 4-16, Gross Finding = OVARY; RIGHT; CYST; RED; TGL4]			
SPLEEN		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 7-19, Gross Finding = SPLEEN; ENLARGED; RED; TGL7]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
CONTRIBUTORY CAUSE OF DEATH	- LIVER; LYMPHOMA; MALIGNANT		

Animal Note: Greater than 5 enlarged lymph nodes present as verified at trim, largest 5 were recorded at necropsy.

ANIMAL ID: 255	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700420

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

ANIMAL ID: 255	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700420

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	UTERINE CERVIX
VAGINA			

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
	VALVE	PIGMENT	MARKED
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MILD
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY		HYPERPLASIA	TUBULOSTROMAL, MARKED
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 256	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700421

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	CAUDATE LOBE	MASS	MOTTLED, TGL1
	RIGHT	NODULE	TAN, TGL2

Observation Comment: 14x10x10 mm
Observation Comment: anterior, 4x4x2 mm
[MASS TGLS = TGL1]
[NODULE TGLS = TGL2]

ANIMAL ID: 256	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700421

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LUNG	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

ADRENAL GLAND		AMYLOID	
HEART		CARDIOMYOPATHY	MINIMAL
	VALVE	PIGMENT	MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		NO CORRESPONDING LESION	

Tissue Comment: TGL 1-15, TGL 2-16

[HEPATOCELLULAR ADENOMA TGLS = TGL1-15, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL1]

[NO CORRESPONDING LESION TGLS = TGL2-16, Gross Finding = LIVER; RIGHT; NODULE; TAN; TGL2]

OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 257	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700422

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	RIGHT	DISCOLORATION	MOTTLED, TGL1

Observation Comment: anterior, 25x18x15 mm

[DISCOLORATION TGLS = TGL1]

ANIMAL ID: 257	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700422

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MODERATE
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LIVER; RIGHT; DISCOLORATION; MOTTLED; TGL1]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
OVARY		HYPERPLASIA	TUBULOSTROMAL, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 258	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700423

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, LEFT	NODULE	TAN, TGL3
Observation Comment: 6x6x2 mm			
Observation Comment: 3x3x2 mm			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL3]			
LUNG	LOBE, LEFT	NODULE	ONE, WHITE, TGL1, 2
	RIGHT	NODULE	CAUDAL, ONE, WHITE, 1, TGL4, 3
Observation Comment: 2x2x1 mm			
Observation Comment: lobe, 3x3x1 mm, found at trim			
[NODULE TGLS = TGL1, 2]			
[NODULE TGLS = 1, TGL4, 3]			

ANIMAL ID: 258	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700423

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	OVARY	PANCREAS
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL	PARATHYROID GLAND	THYMUS

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		BASOPHILIC FOCUS	
		CLEAR CELL FOCUS	
		HEPATOCELLULAR ADENOMA	

Tissue Comment: TGL 2-16, TGL 3-17

[BASOPHILIC FOCUS TGLS = TGL3-17, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE

Tissue Comment: TGL 1-5, TGL 4-5

[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL1-5, TGL4-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; ONE, WHITE; TGL1, 2]

[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL1-5, TGL4-5, Gross Finding = LUNG; RIGHT; NODULE; CAUDAL, ONE, WHITE; 1, TGL4, 3]

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 259	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700424

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	OVARY - LEFT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	RIGHT	CYST	CLEAR, TGL3
Observation Comment: 2 mm dia			
[CYST TGLS = TGL3]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
Observation Comment: 13x10x7 mm			
[MASS TGLS = TGL1]			
MESENTERY		NODULE	YELLOW, TGL5, 1
Observation Comment: fat, 13x6x4 mm			
[NODULE TGLS = TGL5, 1]			
OVARY	RIGHT	MASS	MOTTLED, TGL4
Observation Comment: fluid filled, 30x28x17 mm			
[MASS TGLS = TGL4]			
SPLEEN		ENLARGED	MOTTLED, TGL2
Observation Comment: 32x11x5 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 259	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700424

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LUNG	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	UTERINE CERVIX	VAGINA

OBSERVATIONS

ADRENAL GLAND		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 3-9, Gross Finding = ADRENAL GLAND; RIGHT; CYST; CLEAR; TGL3]			
INTESTINE, SMALL, ILEUM		CELLULARITY INCREASED	LYMPHOCYTE, MODERATE
LIVER		EXTRAMEDULLARY HEMATOPOIESIS	MINIMAL
		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL1-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
MESENTERY	ADIPOSE TISSUE	NECROSIS	
[NECROSIS TGLS = TGL 5-16, Gross Finding = MESENTERY; NODULE; YELLOW; TGL5, 1]			
OVARY		CYSTADENOCARCINOMA	
Tissue Comment: TGL 4-12, TGL 4-17			
[CYSTADENOCARCINOMA TGLS = TGL4-12, Gross Finding = OVARY; RIGHT; MASS; MOTTLED; TGL4]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-6, Gross Finding = SPLEEN; ENLARGED; MOTTLED; TGL2]			
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 260	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700425

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	NODULE	TAN, TGL1
	RIGHT	NODULE	TAN, TGL2

Observation Comment: 2x2x1 mm
Observation Comment: posterior, 2x2x1 mm
[NODULE TGLS = TGL1]
[NODULE TGLS = TGL2]

ANIMAL ID: 260	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700425

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	UTERINE CERVIX	VAGINA	

Insufficient Tissue

URINARY BLADDER

OBSERVATIONS

GALLBLADDER	EPITHELIUM	HYPERPLASIA	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		INFILTRATION CELLULAR	MONONUCLEAR CELL, MILD
		MIXED CELL FOCUS	

Tissue Comment: TGL 1-16, TGL 2-17

[HEPATOCELLULAR ADENOMA TGLS = TGL1-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL1]

[MIXED CELL FOCUS TGLS = TGL2-17, Gross Finding = LIVER; RIGHT; NODULE; TAN; TGL2]

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 261	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD725
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700426

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	CAUDATE LOBE	MASS	TAN, TGL1
Observation Comment: 20x18x5 mm			
[MASS TGLS = TGL1]			
LYMPH NODE, MESENTERIC		MASS	MOTTLED, TGL2
Observation Comment: 13x10x8 mm			
[MASS TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
THYMUS		ENLARGED	TAN, TGL3
Observation Comment: 3x			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 261	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD725
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700426

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LUNG	LYMPH NODE, BRONCHIAL	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		

No Section Present

THYMUS

OBSERVATIONS

HEART		CARDIOMYOPATHY	MARKED
	ATRIUM	INFLAMMATION	SUPPURATIVE, MARKED
	VALVE	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LARYNX	GLAND	INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	
		INFLAMMATION	CHRONIC-ACTIVE, MARKED
		NECROSIS	MARKED
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LIVER; CAUDATE LOBE; MASS; TAN; TGL1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MARKED
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	LYMPHOCYTE, MARKED
[HYPERPLASIA TGLS = TGL 3-9, Gross Finding = THYMUS; ENLARGED; TAN; TGL3]			
LYMPH NODE, MESENTERIC		INFLAMMATION	SUPPURATIVE, MARKED
		THROMBUS	
[THROMBUS TGLS = TGL 2-16, Gross Finding = LYMPH NODE, MESENTERIC; MASS; MOTTLED; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - HEART; THROMBUS; VALVE

ANIMAL ID: 262	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700427

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
Observation Comment: 19x19x11 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 262	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700427

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LUNG
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

LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
OVARY		HYPERPLASIA	TUBULOSTROMAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 263	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700428

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL4
	RIGHT	NODULE	TAN, THREE, TGL5, 2
Observation Comment: 6x6x2 mm			
Observation Comment: Anterior, 3x3x2 mm			
[MASS TGLS = TGL4]			
[NODULE TGLS = TGL5, 2]			
LYMPH NODE, MANDIBULAR	BILATERAL	ENLARGED	TAN, TGL1
Observation Comment: 3x			
[ENLARGED TGLS = TGL1]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL3
Observation Comment: 4x			
[ENLARGED TGLS = TGL3]			
SPLEEN		ENLARGED	MOTTLED, TGL2
Observation Comment: 37x14x10 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 263	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700428

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

Insufficient Tissue

MAMMARY GLAND

No Section Present

CLITORAL GLAND
INTESTINE, LARGE, RECTUM

OBSERVATIONS

KIDNEY		LYMPHOMA	MALIGNANT
LIVER		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 4-6, TGL 5-17			
[LYMPHOMA TGLS = TGL5-17, TGL4-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL4]			
[LYMPHOMA TGLS = TGL5-17, TGL4-6, Gross Finding = LIVER; RIGHT; NODULE; TAN, THREE; TGL5, 2]			
LUNG		HEMORRHAGE	MINIMAL
		LYMPHOMA	MALIGNANT
LYMPH NODE, BRONCHIAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-11, Gross Finding = LYMPH NODE, MANDIBULAR; BILATERAL; ENLARGED; TAN; TGL1]			
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 3-16, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL3]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MILD
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY		HYPERPLASIA	TUBULOSTROMAL, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-15, Gross Finding = SPLEEN; ENLARGED; MOTTLED; TGL2]			
THYMUS		LYMPHOMA	MALIGNANT

ANIMAL ID: 263	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700428

Observation Comment: multicentric

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		LYMPHOMA	MALIGNANT
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		LYMPHOMA	MALIGNANT

ANIMAL ID: 264	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD518
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700429

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
SKIN	NOSE	LACERATION	RED, TGL2
Observation Comment: 10x3 mm, TGL2 = end of nose is missing			
[LACERATION TGLS = TGL2]			
UTERUS	BILATERAL	DILATION	DARK, TGL1
Observation Comment: horn, up to 15 mm dia, TGL1 = fluid filled			
[DILATION TGLS = TGL1]			

ANIMAL ID: 264	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD518
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700429

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, RECTUM	KIDNEY
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	MAMMARY GLAND
NOSE	OVARY	SALIVARY GLAND	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	UTERINE CERVIX
VAGINA			

Autolysis Precludes Examination

GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LYMPH NODE, MESENTERIC	PANCREAS
SPLEEN	URINARY BLADDER		

No Section Present

LYMPH NODE, MEDIASTINAL	PARATHYROID GLAND	PITUITARY GLAND	THYMUS

OBSERVATIONS

LIVER		HEPATOCELLULAR ADENOMA	
		NECROSIS	MARKED
LUNG		EDEMA	MODERATE
	ALVEOLUS	INFILTRATION CELLULAR	HISTIOCYTE, MILD
		MINERAL	MODERATE
SKIN		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 2-15, Gross Finding = SKIN; NOSE; LACERATION; RED; TGL2]			
UTERUS		DILATION	MARKED
Tissue Comment: TGL 1-13, TGL 1-14			
[DILATION TGLS = TGL1-13, Gross Finding = UTERUS; BILATERAL; DILATION; DARK; TGL1]			

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR ADENOMA

ANIMAL ID: 265	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700430

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	OVARY - LEFT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	CAUDATE LOBE	MASS	MOTTLED, TGL3
	LOBE, MEDIAN	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	RIGHT	NODULE	TAN, TGL4

Observation Comment: 9x8x7 mm
Observation Comment: 10x10x8 mm
Observation Comment: 16x16x14 mm
Observation Comment: anterior, 4x4x3 mm
[MASS TGLS = TGL3]
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]
[NODULE TGLS = TGL4]

LUNG	ACCESSORY LOBE	MASS	TAN, TGL5
	ACCESSORY LOBE	NODULE	TAN, TGL7
	ACCESSORY LOBE	NODULE	TAN, TGL10
	LOBE, LEFT	NODULE	TAN, TGL9
	RIGHT	NODULE	CAUDAL, TAN, 1, TGL8

Tissue Comment: More lung masses and nodules present. Five largest noted.

ANIMAL ID: 265	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700430

Observation Comment: 6x6x4 mm			
Observation Comment: 4x4x4 mm			
Observation Comment: 4x4x4 mm, found at trim			
Observation Comment: 2x2x2 mm			
Observation Comment: 5x4x3 mm			
[MASS TGLS = TGL5]			
[NODULE TGLS = TGL7]			
[NODULE TGLS = TGL10]			
[NODULE TGLS = TGL9]			
[NODULE TGLS = 1, TGL8]			
OVARY	RIGHT	CYST	CLEAR, TGL6
Observation Comment: 2x2x2 mm			
[CYST TGLS = TGL6]			

ANIMAL ID: 265	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700430

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	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	UTERINE CERVIX
VAGINA			

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
	PELVIS	DILATION	MILD
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		NO CORRESPONDING LESION	

Tissue Comment: TGL 1-15, TGL 2-16, TGL 3-17, TGL 4-18

[HEPATOCELLULAR ADENOMA TGLS = TGL3-17, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-16, TGL1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-16, TGL1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]

[NO CORRESPONDING LESION TGLS = TGL4-18, Gross Finding = LIVER; RIGHT; NODULE; TAN; TGL4]

LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC

Tissue Comment: TGL 9-5, TGL 5-19, TGL 10-19, TGL 8-20, TGL 7-19

[HEPATOCELLULAR CARCINOMA TGLS = TGL8-20, TGL9-5, TGL7-19, TGL5-19, TGL10-19, Gross Finding = LUNG; ACCESSORY LOBE; MASS; TAN; TGL5]

[HEPATOCELLULAR CARCINOMA TGLS = TGL8-20, TGL9-5, TGL7-19, TGL5-19, TGL10-19, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; TAN; TGL10]

[HEPATOCELLULAR CARCINOMA TGLS = TGL8-20, TGL9-5, TGL7-19, TGL5-19, TGL10-19, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; TAN; TGL7]

[HEPATOCELLULAR CARCINOMA TGLS = TGL8-20, TGL9-5, TGL7-19, TGL5-19, TGL10-19, Gross Finding = LUNG; LOBE, LEFT; NODULE; TAN; TGL9]

[HEPATOCELLULAR CARCINOMA TGLS = TGL8-20, TGL9-5, TGL7-19, TGL5-19, TGL10-19, Gross Finding = LUNG; RIGHT; NODULE; CAUDAL, TAN; 1, TGL8]

OVARY		CYST	BURSAL
		CYST	RETE OVARII
		CYST	

[CYST TGLS = TGL 6-12, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL6]

ANIMAL ID: 265	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700430

[CYST TGLS = TGL 6-12, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL6]

URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 266	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700431

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	TONGUE
TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	RIGHT	MASS	MOTTLED, TGL1
Observation Comment: anterior, 45x23x20 mm			
[MASS TGLS = TGL1]			
THYROID GLAND	RIGHT	ENLARGED	DARK, TGL2
Observation Comment: 2x, found at trim			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 266	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700431

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

PARATHYROID GLAND	THYMUS

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL1]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
LYMPH NODE, MANDIBULAR		PIGMENT	
OVARY		CYST	EPITHELIAL
		HYPERPLASIA	TUBULOSTROMAL, MINIMAL
THYROID GLAND	FOLLICULAR CELL	ADENOMA	
[ADENOMA TGLS = TGL 2-7, Gross Finding = THYROID GLAND; RIGHT; ENLARGED; DARK; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 267	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD726
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700432

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

SKIN	DORSAL	MASS	TAN, TGL1
Observation Comment: 33x30x18 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 267	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD726
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700432

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

HARDERIAN GLAND	BILATERAL	ADENOMA	
LIVER		BASOPHILIC FOCUS	
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MINIMAL
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-15, Gross Finding = SKIN; DORSAL; MASS; TAN; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- SKIN; FIBROSARCOMA

ANIMAL ID: 268	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700433

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

ANIMAL ID: 268	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700433

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

No Section Present

CLITORAL GLAND

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
NOSE	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	MILD
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 269	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD726
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700434

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

MAMMARY GLAND, INGUINAL	MASS	TAN, TGL1
Observation Comment: 25x20x5 mm, TGL1 incorporates clitoral glands		
[MASS TGLS = TGL1]		
NO CORRELATE	TO OBSERVATION / MASS	

ANIMAL ID: 269	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD726
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700434

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

No Section Present

CLITORAL GLAND	LYMPH NODE, MANDIBULAR

OBSERVATIONS

HEART		CARDIOMYOPATHY	MODERATE
		POLYARTERITIS NODOSA	MODERATE
MAMMARY GLAND	DUCT	DILATION	MINIMAL
SKIN		HYPERKERATOSIS	MODERATE
		INFLAMMATION	SUPPURATIVE, MODERATE
[HYPERKERATOSIS TGLS = TGL 1-15, Gross Finding = MAMMARY GLAND, INGUINAL; MASS; TAN; TGL1]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	SUPPURATIVE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

CONTRIBUTORY CAUSE OF DEATH	- SKIN; INFLAMMATION; SUPPURATIVE

ANIMAL ID: 270	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700435

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER		ENLARGED	MOTTLED, TGL1
	LEFT	MASS	MOTTLED, TGL4
Observation Comment: 1.5x, TGL1 affects all liver lobes, TGL1 = granular			
Observation Comment: 9x8x2 mm			
[ENLARGED TGLS = TGL1]			
[MASS TGLS = TGL4]			
LUNG	RIGHT	FOCUS	CAUDAL, DARK, 1, TGL6
Observation Comment: 2x2 mm, found at trim			
[FOCUS TGLS = 1, TGL6]			
LYMPH NODE, MEDIASTINAL		ENLARGED	DARK, TGL5
Observation Comment: 2x, found at trim			
[ENLARGED TGLS = TGL5]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL2
Observation Comment: 2x			
[ENLARGED TGLS = TGL2]			
SPLEEN		ENLARGED	MOTTLED, TGL3
Observation Comment: 35x10x10 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 270	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700435

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
LARYNX			
Tissue Comment: epiglottis missing,, remainder of larynx normal histology.			
LIVER		EXTRAMEDULLARY HEMATOPOIESIS	MILD
		HEMANGIOMA	
		HEPATOCELLULAR CARCINOMA	
		HISTIOCYTIC SARCOMA	
Tissue Comment: TGL 1-6, TGL 4-17			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-17, Gross Finding = LIVER; LEFT; MASS; MOTTLED; TGL4]			
[HISTIOCYTIC SARCOMA TGLS = TGL1-6, Gross Finding = LIVER; ENLARGED; MOTTLED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 6-5, Gross Finding = LUNG; RIGHT; FOCUS; CAUDAL, DARK; 1, TGL6]			
LYMPH NODE, BRONCHIAL		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	LYMPHOCYTE, MODERATE
[HYPERPLASIA TGLS = TGL 5-9, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; DARK; TGL5]			
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
[HYPERPLASIA TGLS = TGL 2-15, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL2]			
OVARY		CYST	
	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
		HISTIOCYTIC SARCOMA	

ANIMAL ID: 270	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700435

[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 3-16, Gross Finding = SPLEEN; ENLARGED; MOTTLED; TGL3]

URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 271	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD268
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700436

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

ANIMAL ID: 271	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD268
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700436

HISTOPATH TISSUE STATUS

Within Normal Limits			
ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
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	UTERINE CERVIX	VAGINA	
Autolysis Precludes Examination			
URINARY BLADDER			
No Section Present			
LYMPH NODE, BRONCHIAL			
OBSERVATIONS			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
PRIMARY CAUSE OF DEATH	- UNDETERMINED		

ANIMAL ID: 272	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD306
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700437

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS

ANIMAL ID: 272	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD306
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700437

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
NOSE		FRACTURE	
	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MODERATE
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MODERATE
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

PRIMARY CAUSE OF DEATH - UNDETERMINED

ANIMAL ID: 273	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700438

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

OVARY	RIGHT	CYST	RED, TGL1
Observation Comment: 4 mm dia			
[CYST TGLS = TGL1]			

ANIMAL ID: 273	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700438

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LIVER	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	UTERINE CERVIX
VAGINA			

No Section Present

MAMMARY GLAND

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MARKED
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MINIMAL
		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-12, Gross Finding = OVARY; RIGHT; CYST; RED; TGL1]			
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 274	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700439

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

HARDERIAN GLAND	RIGHT	ENLARGED	TAN, TGL2
Observation Comment: 6x, TGL2 accounts for eye abnormality seen clinically			
[ENLARGED TGLS = TGL2]			
LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
Observation Comment: 30x25x17 mm			
[MASS TGLS = TGL1]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL3
Observation Comment: 3x, found at trim			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 274	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700439

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	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

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 2-10, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; TAN; TGL2]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
Observation Comment: multiple			
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
[HYPERPLASIA TGLS = TGL 3-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL3]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 275	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700440

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

ANIMAL ID: 275	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700440

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	GALLBLADDER
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	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

HARDERIAN GLAND

OBSERVATIONS

EYE	LENS	CATARACT	MINIMAL
	CORNEA	INFLAMMATION	SUPPURATIVE, MARKED
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		HEPATOCELLULAR ADENOMA	
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 276	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD668
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700441

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LYMPH NODE	LUMBAR	ENLARGED	DARK, TWO, TGL3, 2
Observation Comment: up to 5x			
[ENLARGED TGLS = TGL3, 2]			
LYMPH NODE, AXILLARY	RIGHT	ENLARGED	TAN, TGL2
Observation Comment: 10x			
[ENLARGED TGLS = TGL2]			
MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 60x40x30 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			

ANIMAL ID: 276	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD668
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700441

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	UTERUS	VAGINA

OBSERVATIONS

LUNG		FIBROSARCOMA	METASTATIC
	PLEURA	INFLAMMATION	CHRONIC-ACTIVE, MILD
Observation Comment: skin = primary			
LYMPH NODE	AXILLARY	FIBROSARCOMA	METASTATIC
	LUMBAR	HYPERPLASIA	LYMPHOCYTE, MODERATE
[FIBROSARCOMA TGLS = TGL 2-15, Gross Finding = LYMPH NODE, AXILLARY; RIGHT; ENLARGED; TAN; TGL2]			
[HYPERPLASIA TGLS = TGL 3-16, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; DARK, TWO; TGL3, 2]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MEDIASTINAL		INFILTRATION CELLULAR	HISTIOCYTE, MILD
MAMMARY GLAND	DUCT	DILATION	MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-15, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; MOTTLED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED

CONTRIBUTORY CAUSE OF DEATH - LYMPH NODE; FIBROSARCOMA; AXILLARY; METASTATIC

ANIMAL ID: 277	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD599
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700442

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM		ENLARGED	TGL5
Observation Comment: 2x, TGL5 = peyers patch			
[ENLARGED TGLS = TGL5]			
LIVER		ENLARGED	PALE, TGL4
Observation Comment: 2x, TGL4 is granular			
[ENLARGED TGLS = TGL4]			
LUNG	LOBE, LEFT	NODULE	DARK, TGL7
Observation Comment: 4x3x2 mm, found at trim			
[NODULE TGLS = TGL7]			
LYMPH NODE	LUMBAR	ENLARGED	MOTTLED, TGL2
	RENAL	ENLARGED	PALE, TGL8
Tissue Comment: Other Lymph nodes enlarged. 5 largest noted			
Observation Comment: 5x			
Observation Comment: 3x, found at trim			
[ENLARGED TGLS = TGL2]			
[ENLARGED TGLS = TGL8]			
LYMPH NODE, BRONCHIAL		ENLARGED	PALE, TGL6
Tissue Comment: Other Lymph nodes enlarged. 5 largest noted			
Observation Comment: 5x			

ANIMAL ID: 277	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD599
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700442

[ENLARGED TGLS = TGL6]			
LYMPH NODE, MANDIBULAR		ENLARGED	PALE, TGL9
Tissue Comment: Other Lymph nodes enlarged. 5 largest noted			
Observation Comment: 3x, found at trim			
[ENLARGED TGLS = TGL9]			
LYMPH NODE, MEDIASTINAL		ENLARGED	PALE, TGL10
Tissue Comment: Other Lymph nodes enlarged. 5 largest noted			
Observation Comment: 3x, found at trim			
[ENLARGED TGLS = TGL10]			
MESENTERY	LEFT, ABDOMINAL	NODULE	MOTTLED, TGL3
Observation Comment: 23x12x5mm			
[NODULE TGLS = TGL3]			
SPLEEN		ENLARGED	TGL1
Observation Comment: 43x13x5 mm			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 277	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD599
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700442

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, ILEUM	KIDNEY	LARYNX	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

HARDERIAN GLAND		HISTIOCYTIC SARCOMA	
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, DUODENUM		HISTIOCYTIC SARCOMA	
INTESTINE, SMALL, JEJUNUM		HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 5-8, Gross Finding = INTESTINE, SMALL, JEJUNUM; ENLARGED; TGL5]			
LIVER		HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 4-17, Gross Finding = LIVER; ENLARGED; PALE; TGL4]			
LUNG		HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL7-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; DARK; TGL7]			
LYMPH NODE	LUMBAR	HISTIOCYTIC SARCOMA	
		HISTIOCYTIC SARCOMA	
Tissue Comment: TGL 2-15, TGL 8-19			
[HISTIOCYTIC SARCOMA TGLS = TGL2-15, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; MOTTLED; TGL2]			
[HISTIOCYTIC SARCOMA TGLS = TGL8-19, Gross Finding = LYMPH NODE; RENAL; ENLARGED; PALE; TGL8]			
LYMPH NODE, BRONCHIAL		HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 6-18, Gross Finding = LYMPH NODE, BRONCHIAL; ENLARGED; PALE; TGL6]			
LYMPH NODE, MANDIBULAR		HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 9-11, Gross Finding = LYMPH NODE, MANDIBULAR; ENLARGED; PALE; TGL9]			
LYMPH NODE, MEDIASTINAL		HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 10-20, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; PALE; TGL10]			
LYMPH NODE, MESENTERIC		HISTIOCYTIC SARCOMA	
MESENTERY	ADIPOSE TISSUE	HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 3-16, Gross Finding = MESENTERY; LEFT, ABDOMINAL; NODULE; MOTTLED; TGL3]			

ANIMAL ID: 277	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD599
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700442

OVARY		HISTIOCYTIC SARCOMA	
SPLEEN		HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 1-6, Gross Finding = SPLEEN; ENLARGED; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
CONTRIBUTORY CAUSE OF DEATH	- LUNG; HISTIOCYTIC SARCOMA		

ANIMAL ID: 278	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700443

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	NODULE	MOTTLED, TGL3
	RIGHT	NODULE	MOTTLED, TGL2
Observation Comment: 18x18x12 mm			
Observation Comment: 4x4x1 mm			
Observation Comment: anterior, 4x4x1 mm			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL3]			
[NODULE TGLS = TGL2]			
OVARY	RIGHT	NODULE	TAN, TGL4
Observation Comment: 4x3x3 mm			
[NODULE TGLS = TGL4]			

ANIMAL ID: 278	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700443

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	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	UTERINE CERVIX
VAGINA			

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
		INFARCT	MILD
		METAPLASIA	OSSEOUS
LIVER		HEPATOCELLULAR ADENOMA	
		NO CORRESPONDING LESION	

Tissue Comment: TGL 1-15, TGL 2-16, TGL 3-6

[HEPATOCELLULAR ADENOMA TGLS = TGL1-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[NO CORRESPONDING LESION TGLS = TGL3-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL3]

[NO CORRESPONDING LESION TGLS = TGL2-16, Gross Finding = LIVER; RIGHT; NODULE; MOTTLED; TGL2]

LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
OVARY		GRANULOSA CELL TUMOR	BENIGN
		HYPERPLASIA	TUBULOSTROMAL, MILD

Tissue Comment: TGL 4-16

[GRANULOSA CELL TUMOR TGLS = TGL 4-16, Gross Finding = OVARY; RIGHT; NODULE; TAN; TGL4]

URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 279	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD650
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700444

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

KIDNEY	LEFT	NODULE	MOTTLED, TGL3
Observation Comment: 5x5x3 mm, found at trim			
[NODULE TGLS = TGL3]			
LIVER	LOBE, LEFT	MASS	TAN, TGL2
	LOBE, MEDIAN	MASS	DARK, TGL1
Observation Comment: 8x8x4 mm, found at trim			
Observation Comment: 12x10x8 mm, found at trim			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			

ANIMAL ID: 279	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD650
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700444

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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
UTERINE CERVIX	UTERUS	VAGINA	

Autolysis Precludes Examination

URINARY BLADDER

OBSERVATIONS

HEART	MYOCARDIUM	INFLAMMATION	SUPPURATIVE, MODERATE
KIDNEY	PELVIS	BACTERIA	
		INFARCT	MARKED
	PELVIS	INFLAMMATION	SUPPURATIVE, MARKED
[INFLAMMATION TGLS = TGL 3-16, Gross Finding = KIDNEY; LEFT; NODULE; MOTTLED; TGL3]			
LARYNX		POLYARTERITIS NODOSA	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 2-6, TGL1-15			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, TGL2-6, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	LYMPHOCYTE, MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

ANIMAL ID: 280	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700445

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
OVARY	RIGHT	ENLARGED	RED, TGL1
Observation Comment: 2x			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 280	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700445

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		MIXED CELL FOCUS	
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
OVARY		THROMBUS	
[THROMBUS TGLS = TGL1-16, Gross Finding = OVARY; RIGHT; ENLARGED; RED; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 281	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700446

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

MAMMARY GLAND	RIGHT, THORACIC	MASS	TAN, TGL1
Observation Comment: 30x23x16 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 281	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700446

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

LARYNX	GLAND	INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	
		HISTIOCYTIC SARCOMA	
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
SKIN		SARCOMA	
[SARCOMA TGLS = TGL 1-15, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; TAN; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 282	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD380
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700447

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LUNG	ACCESSORY LOBE	MASS	MOTTLED, TGL1
Observation Comment: 11x7x4 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 282	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD380
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700447

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	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
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

Autolysis Precludes Examination

INTESTINE, LARGE, CECUM	URINARY BLADDER

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
		INFARCT	MILD
	RENAL TUBULE	PIGMENT	MODERATE
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL1-5, Gross Finding = LUNG; ACCESSORY LOBE; MASS; MOTTLED; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LUNG; ALVEOLAR/BRONCHIOLAR CARCINOMA

Animal Note: Skin missing on face, partially cannibalized

ANIMAL ID: 283	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD562
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700448

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS	
THYMUS	SMALL	TAN, TGL1
Observation Comment: 0.1x		
[SMALL TGLS = TGL1]		

ANIMAL ID: 283	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD562
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700448

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LIVER
LUNG	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	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

BRAIN		POLYARTERITIS NODOSA	MINIMAL
		THROMBUS	
HEART		CARDIOMYOPATHY	MILD
KIDNEY	PELVIS	DILATION	MINIMAL
LARYNX		POLYARTERITIS NODOSA	MILD
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MINIMAL
	PARAOVARIAN TISSUE	INFLAMMATION	CHRONIC-ACTIVE, MILD
THYMUS		ATROPHY	MILD
[ATROPHY TGLS = TGL 1-9, Gross Finding = THYMUS; SMALL; TAN; TGL1]			
URINARY BLADDER		POLYARTERITIS NODOSA	MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Tail damaged due to cannibalization

ANIMAL ID: 284	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700449

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	NODULE	MOTTLED, TGL2

Observation Comment: 5x5x2mm
Observation Comment: 3x3x3 mm
[MASS TGLS = TGL1]
[NODULE TGLS = TGL2]

ANIMAL ID: 284	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700449

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	UTERINE CERVIX
VAGINA			

OBSERVATIONS

HEART		CARDIOMYOPATHY	MILD
		POLYARTERITIS NODOSA	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 1-16, TGL 2-17			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-16, TGL2-17, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-16, TGL2-17, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL2]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MILD
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 285	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD684
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700450

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	DARK, TGL1
Observation Comment: 32x20x11 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 285	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD684
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700450

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	KIDNEY
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, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

Autolysis Precludes Examination

INTESTINE, SMALL, JEJUNUM

Insufficient Tissue

PITUITARY GLAND

No Section Present

GALLBLADDER

OBSERVATIONS

LIVER		HEPATOCELLULAR CARCINOMA	
		NECROSIS	MILD
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
		HEPATOCELLULAR CARCINOMA	METASTATIC
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 286	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700451

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	TAN, TGL2
Observation Comment: 7x7x3 mm			
[MASS TGLS = TGL2]			
MAMMARY GLAND	LEFT, THORACIC	MASS	TAN, TGL1
Observation Comment: 25x20x18 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 286	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700451

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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	SALIVARY GLAND	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY	PELVIS	INFLAMMATION	CHRONIC, MODERATE
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
[HEPATOCELLULAR ADENOMA TGLS = TGL 2-16, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL2]			
OVARY		HYPERPLASIA	TUBULOSTROMAL, MINIMAL
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-15, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; TAN; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 287	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700452

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	ONE, RED, 1, TGL2
	LOBE, MEDIAN	NODULE	ONE, RED, 1, TGL3
Observation Comment: 5x5x2 mm			
Observation Comment: 5x5x3 mm			
[NODULE TGLS = 1, TGL2]			
[NODULE TGLS = 1, TGL3]			
OVARY	RIGHT	CYST	CLEAR, TGL1
Observation Comment: 5x5x5 mm			
[CYST TGLS = TGL1]			

ANIMAL ID: 287	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700452

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

No Section Present

LYMPH NODE, MANDIBULAR	THYMUS

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		INFILTRATION CELLULAR	LYMPHOCYTE, MILD
LIVER		BASOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 2-16, TGL 3-17			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-17, TGL2-16, Gross Finding = LIVER; LOBE, LEFT; NODULE; ONE, RED; 1, TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-17, TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; ONE, RED; 1, TGL3]			
OVARY		CYST	BURSAL
	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MILD
[CYST TGLS = TGL 1-16, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL1]			
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 288	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD689
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700453

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	BILATERAL	ENLARGED	TAN, TGL4
Observation Comment: 2x			
[ENLARGED TGLS = TGL4]			
LIVER	LOBE, MEDIAN	MASS	TAN, TGL7
Observation Comment: 7x4x4 mm, found at trim			
[MASS TGLS = TGL7]			
LYMPH NODE	BILATERAL, LUMBAR	ENLARGED	TAN, TGL3
	BILATERAL, RENAL	ENLARGED	TAN, TGL2
	PANCREATIC	ENLARGED	TAN, TGL6
Observation Comment: 10x			
Observation Comment: 3x			
Observation Comment: 3x, found at trim			
[ENLARGED TGLS = TGL3]			
[ENLARGED TGLS = TGL2]			
[ENLARGED TGLS = TGL6]			
LYMPH NODE, MEDIASTINAL		ENLARGED	TAN, TGL5
Observation Comment: 5x			
[ENLARGED TGLS = TGL5]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL1

ANIMAL ID: 288	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD689
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700453

Observation Comment: 51x31x20 mm
[ENLARGED TGLS = TGL1]

NO CORRELATE TO OBSERVATION / MASS

ANIMAL ID: 288	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD689
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700453

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, JEJUNUM	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

No Section Present

MAMMARY GLAND	THYMUS

OBSERVATIONS

ADRENAL GLAND		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 4-9, Gross Finding = ADRENAL GLAND; BILATERAL; ENLARGED; TAN; TGL4]			
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, LARGE, CECUM		LYMPHOMA	MALIGNANT
INTESTINE, SMALL, ILEUM		LYMPHOMA	MALIGNANT
KIDNEY		LYMPHOMA	MALIGNANT
LARYNX		INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		HEPATOCHOLANGIOCARCINOMA	
		INFLAMMATION	ACUTE, MODERATE
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL 7-20, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL7]			
LYMPH NODE	PANCREATIC	HYPERPLASIA	LYMPHOCYTE, MARKED
	LUMBAR	LYMPHOMA	MALIGNANT
	PANCREATIC	LYMPHOMA	MALIGNANT
	RENAL	LYMPHOMA	MALIGNANT
Tissue Comment: TGL 2-16, TGL 3-17, TGL 6-19			
[LYMPHOMA TGLS = TGL3-17, Gross Finding = LYMPH NODE; BILATERAL, LUMBAR; ENLARGED; TAN; TGL3]			
[LYMPHOMA TGLS = TGL6-19, Gross Finding = LYMPH NODE; PANCREATIC; ENLARGED; TAN; TGL6]			
[LYMPHOMA TGLS = TGL2-16, Gross Finding = LYMPH NODE; BILATERAL, RENAL; ENLARGED; TAN; TGL2]			
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 5-18, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TAN; TGL5]			
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-15, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL1]			
NOSE	NASOLACRIMAL DUCT	INFLAMMATION	SUPPURATIVE, MILD

ANIMAL ID: 288	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD689
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700453

	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY		LYMPHOMA	MALIGNANT
PANCREAS	ACINUS	LYMPHOMA	MALIGNANT
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
STOMACH, GLANDULAR		LYMPHOMA	MALIGNANT
URINARY BLADDER		LYMPHOMA	MALIGNANT
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		LYMPHOMA	MALIGNANT

CONTRIBUTORY CAUSE OF DEATH - LYMPH NODE, MESENTERIC; LYMPHOMA; MALIGNANT

Animal Note: Alopecia noted throughout abdomen and dorsum

ANIMAL ID: 289	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700454

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

HEART	LEFT, ATRIUM	NODULE	MOTTLED, TGL3
Observation Comment: 5x5x2 mm			
[NODULE TGLS = TGL3]			
LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	RIGHT	MASS	TAN, TGL2
Observation Comment: 22x18x16 mm			
Observation Comment: posterior, 3x3x2 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
MESENTERY		NODULE	YELLOW, TGL4, 1
Observation Comment: fat, 15x10x6 mm			
[NODULE TGLS = TGL4, 1]			

ANIMAL ID: 289	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700454

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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

HEART		CARDIOMYOPATHY	MODERATE
	ATRIUM	THROMBUS	
[THROMBUS TGLS = TGL 3-6, Gross Finding = HEART; LEFT, ATRIUM; NODULE; MOTTLED; TGL3]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 1-15, TGL 2-16			
[EOSINOPHILIC FOCUS TGLS = TGL2-16, Gross Finding = LIVER; RIGHT; MASS; TAN; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
LUNG	ALVEOLUS	INFILTRATION CELLULAR	HISTIOCYTE, MARKED
	PERIVASCULAR	INFLAMMATION	ACUTE, MODERATE
MESENTERY	ADIPOSE TISSUE	NECROSIS	MODERATE
[NECROSIS TGLS = TGL 4-17, Gross Finding = MESENTERY; NODULE; YELLOW; TGL4, 1]			
OVARY		THROMBUS	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 290	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD435
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700455

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	LIVER	LUNG	LYMPH NODE, MANDIBULAR
MAMMARY GLAND	SALIVARY GLAND	SKIN	TRACHEA
UTERINE CERVIX	VAGINA		

Autolysis Precludes Examination

GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LYMPH NODE, MEDIASTINAL	NOSE	PANCREAS
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	URINARY BLADDER		

No Section Present

CLITORAL GLAND	LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC	OVARY
PARATHYROID GLAND	PITUITARY GLAND		

OBSERVATIONS

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 290	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD435
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700455

PRIMARY CAUSE OF DEATH	- UNDETERMINED

ANIMAL ID: 291	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700456

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	TAN, TGL1
Observation Comment: 3x2x1 mm			
[NODULE TGLS = TGL1]			

ANIMAL ID: 291	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700456

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	UTERINE CERVIX
VAGINA			

OBSERVATIONS

LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	
[EOSINOPHILIC FOCUS TGLS = TGL 1-16, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-16, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL1]			
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MODERATE
OVARY		HYPERPLASIA	TUBULOSTROMAL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	MARKED
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 292	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD715
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700457

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LIVER	CAUDATE LOBE	MASS	MOTTLED, TGL5
Observation Comment: 6x5x4 mm			
[MASS TGLS = TGL5]			
MAMMARY GLAND	LEFT, ABDOMINAL	MASS	MOTTLED, TGL1
Observation Comment: 56x37x20 mm. TGL1 = ulcerated			
[MASS TGLS = TGL1]			
MESENTERY		NODULE	MOTTLED, TGL4
Observation Comment: fat, 15x7x6 mm			
[NODULE TGLS = TGL4]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	ENLARGED	TAN, TGL3
Observation Comment: 5x			
[ENLARGED TGLS = TGL3]			
UTERUS	LEFT	NODULE	RED, TGL2
Observation Comment: horn, 5x4x2 mm			
[NODULE TGLS = TGL2]			

ANIMAL ID: 292	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD715
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700457

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MARKED
LIVER		NECROSIS	MARKED
[NECROSIS TGLS = TGL 5-17, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL5]			
MESENTERY	ADIPOSE TISSUE	NECROSIS	MODERATE
Tissue Comment: TGL 4-16			
[NECROSIS TGLS = TGL 4-16, Gross Finding = MESENTERY; NODULE; MOTTLED; TGL4]			
OVARY		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 3-12, Gross Finding = OVARY; LEFT; ENLARGED; TAN; TGL3]			
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-15, Gross Finding = MAMMARY GLAND; LEFT, ABDOMINAL; MASS; MOTTLED; TGL1]			
UTERUS		ANGIECTASIS	MARKED
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
Tissue Comment: TGL 2-14			
[ANGIECTASIS TGLS = TGL 2-14, Gross Finding = UTERUS; LEFT; NODULE; RED; TGL2]			

CONTRIBUTORY CAUSE OF DEATH - SKIN; FIBROSARCOMA

ANIMAL ID: 293	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700458

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LIVER	RIGHT	MASS	MOTTLED, TGL3
Observation Comment: anterior, 32x20x12 mm, TGL3 fused to posterior lobe of liver			
[MASS TGLS = TGL3]			
MESENTERY		NODULE	TAN, TGL2
Observation Comment: fat, 9x6x3 mm			
[NODULE TGLS = TGL2]			
OVARY	RIGHT	CYST	CLEAR, TGL1
Observation Comment: 3x3x3 mm			
[CYST TGLS = TGL1]			

ANIMAL ID: 293	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700458

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	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

HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 3-17			
[HEPATOCELLULAR CARCINOMA TGLS = TGL 3-17, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL3]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
MESENTERY	ADIPOSE TISSUE	NECROSIS	MODERATE
[NECROSIS TGLS = TGL 2-16, Gross Finding = MESENTERY; NODULE; TAN; TGL2]			
OVARY		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-16, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 294	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD657
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700459

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

MAMMARY GLAND	RIGHT, ABDOMINAL	MASS	RED, TGL1
Observation Comment: 38x35x18 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 294	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD657
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700459

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

No Section Present

URINARY BLADDER

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
SKIN		PLEOMORPHIC FIBROSARCOMA	
[PLEOMORPHIC FIBROSARCOMA TGLS = TGL 1-15, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; RED; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - SKIN; PLEOMORPHIC FIBROSARCOMA

ANIMAL ID: 295	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD502
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700460

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS

ANIMAL ID: 295	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD502
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700460

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	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	

No Section Present

LYMPH NODE, MEDIASTINAL	THYMUS

OBSERVATIONS

BRAIN	MEDULLA OBLONGATA	NECROSIS	MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- BRAIN; NECROSIS; MEDULLA OBLONGATA

Animal Note: Intestines are filled with gas

ANIMAL ID: 296	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD640
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700461

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS

ANIMAL ID: 296	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD640
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700461

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LUNG	LYMPH NODE, BRONCHIAL	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

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

HARDERIAN GLAND	BILATERAL	ADENOMA	
HEART		BACTERIA	
		CARDIOMYOPATHY	MINIMAL
LARYNX		INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MARKED
OVARY		HYPERPLASIA	TUBULOSTROMAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

PRIMARY CAUSE OF DEATH - UNDETERMINED

ANIMAL ID: 297	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700462

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LUNG	CRANIAL	FOCUS	WHITE, TGL1, 1
Observation Comment: 2x2 mm			
[FOCUS TGLS = TGL1, 1]			
MESENTERY		NODULE	TAN, TGL2
Observation Comment: fat, 18x12x7 mm			
[NODULE TGLS = TGL2]			

ANIMAL ID: 297	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700462

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
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	UTERINE CERVIX
VAGINA			

No Section Present

PITUITARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
		INFARCT	MILD
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 1-5, Gross Finding = LUNG; CRANIAL; FOCUS; WHITE; TGL1, 1]			
MESENTERY	ADIPOSE TISSUE	NECROSIS	MODERATE
[NECROSIS TGLS = TGL 2-16, Gross Finding = MESENTERY; NODULE; TAN; TGL2]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 298	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD689
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700463

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1

Observation Comment: 60x30x20 mm, TGL1 accounts for abdominal mass noted clinically
[MASS TGLS = TGL1]

ANIMAL ID: 298	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD689
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700463

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LIVER	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

MAMMARY GLAND

OBSERVATIONS

ADRENAL GLAND		FIBROSARCOMA	METASTATIC
LUNG		FIBROSARCOMA	METASTATIC
Observation Comment: skin = primary			
LYMPH NODE, MEDIASTINAL		FIBROSARCOMA	METASTATIC
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
THYMUS		FIBROSARCOMA	METASTATIC
Observation Comment: skin = primary			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - SKIN; FIBROSARCOMA

ANIMAL ID: 299	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD702
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700464

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

HARDERIAN GLAND	LEFT	NODULE	PALE, TGL6
Observation Comment: 2x2x2 mm			
[NODULE TGLS = TGL6]			
KIDNEY	RIGHT	SMALL	TAN, TGL2
Observation Comment: 0.1x			
[SMALL TGLS = TGL2]			
OVARY	LEFT	MASS	MOTTLED, TGL1
	RIGHT	SMALL	GRAY, TGL4
Observation Comment: 15x10x5 mm			
Observation Comment: 0.1x			
[MASS TGLS = TGL1]			
[SMALL TGLS = TGL4]			
THYMUS		SMALL	TGL5
Observation Comment: 0.1x			
[SMALL TGLS = TGL5]			
UTERUS	RIGHT	NODULE	RED, TGL3
Observation Comment: horn, 5x5x3 mm			
[NODULE TGLS = TGL3]			

ANIMAL ID: 299	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD702
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700464

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

CLITORAL GLAND

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL6-10, Gross Finding = HARDERIAN GLAND; LEFT; NODULE; PALE; TGL6]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		ATROPHY	MARKED
		FIBROSIS	MARKED
[ATROPHY TGLS = TGL 2-7, Gross Finding = KIDNEY; RIGHT; SMALL; TAN; TGL2]			
MAMMARY GLAND	DUCT	DILATION	MILD
NOSE		FOREIGN BODY	
OVARY		ATROPHY	MILD
		GRANULOSA CELL TUMOR	MALIGNANT
Tissue Comment: TGL 1-12, TGL 4-12			
[ATROPHY TGLS = TGL4-12, Gross Finding = OVARY; RIGHT; SMALL; GRAY; TGL4]			
[GRANULOSA CELL TUMOR TGLS = TGL1-12, Gross Finding = OVARY; LEFT; MASS; MOTTLED; TGL1]			
THYMUS		ATROPHY	MILD
[ATROPHY TGLS = TGL 5-9, Gross Finding = THYMUS; SMALL; TGL5]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
		THROMBUS	
[THROMBUS TGLS = TGL 3-13, Gross Finding = UTERUS; RIGHT; NODULE; RED; TGL3]			

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- OVARY; GRANULOSA CELL TUMOR; MALIGNANT

ANIMAL ID: 299	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD702
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700464

Animal Note: Entire gastrointestinal tract dilated with gas

ANIMAL ID: 300	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700465

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	CAUDATE LOBE	MASS	MOTTLED, TGL2
	RIGHT	MASS	MOTTLED, TGL1
	LOBE, LEFT	NODULE	TAN, TGL3

Observation Comment: 7x5x3 mm
Observation Comment: posterior, 25x25x10 mm
Observation Comment: 4x3x1 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]
[NODULE TGLS = TGL3]

ANIMAL ID: 300	**TRT#:** 2	**DOSE:** 100 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700465

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MINIMAL
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
		NO CORRESPONDING LESION	

Tissue Comment: TGL 1-15, TGL 2-16, TGL 3-6

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, TGL2-16, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, TGL2-16, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL1]

[NO CORRESPONDING LESION TGLS = TGL3-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL3]

OVARY		GRANULOSA CELL TUMOR	BENIGN
		HYPERPLASIA	TUBULOSTROMAL, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 303	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700468

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LIVER		DEFORMITY	TAN, TGL1
Observation Comment: TGL1 = granular			
[DEFORMITY TGLS = TGL1]			
LYMPH NODE	RENAL	ENLARGED	TAN, TGL4
Observation Comment: 6x			
[ENLARGED TGLS = TGL4]			
LYMPH NODE, MEDIASTINAL		ENLARGED	TAN, TGL2
Observation Comment: 6x			
[ENLARGED TGLS = TGL2]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL5
Observation Comment: 4x, found at trim			
[ENLARGED TGLS = TGL5]			
SPLEEN		ENLARGED	RED, TGL3
Observation Comment: 28x10x9 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 303	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700468

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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	MAMMARY GLAND
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		HEPATOCELLULAR ADENOMA	
		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-6, Gross Finding = LIVER; DEFORMITY; TAN; TGL1]			
LYMPH NODE	RENAL	LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 4-17, Gross Finding = LYMPH NODE; RENAL; ENLARGED; TAN; TGL4]			
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-16, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TAN; TGL2]			
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 5-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL5]			
NOSE	STENO'S GLAND	ATROPHY	MINIMAL
OVARY		GRANULOSA CELL TUMOR	BENIGN
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 3-6, Gross Finding = SPLEEN; ENLARGED; RED; TGL3]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 304	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD603
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700469

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	TAN, TGL1
	RIGHT	MASS	TAN, TGL3
	RIGHT	MASS	TAN, TGL2

Observation Comment: 6x5x1 mm
Observation Comment: anterior, 6x5x3 mm
[MASS TGLS = TGL1]
[MASS TGLS = TGL3]
[MASS TGLS = TGL2]

LUNG	LEFT	MASS	CAUDAL, PALE, 1, TGL5
	LEFT, CRANIAL	MASS	PALE, TGL4

Observation Comment: 10x10x6 mm
Observation Comment: 6x5x4 mm, TGL4 infiltrates the trachea
[MASS TGLS = 1, TGL5]
[MASS TGLS = TGL4]

ANIMAL ID: 304	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD603
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700469

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

HEART		ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC
KIDNEY		ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC
		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 1-15, TGL 2-16, TGL 3-17

[HEPATOCELLULAR ADENOMA TGLS = TGL1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-17, TGL2-16, Gross Finding = LIVER; RIGHT; MASS; TAN; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-17, TGL2-16, Gross Finding = LIVER; RIGHT; MASS; TAN; TGL3]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	

Tissue Comment: TGL 4-18, TGL 5-17

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL4-18, TGL5-17, Gross Finding = LUNG; LEFT, CRANIAL; MASS; PALE; TGL4]

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL4-18, TGL5-17, Gross Finding = LUNG; LEFT; MASS; CAUDAL, PALE; 1, TGL5]

NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MILD
	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LUNG; ALVEOLAR/BRONCHIOLAR CARCINOMA

ANIMAL ID: 305	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700470

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	TAN, TGL7
	LOBE, MEDIAN	MASS	TAN, TGL8
	LOBE, MEDIAN	MASS	TAN, TGL6

Observation Comment: 6x5x4 mm
Observation Comment: 6x5x3 mm
Observation Comment: 20x15x15 mm
[MASS TGLS = TGL7]
[MASS TGLS = TGL8]
[MASS TGLS = TGL6]

LUNG	LEFT	NODULE	WHITE, TGL14, 1
	LEFT	NODULE	WHITE, TGL10, 1
	LOBE, MIDDLE, RIGHT	NODULE	WHITE, TGL12, 1
	RIGHT	NODULE	CAUDAL, WHITE, TGL11, 2
	RIGHT	NODULE	CAUDAL, WHITE, TGL13, 2

Tissue Comment: Greater than 5 nodules present in lung, largest 5 recorded
Observation Comment: 3x2x1 mm
Observation Comment: 5x4x4 mm
Observation Comment: 4x3x2 mm
Observation Comment: 4x3x3 mm

ANIMAL ID: 305	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700470

Observation Comment: 3x3x3 mm			
[NODULE TGLS = TGL14, 1]			
[NODULE TGLS = TGL10, 1]			
[NODULE TGLS = TGL12, 1]			
[NODULE TGLS = TGL11, 2]			
[NODULE TGLS = TGL13, 2]			
LYMPH NODE, MESENTERIC		ENLARGED	>FIVE, TAN, 1, TGL9
Observation Comment: up to 5x			
[ENLARGED TGLS = 1, TGL9]			
PANCREAS		MASS	TAN, TGL5
		MASS	TAN, TGL4
		MASS	TAN, TGL1
		MASS	TAN, TGL3
		MASS	TAN, TGL2
Tissue Comment: Greater than 5 nodules or masses present in pancreas, largest 5 recorded			
Observation Comment: 6x5x5 mm			
Observation Comment: 6x5x4 mm			
Observation Comment: 10x6x5 mm			
Observation Comment: 8x4x4 mm			
Observation Comment: 9x5x4 mm			
[MASS TGLS = TGL5]			
[MASS TGLS = TGL4]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
SKELETAL MUSCLE	DIAPHRAGM	NODULE	TWO, WHITE, TGL18, 1, 2
	DIAPHRAGM	NODULE	WHITE, TGL15, 1
	DIAPHRAGM	NODULE	WHITE, TGL17, 1
	DIAPHRAGM	NODULE	WHITE, TGL16, 1
Tissue Comment: Greater than 5 nodules present in diaphragm, largest 5 recorded			
Observation Comment: 1x1x1 mm			
Observation Comment: 5x4x3 mm			
Observation Comment: 4x3x2 mm			
Observation Comment: 4x2x2 mm			
[NODULE TGLS = TGL18, 1, 2]			

ANIMAL ID: 305	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700470

[NODULE TGLS = TGL15, 1]
[NODULE TGLS = TGL17, 1]
[NODULE TGLS = TGL16, 1]

ANIMAL ID: 305	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700470

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
HEART	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	LARYNX
LYMPH NODE, MANDIBULAR	MAMMARY GLAND	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

Autolysis Precludes Examination

GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM			

No Section Present

PITUITARY GLAND

OBSERVATIONS

HARDERIAN GLAND	ADENOMA	
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCELLULAR ADENOMA	
	HEPATOCELLULAR CARCINOMA	
	HEPATOCHOLANGIOCARCINOMA	

Tissue Comment: TGL 6-6, TGL 6-19, TGL,7-6, TGL 8-20

[HEPATOCELLULAR CARCINOMA TGLS = TGL7-6, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL7]

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL6-6, TGL8-20, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL6]

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL6-6, TGL8-20, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL8]

LUNG	HEPATOCHOLANGIOCARCINOMA	METASTATIC

Tissue Comment: TGL 10-5, TGL 11-5, TGL 12-5, TGL 13-5, TGL 14-5

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL12-5, TGL10-5, TGL11-5, TGL13-5, TGL14-5, Gross Finding = LUNG; LEFT; NODULE; WHITE; TGL10, 1]

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL12-5, TGL10-5, TGL11-5, TGL13-5, TGL14-5, Gross Finding = LUNG; LEFT; NODULE; WHITE; TGL14, 1]

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL12-5, TGL10-5, TGL11-5, TGL13-5, TGL14-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; WHITE; TGL12, 1]

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL12-5, TGL10-5, TGL11-5, TGL13-5, TGL14-5, Gross Finding = LUNG; RIGHT; NODULE; CAUDAL, WHITE; TGL11, 2]

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL12-5, TGL10-5, TGL11-5, TGL13-5, TGL14-5, Gross Finding = LUNG; RIGHT; NODULE; CAUDAL, WHITE; TGL13, 2]

LYMPH NODE, BRONCHIAL	HEPATOCHOLANGIOCARCINOMA	METASTATIC
LYMPH NODE, MEDIASTINAL	HEPATOCHOLANGIOCARCINOMA	METASTATIC
LYMPH NODE, MESENTERIC	HEPATOCHOLANGIOCARCINOMA	METASTATIC

[HEPATOCHOLANGIOCARCINOMA TGLS = TGL 9-15, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; >FIVE, TAN; 1, TGL9]

ANIMAL ID: 305	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD705
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700470

NOSE	NASOLACRIMAL DUCT	INFLAMMATION	SUPPURATIVE, MODERATE
	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY		HYPERPLASIA	TUBULOSTROMAL, MILD
PANCREAS	ACINUS	HEPATOCHOLANGIOCARCINOMA	METASTATIC
Tissue Comment: TGL 1-16, TGL 2-17, TGL 3-17, TGL 4-18, TGL 5-18			
Observation Comment: pancreas lesions are mets of a/b carcinoma			
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL5-18, TGL4-18, TGL2-17, TGL3-17, TGL1-16, Gross Finding = PANCREAS; MASS; TAN; TGL1]			
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL5-18, TGL4-18, TGL2-17, TGL3-17, TGL1-16, Gross Finding = PANCREAS; MASS; TAN; TGL2]			
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL5-18, TGL4-18, TGL2-17, TGL3-17, TGL1-16, Gross Finding = PANCREAS; MASS; TAN; TGL3]			
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL5-18, TGL4-18, TGL2-17, TGL3-17, TGL1-16, Gross Finding = PANCREAS; MASS; TAN; TGL4]			
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL5-18, TGL4-18, TGL2-17, TGL3-17, TGL1-16, Gross Finding = PANCREAS; MASS; TAN; TGL5]			
SKELETAL MUSCLE		HEPATOCHOLANGIOCARCINOMA	METASTATIC
Tissue Comment: TGL 15-16, TGL 16-16, TGL 17-16, TGL 18-16			
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL15-16, TGL17-16, TGL16-16, TGL18-16, Gross Finding = SKELETAL MUSCLE; DIAPHRAGM; NODULE; TWO, WHITE; TGL18, 1, 2]			
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL15-16, TGL17-16, TGL16-16, TGL18-16, Gross Finding = SKELETAL MUSCLE; DIAPHRAGM; NODULE; WHITE; TGL15, 1]			
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL15-16, TGL17-16, TGL16-16, TGL18-16, Gross Finding = SKELETAL MUSCLE; DIAPHRAGM; NODULE; WHITE; TGL16, 1]			
[HEPATOCHOLANGIOCARCINOMA TGLS = TGL15-16, TGL17-16, TGL16-16, TGL18-16, Gross Finding = SKELETAL MUSCLE; DIAPHRAGM; NODULE; WHITE; TGL17, 1]			
THYMUS		HEPATOCHOLANGIOCARCINOMA	METASTATIC
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOCHOLANGIOCARCINOMA		

ANIMAL ID: 306	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD335
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700471

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

ANIMAL ID: 306	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD335
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700471

HISTOPATH TISSUE STATUS

Within Normal Limits			
ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA
Autolysis Precludes Examination			
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	URINARY BLADDER	
Insufficient Tissue			
OVARY			
No Section Present			
LYMPH NODE, MEDIASTINAL	THYMUS		
OBSERVATIONS			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
PRIMARY CAUSE OF DEATH	- UNDETERMINED		

ANIMAL ID: 307	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700472

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	NOSE
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

HARDERIAN GLAND		ENLARGED	WHITE, TGL9, 1
Observation Comment: unilateral, 2x, found at trim			
[ENLARGED TGLS = TGL9, 1]			
LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL3
	RIGHT	MASS	MOTTLED, TGL2
	RIGHT	MASS	MOTTLED, TGL1
	LOBE, LEFT	NODULE	MOTTLED, TGL4
Observation Comment: 7x6x5 mm			
Observation Comment: posterior, 8x8x6 mm			
Observation Comment: anterior, 14x11x9 mm			
Observation Comment: 4x4x4 mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL4]			
LUNG	LOBE, LEFT	MASS	TAN, TGL6
	LOBE, MEDIAN	NODULE	WHITE, TGL8, 1
Observation Comment: 6x6x2 mm			
Observation Comment: 4x3x2 mm, found at trim			

ANIMAL ID: 307	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700472

[MASS TGLS = TGL6]			
[NODULE TGLS = TGL8, 1]			
MESENTERY		NODULE	TAN, TGL7
Observation Comment: fat, 27x17x10 mm, found at trim			
[NODULE TGLS = TGL7]			
OVARY	LEFT	MASS	TAN, TGL5
Observation Comment: 7x5x4 mm			
[MASS TGLS = TGL5]			

ANIMAL ID: 307	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700472

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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	UTERINE CERVIX	VAGINA

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 9-10, Gross Finding = HARDERIAN GLAND; ENLARGED; WHITE; TGL9, 1]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 1-15, TGL4-19, TGL 3-18, TGL 2-16			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-19, TGL2-16, TGL3-18, Gross Finding = LIVER; LOBE, LEFT; NODULE; MOTTLED; TGL4]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-19, TGL2-16, TGL3-18, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-19, TGL2-16, TGL3-18, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
Tissue Comment: TGL 6-5, TGL 8-5			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL6-5, TGL8-5, Gross Finding = LUNG; LOBE, LEFT; MASS; TAN; TGL6]			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL6-5, TGL8-5, Gross Finding = LUNG; LOBE, MEDIAN; NODULE; WHITE; TGL8, 1]			
MESENTERY	ADIPOSE TISSUE	NECROSIS	
[NECROSIS TGLS = TGL 7-17, Gross Finding = MESENTERY; NODULE; TAN; TGL7]			
OVARY		CYST	
		HYPERPLASIA	TUBULOSTROMAL, MILD
		LUTEOMA	
[LUTEOMA TGLS = TGL5-12, Gross Finding = OVARY; LEFT; MASS; TAN; TGL5]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 307	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700472

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 308	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD408
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700473

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LYMPH NODE, MEDIASTINAL	ENLARGED	TAN, TGL2
Observation Comment: multiple, 3x		
[ENLARGED TGLS = TGL2]		
THYMUS	ENLARGED	TAN, TGL1
Observation Comment: 5x		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 308	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD408
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700473

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

Autolysis Precludes Examination

LARYNX	LIVER	NOSE	OVARY
STOMACH, FORESTOMACH	URINARY BLADDER		

OBSERVATIONS

HEART		LYMPHOMA	MALIGNANT
LUNG		LYMPHOMA	MALIGNANT
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-15, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TAN; TGL2]			
THYMUS		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-15, Gross Finding = THYMUS; ENLARGED; TAN; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LUNG; LYMPHOMA; MALIGNANT

Animal Note: Left pinna missing from ear due to cannibalization.

ANIMAL ID: 309	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700474

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL3
	LOBE, LEFT	NODULE	TAN, TWO, TGL4, 2
	LOBE, MEDIAN	NODULE	TAN, TGL2
Observation Comment: 9x9x7 mm			
Observation Comment: up to 4x4x1 mm			
Observation Comment: 6, up to 5x5x1 mm			
[MASS TGLS = TGL3]			
[NODULE TGLS = TGL4, 2]			
[NODULE TGLS = TGL2]			
LUNG	ACCESSORY LOBE	NODULE	WHITE, TGL1, 1
Observation Comment: 2x2x1 mm			
[NODULE TGLS = TGL1, 1]			

ANIMAL ID: 309	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700474

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	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
LIVER		EOSINOPHILIC FOCUS	MULTIPLE
		HEPATOCELLULAR ADENOMA	MULTIPLE
		NO CORRESPONDING LESION	

Tissue Comment: TGL 2-15, TGL 3-16, TGL 4-17

[EOSINOPHILIC FOCUS TGLS = TGL4-17, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN, TWO; TGL4, 2]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, TGL3-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL2]

[NO CORRESPONDING LESION TGLS = TGL4-17, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN, TWO; TGL4, 2]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
		NO CORRESPONDING LESION	

[NO CORRESPONDING LESION TGLS = TGL 1-15, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; WHITE; TGL1, 1]

NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
OVARY		GRANULOSA CELL TUMOR	BENIGN
		HYPERPLASIA	TUBULOSTROMAL, MILD
		TUBULOSTROMAL ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 310	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700475

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	RIGHT	MASS	MOTTLED, TGL1
	LOBE, LEFT	NODULE	MOTTLED, TGL4
	LOBE, MEDIAN	NODULE	MOTTLED, TGL2
	LOBE, MEDIAN	NODULE	MOTTLED, TGL3
	RIGHT	NODULE	MOTTLED, TGL5

Tissue Comment: Greater than 5 masses or nodules present in the liver, largest 5 recorded.
Observation Comment: anterior, 24x16x14 mm
Observation Comment: 3x3x2 mm
Observation Comment: 5x5x4 mm
Observation Comment: 5x5x3 mm
Observation Comment: posterior, 3x3x2 mm
[MASS TGLS = TGL1]
[NODULE TGLS = TGL4]
[NODULE TGLS = TGL2]
[NODULE TGLS = TGL3]
[NODULE TGLS = TGL5]

ANIMAL ID: 310	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700475

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	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

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		BASOPHILIC FOCUS	
		EOSINOPHILIC FOCUS	MULTIPLE
		FATTY CHANGE	DIFFUSE, MILD
		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 2-17, TGL 4-16, TGL 3-18, TGL 1-15, TGL 5-16

[BASOPHILIC FOCUS TGLS = TGL3-18, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL5-16, TGL2-17, TGL4-16, Gross Finding = LIVER; LOBE, LEFT; NODULE; MOTTLED; TGL4]

[HEPATOCELLULAR ADENOMA TGLS = TGL5-16, TGL2-17, TGL4-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL5-16, TGL2-17, TGL4-16, Gross Finding = LIVER; RIGHT; NODULE; MOTTLED; TGL5]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
OVARY		HYPERPLASIA	TUBULOSTROMAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 311	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700476

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

OVARY	RIGHT	CYST	CLEAR, TGL1
Observation Comment: 7x7x7 mm			
[CYST TGLS = TGL1]			

ANIMAL ID: 311	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700476

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND	MEDULLA	HYPERPLASIA	MARKED
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
OVARY		CYST	MULTIPLE
		HYPERPLASIA	TUBULOSTROMAL, MINIMAL
[CYST TGLS = TGL 1-15, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL1]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 312	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD660
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700477

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE		TO OBSERVATION / MASS	
NO CORRELATING LESION		TO OBSERVATION / MASS	
SKIN	DORSAL, LEFT	MASS	TAN, TGL1
Observation Comment: 40x30x20mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 312	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD660
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700477

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
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	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND		FIBROSARCOMA	METASTATIC
Observation Comment: skin = primary			
HARDERIAN GLAND		HYPERPLASIA	MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-15, Gross Finding = SKIN; DORSAL, LEFT; MASS; TAN; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS		DILATION	MINIMAL
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - SKIN; FIBROSARCOMA

ANIMAL ID: 313	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700478

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	TAN, TGL2
Observation Comment: 4x2x2 mm, found at trim			
[NODULE TGLS = TGL2]			
LUNG	LEFT	NODULE	WHITE, TGL1, 1
Observation Comment: 2x2x2 mm, found at trim			
[NODULE TGLS = TGL1, 1]			

ANIMAL ID: 313	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700478

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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	UTERINE CERVIX	VAGINA

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		FATTY CHANGE	FOCAL, MINIMAL
[FATTY CHANGE TGLS = TGL 2-16, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 1-5, Gross Finding = LUNG; LEFT; NODULE; WHITE; TGL1, 1]			
OVARY		ANGIECTASIS	MILD
		THROMBUS	
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 314	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD710
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700479

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	OVARY - LEFT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

HARDERIAN GLAND	RIGHT	ENLARGED	TAN, TGL4
Observation Comment: 25x12x8 mm			
[ENLARGED TGLS = TGL4]			
LYMPH NODE	RENAL	ENLARGED	TAN, TWO, TGL3, 2
Observation Comment: 15x			
[ENLARGED TGLS = TGL3, 2]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL2
Observation Comment: 32x20x8 mm			
[ENLARGED TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	RIGHT	ENLARGED	TAN, TGL5
Observation Comment: 3x			
[ENLARGED TGLS = TGL5]			
SPLEEN		ENLARGED	TGL1
Observation Comment: 25x7x3 mm			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 314	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD710
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700479

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
MAMMARY GLAND	NOSE	PARATHYROID GLAND	SALIVARY GLAND
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

HARDERIAN GLAND			
Tissue Comment: TGL 5-10			
LARYNX		INFLAMMATION	SUPPURATIVE, MINIMAL
LIVER		LYMPHOMA	MALIGNANT
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
LYMPH NODE	RENAL	LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 3-16, Gross Finding = LYMPH NODE; RENAL; ENLARGED; TAN, TWO; TGL3, 2]			
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-15, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL2]			
OVARY		CYST	
		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 5-12, Gross Finding = OVARY; RIGHT; ENLARGED; TAN; TGL5]			
PANCREAS	ACINUS	LYMPHOMA	MALIGNANT
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	MILD
SKIN		CYST	SQUAMOUS
[CYST TGLS = TGL 4-10, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; TAN; TGL4]			
SPLEEN		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-6, Gross Finding = SPLEEN; ENLARGED; TGL1]			
THYMUS		LYMPHOMA	MALIGNANT
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

CONTRIBUTORY CAUSE OF DEATH - THYMUS; LYMPHOMA; MALIGNANT

ANIMAL ID: 315	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700480

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

HARDERIAN GLAND	LEFT	ENLARGED	TAN, TGL5
Observation Comment: 4x, TGL5 accounts for eye abnormality seen clinically			
[ENLARGED TGLS = TGL5]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, LEFT	NODULE	MOTTLED, TGL3
	LOBE, LEFT	NODULE	WHITE, TGL4, 1
Observation Comment: 13x10x9 mm			
Observation Comment: 5x5x4 mm			
Observation Comment: 3x3x3 mm			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL3]			
[NODULE TGLS = TGL4, 1]			
LYMPH NODE, MANDIBULAR	RIGHT	ENLARGED	TAN, TGL1
Observation Comment: 4x			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 315	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700480

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	MAMMARY GLAND	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, MESENTERIC

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 5-10, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; TAN; TGL5]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 3-17, TGL 4-18, TGL 2-15			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, TGL4-18, TGL3-17, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, TGL4-18, TGL3-17, Gross Finding = LIVER; LOBE, LEFT; NODULE; MOTTLED; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, TGL4-18, TGL3-17, Gross Finding = LIVER; LOBE, LEFT; NODULE; WHITE; TGL4, 1]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-16, Gross Finding = LYMPH NODE, MANDIBULAR; RIGHT; ENLARGED; TAN; TGL1]			
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY		LYMPHOMA	MALIGNANT
SPLEEN		LYMPHOMA	MALIGNANT
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 317	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700482

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	FOCUS	TAN, TGL1
Observation Comment: 2x2 mm			
[FOCUS TGLS = TGL1]			

ANIMAL ID: 317	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700482

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

No Section Present

SPLEEN

OBSERVATIONS

LIVER		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-17, Gross Finding = LIVER; LOBE, LEFT; FOCUS; TAN; TGL1]			
LUNG	PLEURA	INFILTRATION CELLULAR	MONONUCLEAR CELL, MILD
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY		HYPERPLASIA	TUBULOSTROMAL, MILD
		LUTEOMA	
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 318	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700483

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LIVER	LOBE, MEDIAN	FOCUS	WHITE, TGL3, 1
	LOBE, LEFT	MASS	MOTTLED, TGL2
Observation Comment: 2x2x2 mm			
Observation Comment: 6x4x3 mm			
[FOCUS TGLS = TGL3, 1]			
[MASS TGLS = TGL2]			
OVARY	RIGHT	CYST	RED, TGL1
Observation Comment: 6x6x6 mm			
[CYST TGLS = TGL1]			

ANIMAL ID: 318	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700483

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	MAMMARY GLAND	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 2-15, TGL 2-16, TGL 3-16			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, TGL3-16, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; WHITE; TGL3, 1]			
LUNG		LYMPHOMA	MALIGNANT
Observation Comment: multicentric			
LYMPH NODE, BRONCHIAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
NOSE	STENO'S GLAND	ATROPHY	MINIMAL
OVARY		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-12, Gross Finding = OVARY; RIGHT; CYST; RED; TGL1]			
THYMUS		LYMPHOMA	MALIGNANT
Observation Comment: multicentric			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		LYMPHOMA	MALIGNANT
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 319	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700484

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	NODULE	MOTTLED, TGL3

Observation Comment: 22x12x11 mm
Observation Comment: 12x11x8 mm
Observation Comment: 4x3x2 mm
[MASS TGLS = TGL1]
[MASS TGLS = TGL2]
[NODULE TGLS = TGL3]

ANIMAL ID: 319	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700484

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	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	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
		ADENOMA	
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 1-15, TGL 2-16, TGL 3-17

[HEPATOCELLULAR ADENOMA TGLS = TGL3-17, TGL1-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR ADENOMA TGLS = TGL3-17, TGL1-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL2-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS		DILATION	MARKED
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 322	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700487

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	RIGHT	ENLARGED	TAN, TGL2
Observation Comment: 2x			
[ENLARGED TGLS = TGL2]			
LYMPH NODE, CERVICAL		ENLARGED	TAN, TGL1
Observation Comment: 4x			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 322	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700487

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LIVER	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	UTERINE CERVIX
VAGINA			

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 2-10, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; TAN; TGL2]			
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MINIMAL
MAMMARY GLAND		ADENOMA	
[ADENOMA TGLS = TGL 1-16, Gross Finding = LYMPH NODE, CERVICAL; ENLARGED; TAN; TGL1]			
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MINIMAL
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
	CYTOPLASMIC	VACUOLATION	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 324	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700489

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	LOBE, MEDIAN	NODULE	MOTTLED, TGL3
Observation Comment: 4x4x3 mm			
[NODULE TGLS = TGL3]			
LUNG	LOBE, LEFT	NODULE	WHITE, TGL2, 1
Observation Comment: 2x2x1 mm			
[NODULE TGLS = TGL2, 1]			
SKIN	RIGHT, ABDOMINAL	MASS	TAN, TGL1
Observation Comment: 8x8x6 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 324	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700489

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	
		MIXED CELL FOCUS	
[HEPATOCELLULAR ADENOMA TGLS = TGL 3-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL3]			
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
[HYPERPLASIA TGLS = TGL 2-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL2, 1]			
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MILD
SKIN		PLEOMORPHIC FIBROSARCOMA	
[PLEOMORPHIC FIBROSARCOMA TGLS = TGL 1-16, Gross Finding = SKIN; RIGHT, ABDOMINAL; MASS; TAN; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 325	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD394
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700490

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

Autolysis Precludes Examination

ADRENAL GLAND	HEART	LIVER	LUNG
NOSE	STOMACH, FORESTOMACH	URINARY BLADDER	UTERUS

No Section Present

OVARY

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Facial skin and right pinna missing due to cannibalization

ANIMAL ID: 326	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700491

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

HARDERIAN GLAND	LEFT	ENLARGED	TAN, TGL4
Observation Comment: 2x			
[ENLARGED TGLS = TGL4]			
LIVER	LOBE, MEDIAN	MASS	TAN, TGL1
	LOBE, MEDIAN	MASS	TAN, TGL2
Observation Comment: 11x9x8 mm			
Observation Comment: 6x4x3 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
PHARYNX		MASS	WHITE, TGL3, 1
Observation Comment: 7x5x3 mm			
[MASS TGLS = TGL3, 1]			

ANIMAL ID: 326	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700491

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

CAVITY	PALATE	SQUAMOUS CELL CARCINOMA	
Observation Comment: pharynx tissue not available			
[SQUAMOUS CELL CARCINOMA TGLS = TGL 3-17, Gross Finding = PHARYNX; MASS; WHITE; TGL3, 1]			
HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 4-10, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; TAN; TGL4]			
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 1-15, TGL 2-16			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-15, TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-15, TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL2]			
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MILD
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 330	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700495

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	MOTTLED, TGL3
	LOBE, MEDIAN	NODULE	MOTTLED, TGL4

Observation Comment: 20x15x11 mm
Observation Comment: 20x20x11 mm
Observation Comment: 11x8x5 mm
Observation Comment: 4x4x3 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]
[MASS TGLS = TGL3]
[NODULE TGLS = TGL4]

ANIMAL ID: 330	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700495

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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
TRACHEA	UTERINE CERVIX	VAGINA	

No Section Present

URINARY BLADDER

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 1-15, TGL 2-16, TGL 3-17, TGL 4-17

[HEPATOCELLULAR ADENOMA TGLS = TGL4-17, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL4]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-17, TGL1-15, TGL2-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-17, TGL1-15, TGL2-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-17, TGL1-15, TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MINIMAL
		POLYARTERITIS NODOSA	MODERATE
THYROID GLAND		POLYARTERITIS NODOSA	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 331	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700496

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
Observation Comment: 18x12x12 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 331	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700496

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
OVARY		HYPERPLASIA	TUBULOSTROMAL, MILD
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 332	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD563
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700497

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LUNG	LOBE, LEFT	MASS	TAN, TGL1
Observation Comment: 14x9x9 mm			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 332	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD563
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700497

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

PARATHYROID GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LUNG; LOBE, LEFT; MASS; TAN; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

CONTRIBUTORY CAUSE OF DEATH - LUNG; ALVEOLAR/BRONCHIOLAR CARCINOMA

ANIMAL ID: 333	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD697
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700498

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER		ENLARGED	MOTTLED, TGL2
Observation Comment: 1.25x, TGL2 involves all liver lobes			
[ENLARGED TGLS = TGL2]			
LUNG	LOBE, LEFT	FOCUS	TWO, WHITE, TGL3, 1, 2
Observation Comment: 1x1 mm			
[FOCUS TGLS = TGL3, 1, 2]			
NO CORRELATE		TO OBSERVATION / MASS	
SPLEEN		ENLARGED	RED, TGL1
Observation Comment: 27x9x5 mm			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 333	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD697
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700498

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND		HYPERPLASIA	SUBCAPSULAR, MILD
LIVER		HISTIOCYTIC SARCOMA	
Tissue Comment: TGL 2-6, TGL 2-15			
[HISTIOCYTIC SARCOMA TGLS = TGL2-6, Gross Finding = LIVER; ENLARGED; MOTTLED; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
		HISTIOCYTIC SARCOMA	
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 3-5, Gross Finding = LUNG; LOBE, LEFT; FOCUS; TWO, WHITE; TGL3, 1, 2]			
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MILD
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	MINIMAL
SPLEEN		HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 1-16, Gross Finding = SPLEEN; ENLARGED; RED; TGL1]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

CONTRIBUTORY CAUSE OF DEATH	- LIVER; HISTIOCYTIC SARCOMA

Animal Note: Nasal cavity did not flush

ANIMAL ID: 335	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700500

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
Observation Comment: 20x18x12 mm			
[MASS TGLS = TGL1]			
LYMPH NODE, AXILLARY	RIGHT	ENLARGED	TAN, TGL5
Observation Comment: 10x			
[ENLARGED TGLS = TGL5]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	CLEAR, TGL6
Observation Comment: 4mm dia			
[CYST TGLS = TGL6]			
SKIN	ABDOMINAL	CRUST	TAN, TGL4
	DORSAL	CRUST	TAN, TGL3
Observation Comment: 5x5 mm, TGL4 is ulcerated			
Observation Comment: 15x10 mm, TGL3 is ulcerated			
[CRUST TGLS = TGL4]			
[CRUST TGLS = TGL3]			
SPLEEN		ENLARGED	MOTTLED, TGL2
Observation Comment: 40x15x13 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 335	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700500

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

OBSERVATIONS

ADRENAL GLAND		HISTIOCYTIC SARCOMA	
Observation Comment: multicentric			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		LYMPHOMA	MALIGNANT
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
LUNG		HISTIOCYTIC SARCOMA	
LYMPH NODE	AXILLARY	HISTIOCYTIC SARCOMA	
	PANCREATIC	LYMPHOMA	MALIGNANT
[HISTIOCYTIC SARCOMA TGLS = TGL 5-17, Gross Finding = LYMPH NODE, AXILLARY; RIGHT; ENLARGED; TAN; TGL5]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
OVARY		CYST	
	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MILD
		MINERAL	MILD
[CYST TGLS = TGL6-12, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL6]			
PANCREAS			
Tissue Comment: pancreatic lymph node = lymphoma.			
SKIN		HISTIOCYTIC SARCOMA	
Tissue Comment: TGL 3-17, TGL 4-18			
[HISTIOCYTIC SARCOMA TGLS = TGL4-18, TGL3-17, Gross Finding = SKIN; ABDOMINAL; CRUST; TAN; TGL4]			
[HISTIOCYTIC SARCOMA TGLS = TGL4-18, TGL3-17, Gross Finding = SKIN; DORSAL; CRUST; TAN; TGL3]			

ANIMAL ID: 335	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700500

SPLEEN		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-16, Gross Finding = SPLEEN; ENLARGED; MOTTLED; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
CONTRIBUTORY CAUSE OF DEATH	- LIVER; LYMPHOMA; MALIGNANT		

ANIMAL ID: 337	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700502

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER		ENLARGED	MOTTLED, TGL1
	LOBE, LEFT	NODULE	TAN, TGL2
	RIGHT	NODULE	MOTTLED, TGL3

Observation Comment: 1.5x, TGL1 affects all liver lobes
Observation Comment: 5x3x2 mm
Observation Comment: posterior, 4x4x1 mm
[ENLARGED TGLS = TGL1]
[NODULE TGLS = TGL2]
[NODULE TGLS = TGL3]

ANIMAL ID: 337	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700502

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
INTESTINE, SMALL, JEJUNUM		LYMPHOMA	MALIGNANT
KIDNEY		LYMPHOMA	MALIGNANT
LIVER		HEPATOCELLULAR ADENOMA	
		HISTIOCYTIC SARCOMA	
		LYMPHOMA	MALIGNANT

Tissue Comment: TGL 1-15, TGL3-15, TGL2-6

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL2]

[HISTIOCYTIC SARCOMA TGLS = TGL1-15, TGL3-15, Gross Finding = LIVER; ENLARGED; MOTTLED; TGL1]

[HISTIOCYTIC SARCOMA TGLS = TGL1-15, TGL3-15, Gross Finding = LIVER; RIGHT; NODULE; MOTTLED; TGL3]

LYMPH NODE, MESENTERIC		HISTIOCYTIC SARCOMA	
OVARY		HYPERPLASIA	TUBULOSTROMAL, MARKED
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 340	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700505

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

ANIMAL ID: 340	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700505

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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	UTERINE CERVIX
VAGINA			

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
OVARY		LUTEOMA	
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 341	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700506

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
GALLBLADDER	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, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

EYE	RIGHT	SMALL	TGL5
Observation Comment: 0.1x			
[SMALL TGLS = TGL5]			
HARDERIAN GLAND	RIGHT	MASS	TAN, TGL4
Observation Comment: 7x6x4 mm			
[MASS TGLS = TGL4]			
LIVER	LOBE, LEFT	FOCUS	TAN, TWO, TGL1, 2
	LOBE, MEDIAN	FOCUS	TAN, TGL3
	RIGHT	FOCUS	TAN, TGL2
Observation Comment: 1x1 mm			
Observation Comment: 3x2 mm			
Observation Comment: anterior, 4x3 mm			
[FOCUS TGLS = TGL1, 2]			
[FOCUS TGLS = TGL3]			
[FOCUS TGLS = TGL2]			
LUNG		NODULE	TGL8
		NODULE	TGL6
		NODULE	TGL7
		NODULE	TGL10

ANIMAL ID: 341	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700506

NODULE TGL9

Tissue Comment: TGL 6-10 affects all lobes. Greater than 5 nodules present; largest 5 recorded.
Observation Comment: 3x3x2 mm
Observation Comment: 4x3x2 mm
Observation Comment: 3x2x2 mm
Observation Comment: 3x3x2 mm
[NODULE TGLS = TGL8]
[NODULE TGLS = TGL6]
[NODULE TGLS = TGL7]
[NODULE TGLS = TGL10]
[NODULE TGLS = TGL9]

ANIMAL ID: 341	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700506

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	GALLBLADDER
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

EYE		PHTHISIS BULBI	
[PHTHISIS BULBI TGLS = TGL 5-10, Gross Finding = EYE; RIGHT; SMALL; TGL5]			
HARDERIAN GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL4-10, Gross Finding = HARDERIAN GLAND; RIGHT; MASS; TAN; TGL4]			
LIVER		CLEAR CELL FOCUS	MULTIPLE
		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 1-17, TGL 3-15, TGL 2-16			
[CLEAR CELL FOCUS TGLS = TGL1-17, Gross Finding = LIVER; LOBE, LEFT; FOCUS; TAN, TWO; TGL1, 2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; TAN; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-15, TGL2-16, Gross Finding = LIVER; RIGHT; FOCUS; TAN; TGL2]			
LUNG		ADENOCARCINOMA	METASTATIC
Tissue Comment: TGL 6-5, TGL 7-5, TGL 8-5, TGL 9-5, TGL 10-5			
Observation Comment: harderian gland = primary			
[ADENOCARCINOMA TGLS = TGL6-5, TGL9-5, TGL10-5, TGL7-5, TGL8-5, Gross Finding = LUNG; NODULE; TGL10]			
[ADENOCARCINOMA TGLS = TGL6-5, TGL9-5, TGL10-5, TGL7-5, TGL8-5, Gross Finding = LUNG; NODULE; TGL6]			
[ADENOCARCINOMA TGLS = TGL6-5, TGL9-5, TGL10-5, TGL7-5, TGL8-5, Gross Finding = LUNG; NODULE; TGL7]			
[ADENOCARCINOMA TGLS = TGL6-5, TGL9-5, TGL10-5, TGL7-5, TGL8-5, Gross Finding = LUNG; NODULE; TGL8]			
[ADENOCARCINOMA TGLS = TGL6-5, TGL9-5, TGL10-5, TGL7-5, TGL8-5, Gross Finding = LUNG; NODULE; TGL9]			
OVARY		HYPERPLASIA	TUBULOSTROMAL, MILD
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

ANIMAL ID: 341	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700506

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 342	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700507

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	TAN, TGL4
	LOBE, MEDIAN	NODULE	TAN, TGL5
Observation Comment: 5x4x2 mm			
Observation Comment: 2x2x2 mm			
[NODULE TGLS = TGL4]			
[NODULE TGLS = TGL5]			
LUNG		NODULE	WHITE, TGL2, 1
Observation Comment: pleura, multiple, up to 5x5 mm, TGL2 = parietal pleura only; greater than five present.			
[NODULE TGLS = TGL2, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
SKELETAL MUSCLE	DIAPHRAGM	NODULE	>FIVE, WHITE, TGL1, 2
Observation Comment: multiple, up to 5x5 mm			
[NODULE TGLS = TGL1, 2]			
THORAX		ACCUMULUATION	RED, TGL3
Observation Comment: cavity, 3mL, TGL3= NST			
[ACCUMULUATION TGLS = TGL3]			

ANIMAL ID: 342	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700507

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

BONE		OSTEOSARCOMA	
[OSTEOSARCOMA TGLS = TGL 2-15, Gross Finding = LUNG; NODULE; WHITE; TGL2, 1]			
CAVITY	THORACIC	NO CORRESPONDING LESION	
Tissue Comment: TGL 3-NoSlide			
[NO CORRESPONDING LESION TGLS = TGL 3-NOSLIDE, Gross Finding = THORAX; ACCUMULUATION; RED; TGL3]			
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 4-17, TGL 5-6			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-17, TGL5-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL4]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-17, TGL5-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL5]			
LUNG	PLEURA	OSTEOSARCOMA	METASTATIC
		OSTEOSARCOMA	METASTATIC
Observation Comment: primary = bone			
[OSTEOSARCOMA TGLS = TGL 2-15, Gross Finding = LUNG; NODULE; WHITE; TGL2, 1]			
[OSTEOSARCOMA TGLS = TGL 2-15, Gross Finding = LUNG; NODULE; WHITE; TGL2, 1]			
LYMPH NODE, MEDIASTINAL		OSTEOSARCOMA	METASTATIC
OVARY		HYPERPLASIA	TUBULOSTROMAL, MILD
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
SKELETAL MUSCLE		OSTEOSARCOMA	METASTATIC
[OSTEOSARCOMA TGLS = TGL 1-16, Gross Finding = SKELETAL MUSCLE; DIAPHRAGM; NODULE; >FIVE, WHITE; TGL1, 2]			
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 342	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD669
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700507

CONTRIBUTORY CAUSE OF DEATH - BONE; OSTEOSARCOMA

ANIMAL ID: 344	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD725
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700509

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

MAMMARY GLAND	LEFT, ABDOMINAL	MASS	TAN, TGL1
	RIGHT, ABDOMINAL	MASS	TAN, TGL3
	RIGHT, ABDOMINAL	MASS	TAN, TGL2

Observation Comment: 15x15x10 mm
Observation Comment: 15x9x4 mm
Observation Comment: 14x11x7 mm
[MASS TGLS = TGL1]
[MASS TGLS = TGL3]
[MASS TGLS = TGL2]

ANIMAL ID: 344	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD725
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700509

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

No Section Present

URINARY BLADDER

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
LYMPH NODE, MEDIASTINAL		FIBROSARCOMA	METASTATIC
Observation Comment: skin = primary			
MESENTERY	ADIPOSE TISSUE	FIBROSARCOMA	METASTATIC
Observation Comment: skin = primary			
NOSE	STENO'S GLAND	ATROPHY	MINIMAL
OVARY		HYPERPLASIA	TUBULOSTROMAL, MINIMAL
SKIN		FIBROSARCOMA	
Tissue Comment: TGL 1-15, TGL 2-16, TGL 3-17			
[FIBROSARCOMA TGLS = TGL3-17, TGL1-15, TGL2-16, Gross Finding = MAMMARY GLAND; LEFT, ABDOMINAL; MASS; TAN; TGL1]			
[FIBROSARCOMA TGLS = TGL3-17, TGL1-15, TGL2-16, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; TAN; TGL2]			
[FIBROSARCOMA TGLS = TGL3-17, TGL1-15, TGL2-16, Gross Finding = MAMMARY GLAND; RIGHT, ABDOMINAL; MASS; TAN; TGL3]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

CONTRIBUTORY CAUSE OF DEATH - SKIN; FIBROSARCOMA

ANIMAL ID: 345	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD714
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700510

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	DARK, TGL1
Observation Comment: 3x			
[ENLARGED TGLS = TGL1]			
LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL4
Observation Comment: 20x20x13 mm			
[MASS TGLS = TGL4]			
MESENTERY		NODULE	MOTTLED, TGL2
Observation Comment: fat, 10x10x4 mm			
[NODULE TGLS = TGL2]			
SPLEEN		ENLARGED	TGL3
Observation Comment: 29x13x9 mm			
[ENLARGED TGLS = TGL3]			

ANIMAL ID: 345	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD714
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700510

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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	

No Section Present

LYMPH NODE, BRONCHIAL	OVARY

OBSERVATIONS

ADRENAL GLAND		HEPATOCELLULAR CARCINOMA	METASTATIC
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; DARK; TGL1]			
KIDNEY		LYMPHOMA	MALIGNANT
LIVER		HEPATOCELLULAR CARCINOMA	
		LYMPHOMA	MALIGNANT
[HEPATOCELLULAR CARCINOMA TGLS = TGL 4-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL4]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
LYMPH NODE	PANCREATIC	LYMPHOMA	MALIGNANT
MESENTERY	ADIPOSE TISSUE	NECROSIS	MODERATE
[NECROSIS TGLS = TGL 2-17, Gross Finding = MESENTERY; NODULE; MOTTLED; TGL2]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 3-6, Gross Finding = SPLEEN; ENLARGED; TGL3]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 346	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD484
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700511

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	NOSE	OVARY - LEFT
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SPINAL CORD	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

MESENTERY	MASS	WHITE, TGL1, 1
Observation Comment: Retroperitoneum; 35 X 25 X 15 mm (consistent with an abscess)		
[MASS TGLS = TGL1, 1]		
SKIN	CRUST	TAN, TGL3
Observation Comment: Left Back; 3 X 3 mm		
[CRUST TGLS = TGL3]		
SPLEEN	ENLARGED	RED, TGL2
Observation Comment: 28 X 7 X 3 mm		
[ENLARGED TGLS = TGL2]		

ANIMAL ID: 346	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD484
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700511

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	GALLBLADDER	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

Autolysis Precludes Examination

URINARY BLADDER

No Section Present

ADRENAL GLAND

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MARKED
KIDNEY		INFARCT	MULTIPLE, MARKED
	PELVIS	INFLAMMATION	SUPPURATIVE, MARKED
LIVER		EXTRAMEDULLARY HEMATOPOIESIS	MARKED
LYMPH NODE	RENAL	INFLAMMATION	SUPPURATIVE, MARKED
MESENTERY	ADIPOSE TISSUE	INFLAMMATION	SUPPURATIVE
[INFLAMMATION TGLS = TGL 1-15, Gross Finding = MESENTERY; MASS; WHITE; TGL1, 1]			
OVARY		INFLAMMATION	SUPPURATIVE, MODERATE
SKIN		INFLAMMATION	SUPPURATIVE, MARKED
[INFLAMMATION TGLS = TGL 3-15, Gross Finding = SKIN; CRUST; TAN; TGL3]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-16, Gross Finding = SPLEEN; ENLARGED; RED; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - KIDNEY; INFLAMMATION; PELVIS; SUPPURATIVE

ANIMAL ID: 347	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700512

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
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, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

INTESTINE, LARGE, CECUM		NODULE	TAN, TGL3
Observation Comment: 8x4x4 mm			
[NODULE TGLS = TGL3]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, LEFT	MASS	MOTTLED, TGL2
Observation Comment: 24x18x12 mm			
Observation Comment: 11x8x8 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			

ANIMAL ID: 347	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700512

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 1-15, TGL 2-16

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, TGL2-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, TGL2-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]

LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
MESENTERY	ADIPOSE TISSUE	NECROSIS	MINIMAL

[NECROSIS TGLS = TGL 3-15, Gross Finding = INTESTINE, LARGE, CECUM; NODULE; TAN; TGL3]

NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
OVARY		ANGIECTASIS	MILD
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 348	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700513

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	NOSE	OVARY - LEFT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	LOBE, MEDIAN	NODULE	TAN, TGL3
Observation Comment: 4x3x2 mm, found at trim			
[NODULE TGLS = TGL3]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	RIGHT	CYST	CLEAR, TGL2
Observation Comment: 3x3x3 mm			
[CYST TGLS = TGL2]			
SPLEEN		MASS	RED, TGL1
Observation Comment: 10x7x7 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 348	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700513

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

OBSERVATIONS

LIVER		HEPATOCELLULAR ADENOMA	
		NECROSIS	MINIMAL
[HEPATOCELLULAR ADENOMA TGLS = TGL 3-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL3]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MILD
		NO CORRESPONDING LESION	
Tissue Comment: TGL 2-12			
[NO CORRESPONDING LESION TGLS = TGL 2-12, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL2]			
SPLEEN		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-15, Gross Finding = SPLEEN; MASS; RED; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 349	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD581
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700514

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	RED, TGL1
Observation Comment: dark, 15x15x15 mm			
[MASS TGLS = TGL1]			
LUNG	LOBE, LEFT	NODULE	WHITE, TGL2, 1
Observation Comment: 3x3x2 mm, found at trim			
[NODULE TGLS = TGL2, 1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 349	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD581
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700514

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

HARDERIAN GLAND	BILATERAL	ADENOMA	
HEART		CARDIOMYOPATHY	MILD
LIVER		HEPATOCELLULAR CARCINOMA	
		HISTIOCYTIC SARCOMA	
Tissue Comment: TGL 1-15, TGL 1-6			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, Gross Finding = LIVER; LOBE, LEFT; MASS; RED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 2-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL2, 1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MINIMAL
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 350	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700515

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	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	UTERINE CERVIX	VAGINA	

OBSERVATIONS

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
OVARY		HYPERPLASIA	TUBULOSTROMAL, MILD
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 671	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700676

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

HEART	RIGHT, VENTRICLE	NODULE	TAN, TGL1
Observation Comment: 3x3x3 mm			
[NODULE TGLS = TGL1]			
STOMACH, FORESTOMACH		NODULE	TAN, TGL2
Observation Comment: 3x2x2 mm, found at trim			
[NODULE TGLS = TGL2]			

ANIMAL ID: 671	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700676

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
OVARY	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX

No Section Present

PITUITARY GLAND

OBSERVATIONS

ADRENAL GLAND		HEMORRHAGE	MARKED
	CORTEX	NECROSIS	MODERATE
HARDERIAN GLAND		HYPERPLASIA	MILD
HEART	ATRIUM	INFLAMMATION	SUPPURATIVE, MODERATE
	ATRIUM	THROMBUS	MARKED
[THROMBUS TGLS = TGL 1-6, Gross Finding = HEART; RIGHT, VENTRICLE; NODULE; TAN; TGL1]			
LIVER		NECROSIS	MULTIFOCAL, MARKED
LUNG		HEMORRHAGE	MODERATE
LYMPH NODE, MANDIBULAR		HEMORRHAGE	MILD
NOSE	GLAND	HYALINE DROPLET ACCUMULATION	MINIMAL
STOMACH, FORESTOMACH		HYPERKERATOSIS	MARKED
	EPITHELIUM	HYPERPLASIA	SQUAMOUS, MARKED
[HYPERPLASIA TGLS = TGL 2-8, Gross Finding = STOMACH, FORESTOMACH; NODULE; TAN; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
VAGINA		HEMORRHAGE	MODERATE

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

ANIMAL ID: 672	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700677

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	RIGHT	MASS	MOTTLED, TGL1
	RIGHT	MASS	MOTTLED, TGL2

Observation Comment: anterior, 20x16x14 mm
Observation Comment: posterior, 9x7x5 mm
[MASS TGLS = TGL1]
[MASS TGLS = TGL2]

ANIMAL ID: 672	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700677

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	CLITORAL GLAND
ESOPHAGUS	EYE	GALLBLADDER	HARDERIAN GLAND
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	OVARY	PANCREAS
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	UTERUS
VAGINA			

No Section Present

PARATHYROID GLAND

OBSERVATIONS

ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD
BRAIN	CEREBRUM	MINERAL	MILD
HEART		CARDIOMYOPATHY	MINIMAL
	ATRIOVENTRICULAR VALVE	THROMBUS	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 1-15, TGL 2-16

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, TGL2-16, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, TGL2-16, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL2]

ANIMAL ID: 673	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700678

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

KIDNEY	RIGHT	NODULE	WHITE, TGL6, 1
Observation Comment: 3x3x2 mm, found at trim			
[NODULE TGLS = TGL6, 1]			
LYMPH NODE	RENAL	ENLARGED	TAN, THREE, TGL4, 2
Observation Comment: 10x			
[ENLARGED TGLS = TGL4, 2]			
LYMPH NODE, MANDIBULAR		ENLARGED	TAN, TGL1
Observation Comment: 4x			
[ENLARGED TGLS = TGL1]			
LYMPH NODE, MEDIASTINAL		ENLARGED	TAN, TGL5
Observation Comment: 6x			
[ENLARGED TGLS = TGL5]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TWO, TGL3, 2
Observation Comment: 4x			
[ENLARGED TGLS = TGL3, 2]			
SPLEEN		ENLARGED	MOTTLED, TGL2
Observation Comment: 38x16x9 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 673	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700678

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL
MAMMARY GLAND	PANCREAS	PARATHYROID GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	

OBSERVATIONS

BRAIN		MINERAL	MILD
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, ILEUM		LYMPHOMA	MALIGNANT
KIDNEY		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 6-7, TGL 6-19			
[LYMPHOMA TGLS = TGL6-7, Gross Finding = KIDNEY; RIGHT; NODULE; WHITE; TGL6, 1]			
LIVER		INFILTRATION CELLULAR	MAST CELL, MODERATE
		LYMPHOMA	MALIGNANT
LUNG	PERIVASCULAR	INFILTRATION CELLULAR	LYMPHOHISTIOCYTIC, MARKED
		LYMPHOMA	MALIGNANT
LYMPH NODE	RENAL	LYMPHOMA	MALIGNANT
Tissue Comment: TGL 4-16, TGL 4-18			
[LYMPHOMA TGLS = TGL4-16, Gross Finding = LYMPH NODE; RENAL; ENLARGED; TAN, THREE; TGL4, 2]			
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-11, Gross Finding = LYMPH NODE, MANDIBULAR; ENLARGED; TAN; TGL1]			
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 5-9, TGL 5-17			
[LYMPHOMA TGLS = TGL5-9, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TAN; TGL5]			
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 3-8, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN, TWO; TGL3, 2]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MILD
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY		LYMPHOMA	MALIGNANT
PITUITARY GLAND		LYMPHOMA	MALIGNANT

ANIMAL ID: 673	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700678

SPLEEN		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-15, Gross Finding = SPLEEN; ENLARGED; MOTTLED; TGL2]			
THYMUS		LYMPHOMA	MALIGNANT
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		LYMPHOMA	MALIGNANT
VAGINA		LYMPHOMA	MALIGNANT

ANIMAL ID: 675	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700680

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	RIGHT	NODULE	MOTTLED, TGL2

Observation Comment: 20x16x10 mm
Observation Comment: anterior, 4x4x3 mm
[MASS TGLS = TGL1]
[NODULE TGLS = TGL2]

ANIMAL ID: 675	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700680

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX			

OBSERVATIONS

ADRENAL GLAND		ACCESSORY ADRENOCORTICAL NODULE	
	SUBCAPSULAR	HYPERPLASIA	MILD
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	LYMPHOID TISSUE	INFLAMMATION	MODERATE
LARYNX			
Tissue Comment: epiglottis not present; remainder of larynx normal histology.			
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	
		INFILTRATION CELLULAR	LYMPHOHISTIOCYTIC, MODERATE
Tissue Comment: TGL 2-16, TGL 1-15			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-16, Gross Finding = LIVER; RIGHT; NODULE; MOTTLED; TGL2]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
LYMPH NODE, MESENTERIC	LYMPHOCYTE	HYPERPLASIA	MODERATE
OVARY		INFILTRATION CELLULAR	LYMPHOHISTIOCYTIC, MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
URINARY BLADDER	EPITHELIUM	HYPERPLASIA	MINIMAL
	SUBMUCOSA	INFILTRATION CELLULAR	LYMPHOHISTIOCYTIC, MODERATE
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
VAGINA		INFLAMMATION	SUPPURATIVE, MILD

ANIMAL ID: 351	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700516

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
Observation Comment: 18 X 16 X 10 mm			
[MASS TGLS = TGL1]			
LUNG		MASS	WHITE, TGL2, 1
		NODULE	RED, TGL3
Observation Comment: Right Caudal lobe; 6 X 6 X 5 mm			
Observation Comment: Right Cranial lobe; 2 X 2 X 1 mm			
[MASS TGLS = TGL2, 1]			
[NODULE TGLS = TGL3]			

ANIMAL ID: 351	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700516

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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

HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 2-5, TGL 3-5			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL2-5, TGL3-5, Gross Finding = LUNG; MASS; WHITE; TGL2, 1]			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL2-5, TGL3-5, Gross Finding = LUNG; NODULE; RED; TGL3]			
OVARY		HYPERPLASIA	TUBULOSTROMAL, MARKED
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 352	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700517

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TONGUE
TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL2
		MASS	MOTTLED, TGL1
	LOBE, LEFT	NODULE	TAN, TGL3
		NODULE	TAN, TGL4

Observation Comment: 7 X 6 X 4 mm
Observation Comment: Right Anterior Lobe; 14 X 13 X 10 mm
Observation Comment: 3 X 3 X 1 mm
Observation Comment: Right Posterior Lobe; 2 X 2 X 1 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]
[NODULE TGLS = TGL3]
[NODULE TGLS = TGL4]

STOMACH, FORESTOMACH	NODULE	WHITE, TGL5, 1

Observation Comment: 4 X 3 X 2 mm
[NODULE TGLS = TGL5, 1]

ANIMAL ID: 352	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700517

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
		NO CORRESPONDING LESION	

Tissue Comment: TGL 1-15, TGL 2-6, TGL 3-16, TGL 4-17

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL3]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL3-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, Gross Finding = LIVER; MASS; MOTTLED; TGL1]

[NO CORRESPONDING LESION TGLS = TGL4-17, Gross Finding = LIVER; NODULE; TAN; TGL4]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
OVARY		HYPERPLASIA	TUBULOSTROMAL, MARKED
STOMACH, FORESTOMACH		PAPILLOMA	

[PAPILLOMA TGLS = TGL 5-8, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL5, 1]

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 353	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700518

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL2
	LOBE, MEDIAN	MASS	MOTTLED, TGL5
	LOBE, MEDIAN	NODULE	TAN, TGL6
Observation Comment: 23 X 12 X 7 mm			
Observation Comment: 8 X 7 X 3 mm; found at trim			
Observation Comment: 4 X 4 X 2 mm; found at trim			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL5]			
[NODULE TGLS = TGL6]			
LUNG		NODULE	FIVE, TAN, 1, TGL1
Tissue Comment: Greater than 5 nodules present, larges 5 recorded			
Observation Comment: 4 X 3 X 3 mm; all lobes affected			
[NODULE TGLS = 1, TGL1]			
OVARY	LEFT	SMALL	TGL3
Observation Comment: 0.5 X, found at trim			
[SMALL TGLS = TGL3]			
THYROID GLAND	LEFT	ENLARGED	MOTTLED, TGL4
Observation Comment: 3 X, found at trim			
[ENLARGED TGLS = TGL4]			

ANIMAL ID: 353	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700518

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 2-15, TGL 5-6, TGL 6-6			
[HEPATOCELLULAR ADENOMA TGLS = TGL6-6, TGL5-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL5]			
[HEPATOCELLULAR ADENOMA TGLS = TGL6-6, TGL5-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL6]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL2]			
LUNG		HEPATOCELLULAR CARCINOMA	METASTATIC
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-5, Gross Finding = LUNG; NODULE; FIVE, TAN; 1, TGL1]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
OVARY		ATROPHY	MILD
[ATROPHY TGLS = TGL 3-12, Gross Finding = OVARY; LEFT; SMALL; TGL3]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
THYROID GLAND	FOLLICULAR CELL	ADENOMA	
[ADENOMA TGLS = TGL 4-7, Gross Finding = THYROID GLAND; LEFT; ENLARGED; MOTTLED; TGL4]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LUNG; HEPATOCELLULAR CARCINOMA; METASTATIC

ANIMAL ID: 354	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700519

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - RIGHT	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

HARDERIAN GLAND	RIGHT	NODULE	TAN, TGL11
Observation Comment: 5 X 4 X 2 mm			
[NODULE TGLS = TGL11]			
KIDNEY	LEFT	CYST	CLEAR, TGL1
Observation Comment: 2 mm dia			
[CYST TGLS = TGL1]			
LIVER		FOCUS	WHITE, TGL5, 1
	CAUDATE LOBE	MASS	TAN, TGL8
	LOBE, LEFT	MASS	TAN, TGL6
		MASS	RED, TGL9
		MASS	TAN, TGL10
	LOBE, MEDIAN	NODULE	TAN, TGL7
Observation Comment: multiple, up to 2 X 2 mm; all lobes affected.			
Observation Comment: 6 X 4 X 2 mm			
Observation Comment: 7 X 6 X 2 mm			
Observation Comment: Right Posterior Lobe, 10 X 9 X 3 mm			
Observation Comment: Right Anterior Lobe, 8 X 6 X 3 mm			
Observation Comment: 5 X 4 X 2 mm			
[FOCUS TGLS = TGL5, 1]			

ANIMAL ID: 354	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700519

[MASS TGLS = TGL8]			
[MASS TGLS = TGL6]			
[MASS TGLS = TGL9]			
[MASS TGLS = TGL10]			
[NODULE TGLS = TGL7]			
LUNG	LOBE, LEFT	NODULE	FOUR, WHITE, TGL2, 2
	RIGHT LOBE	NODULE	WHITE, TGL3, 1
Observation Comment: up to 3 X 3 X 2 mm			
Observation Comment: caudal, 4 X 3 X 2 mm			
[NODULE TGLS = TGL2, 2]			
[NODULE TGLS = TGL3, 1]			
SKIN	RIGHT, ABDOMINAL	CRUST	TAN, TGL13
Observation Comment: 6 X 6 mm			
[CRUST TGLS = TGL13]			
URINARY BLADDER	LUMEN	NODULE	WHITE, TGL12, 1
Observation Comment: 2 X 2 X 1 mm			
[NODULE TGLS = TGL12, 1]			
UTERUS		MASS	MOTTLED, TGL4
Observation Comment: left horn, 10 X 10 X 5 mm			
[MASS TGLS = TGL4]			

ANIMAL ID: 354	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700519

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	MAMMARY GLAND
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA			

No Section Present

LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 11-10, Gross Finding = HARDERIAN GLAND; RIGHT; NODULE; TAN; TGL11]			
KIDNEY	RENAL TUBULE	ADENOMA	
[ADENOMA TGLS = TGL 1-7, Gross Finding = KIDNEY; LEFT; CYST; CLEAR; TGL1]			
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	
		HISTIOCYTIC SARCOMA	
		TENSION LIPIDOSIS	MINIMAL
Tissue Comment: TGL 5-15, TGL 6-6, TGL 6-16, TGL 7-6, TGL 7-15, TGL 8-16, TGL 9-17, TGL 10-18			
[HEPATOCELLULAR ADENOMA TGLS = TGL9-17, Gross Finding = LIVER; MASS; RED; TGL9]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL6-6, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL6]			
[HISTIOCYTIC SARCOMA TGLS = TGL7-6, TGL10-18, TGL8-16, TGL5-15, Gross Finding = LIVER; CAUDATE LOBE; MASS; TAN; TGL8]			
[HISTIOCYTIC SARCOMA TGLS = TGL7-6, TGL10-18, TGL8-16, TGL5-15, Gross Finding = LIVER; FOCUS; WHITE; TGL5, 1]			
[HISTIOCYTIC SARCOMA TGLS = TGL7-6, TGL10-18, TGL8-16, TGL5-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL7]			
[HISTIOCYTIC SARCOMA TGLS = TGL7-6, TGL10-18, TGL8-16, TGL5-15, Gross Finding = LIVER; MASS; TAN; TGL10]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 2-5, TGL 3-5			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL3-5, TGL2-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; FOUR, WHITE; TGL2, 2]			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL3-5, TGL2-5, Gross Finding = LUNG; RIGHT LOBE; NODULE; WHITE; TGL3, 1]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
OVARY		TUBULOSTROMAL ADENOMA	

ANIMAL ID: 354	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD729
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700519

SKIN	EPITHELIAL CELL	HYPERPLASIA	MILD
[HYPERPLASIA TGLS = TGL 13-19, Gross Finding = SKIN; RIGHT, ABDOMINAL; CRUST; TAN; TGL13]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
URINARY BLADDER		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 12-7, Gross Finding = URINARY BLADDER; LUMEN; NODULE; WHITE; TGL12, 1]			
UTERINE CERVIX		HISTIOCYTIC SARCOMA	
UTERUS		HISTIOCYTIC SARCOMA	
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
Tissue Comment: TGL 4-13, TGL 4-14			
[HISTIOCYTIC SARCOMA TGLS = TGL4-13, Gross Finding = UTERUS; MASS; MOTTLED; TGL4]			
VAGINA		HISTIOCYTIC SARCOMA	

CONTRIBUTORY CAUSE OF DEATH - LIVER; HISTIOCYTIC SARCOMA

Animal Note: Left pinna is partially missing due to cannibalization.

ANIMAL ID: 355	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700520

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	FOCUS	TAN, TGL3
	LOBE, MEDIAN	FOCUS	TAN, TGL2
Observation Comment: 2 X 2 mm			
Observation Comment: 3 X 2 mm			
[FOCUS TGLS = TGL3]			
[FOCUS TGLS = TGL2]			
LUNG		NODULE	WHITE, TGL1, 1
Observation Comment: Right Caudal Lobe, 5 X 4 X 2 mm			
[NODULE TGLS = TGL1, 1]			

ANIMAL ID: 355	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700520

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	GALLBLADDER	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	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX, SUBCAPSULAR	ADENOMA	
	CORTEX, SUBCAPSULAR	HYPERPLASIA	MILD
Observation Comment: subcapsular type B cell			
EYE	CORNEA	HYPERPLASIA	SQUAMOUS, MINIMAL
HARDERIAN GLAND		HYPERPLASIA	MODERATE
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 2-15, TGL 3-16			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; FOCUS; TAN; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, TGL3-16, Gross Finding = LIVER; LOBE, MEDIAN; FOCUS; TAN; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL1-5, Gross Finding = LUNG; NODULE; WHITE; TGL1, 1]			
LYMPH NODE, MESENTERIC		HEMORRHAGE	MILD
		PIGMENT	MODERATE
		THROMBUS	
NOSE		FOREIGN BODY	
OVARY	RETE OVARII	ADENOMA	
		GRANULOSA CELL TUMOR	BENIGN
		HYPERPLASIA	TUBULOSTROMAL, MODERATE
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		INFILTRATION CELLULAR	MONONUCLEAR CELL, MINIMAL

ANIMAL ID: 355	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700520

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 356	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD628
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700521

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	MASS	MOTTLED, TGL1
Observation Comment: Right Posterior Lobe; 20 X 15 X 10 mm		
[MASS TGLS = TGL1]		
NO CORRELATING LESION	TO OBSERVATION / MASS	

ANIMAL ID: 356	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD628
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700521

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	ESOPHAGUS	EYE	GALLBLADDER
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
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

No Section Present

CLITORAL GLAND

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LIVER; MASS; MOTTLED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MILD
		INFLAMMATION	SUPPURATIVE, MILD
		ULCER	MILD
THYMUS		INFLAMMATION	GRANULOMATOUS, MILD
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

Animal Note: Animal is thin but not pathologically correlated

ANIMAL ID: 357	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700522

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ADRENAL GLAND	BILATERAL	ENLARGED	MOTTLED, TGL6
Observation Comment: 2 X			
[ENLARGED TGLS = TGL6]			
LIVER	CAUDATE LOBE	MASS	MOTTLED, TGL2
	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	MOTTLED, TGL3
Observation Comment: 18 X 10 X 8 mm			
Observation Comment: 27 X 25 X 14 mm			
Observation Comment: 8 X 6 X 6 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL3]			
LYMPH NODE, MEDIASTINAL		ENLARGED	TGL7
Observation Comment: 3 X, found at trim			
[ENLARGED TGLS = TGL7]			
MESENTERY		NODULE	YELLOW, TGL5, 1
Observation Comment: Fat; 6 X 4 X 1 mm			
[NODULE TGLS = TGL5, 1]			
SPLEEN		MASS	MOTTLED, TGL4

ANIMAL ID: 357	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700522

Observation Comment: 13 X 8 X 8 mm
[MASS TGLS = TGL4]

ANIMAL ID: 357	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700522

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX, SUBCAPSULAR	ADENOMA	
[ADENOMA TGLS = TGL 6-9, Gross Finding = ADRENAL GLAND; BILATERAL; ENLARGED; MOTTLED; TGL6]			
HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	MULTIPLE
		HEMANGIOSARCOMA	
		HEPATOCELLULAR ADENOMA	MULTIPLE
		HISTIOCYTIC SARCOMA	
Tissue Comment: TGL 1-15, TGL 2-17, TGL 3-18			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-15, TGL2-17, TGL3-18, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-15, TGL2-17, TGL3-18, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-15, TGL2-17, TGL3-18, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	LYMPHOCYTE, MODERATE
[HYPERPLASIA TGLS = TGL 7-9, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TGL7]			
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MODERATE
MESENTERY	ADIPOSE TISSUE	NECROSIS	
[NECROSIS TGLS = TGL 5-19, Gross Finding = MESENTERY; NODULE; YELLOW; TGL5, 1]			
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MARKED
SPLEEN		HEMANGIOSARCOMA	
[HEMANGIOSARCOMA TGLS = TGL 4-16, Gross Finding = SPLEEN; MASS; MOTTLED; TGL4]			
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MINIMAL
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MILD

ANIMAL ID: 357	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700522

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 358	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700523

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

HARDERIAN GLAND	BILATERAL	ENLARGED	TAN, TGL5
Observation Comment: 2 X			
[ENLARGED TGLS = TGL5]			
LIVER	CAUDATE LOBE	MASS	TAN, TGL3
	LOBE, MEDIAN	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	MOTTLED, TGL2
		NODULE	MOTTLED, TGL4
Observation Comment: 4 X 4 X 3 mm			
Observation Comment: 18 X 17 X 10 mm			
Observation Comment: 8 X 8 X 5 mm			
Observation Comment: Right Anterior Lobe; 3 X 3 X 3 mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
[NODULE TGLS = TGL4]			

ANIMAL ID: 358	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700523

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
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	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	BILATERAL, CORTEX, SUBCAPSULAR	HYPERPLASIA	MARKED
HARDERIAN GLAND	BILATERAL	ADENOMA	
[ADENOMA TGLS = TGL 5-10, Gross Finding = HARDERIAN GLAND; BILATERAL; ENLARGED; TAN; TGL5]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE
		MIXED CELL FOCUS	MULTIPLE
Tissue Comment: TGL 1-15, TGL 3-16, TGL 4-17, TGL 2-6			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL3-16, TGL1-15, TGL4-17, Gross Finding = LIVER; CAUDATE LOBE; MASS; TAN; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL3-16, TGL1-15, TGL4-17, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL3-16, TGL1-15, TGL4-17, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-6, TGL3-16, TGL1-15, TGL4-17, Gross Finding = LIVER; NODULE; MOTTLED; TGL4]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MARKED
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 359	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD227
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700524

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

NO CORRELATE	TO OBSERVATION / MASS	
THYMUS	ENLARGED	TAN, TGL1
Observation Comment: 15x10x8mm		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 359	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD227
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700524

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERINE CERVIX	VAGINA

No Section Present

ADRENAL GLAND	PITUITARY GLAND

OBSERVATIONS

HEART		LYMPHOMA	MALIGNANT
KIDNEY		LYMPHOMA	MALIGNANT
LUNG		LYMPHOMA	MALIGNANT
THYMUS		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-9, Gross Finding = THYMUS; ENLARGED; TAN; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH	- HEART; LYMPHOMA; MALIGNANT

ANIMAL ID: 360	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700525

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

HARDERIAN GLAND	RIGHT	MASS	WHITE, TGL3, 1
Observation Comment: 9 X 8 X 7 mm			
[MASS TGLS = TGL3, 1]			
LIVER	LOBE, LEFT	NODULE	TAN, TGL2
	LOBE, MEDIAN	NODULE	TAN, TGL1
Observation Comment: 2 X 2 X 1 mm			
Observation Comment: 2 X 2 X 2 mm			
[NODULE TGLS = TGL2]			
[NODULE TGLS = TGL1]			
LUNG	ACCESSORY LOBE	MASS	WHITE, TGL4, 1
Observation Comment: 10 X 8 X 6 mm			
[MASS TGLS = TGL4, 1]			

ANIMAL ID: 360	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD645
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700525

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

No Section Present

LYMPH NODE, MESENTERIC

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 3-10, Gross Finding = HARDERIAN GLAND; RIGHT; MASS; WHITE; TGL3, 1]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		TENSION LIPIDOSIS	MINIMAL
Tissue Comment: TGL 1-6, TGL 1-15, TGL 2-16			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, TGL2-16, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 4-5, Gross Finding = LUNG; ACCESSORY LOBE; MASS; WHITE; TGL4, 1]			
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MILD
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LUNG; ALVEOLAR/BRONCHIOLAR CARCINOMA

Animal Note: Right Eye shut but not pathologically correlated

ANIMAL ID: 361	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD726
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700526

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL2
		MASS	MOTTLED, TGL3
	LOBE, LEFT	NODULE	MOTTLED, TGL6
	LOBE, MEDIAN	NODULE	MOTTLED, TGL5
		NODULE	MOTTLED, TGL4

Tissue Comment: Additional liver nodules present. Five largest masses/nodules recorded
Observation Comment: 11 X 10 X 3 mm
Observation Comment: Right Anterior Lobe; 10 X 5 X 3 mm
Observation Comment: 5x4x2mm
Observation Comment: 3 X 2 X 1 mm
Observation Comment: Right Posterior Lobe; 5 X 5 X 2 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL3]
[NODULE TGLS = TGL6]
[NODULE TGLS = TGL5]
[NODULE TGLS = TGL4]

LUNG	LOBE, MIDDLE, RIGHT	MASS	TAN, TGL7
		MASS	TAN, TGL9

ANIMAL ID: 361	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD726
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700526

		NODULE	TAN, TGL8
Observation Comment: 7 X 4 X 2 mm			
Observation Comment: Right Caudal Lobe; 9 X 8 X 3 mm			
Observation Comment: up to 2x2x2 mm; Affects all lung lobes, multiple			
[MASS TGLS = TGL7]			
[MASS TGLS = TGL9]			
[NODULE TGLS = TGL8]			
OVARY	LEFT	ENLARGED	RED, TGL1
Observation Comment: 2X			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 361	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD726
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700526

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	

No Section Present

PITUITARY GLAND

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE
		NO CORRESPONDING LESION	

Tissue Comment: TGL 2-15, TGL 3-16, TGL 6-6, TGL 4-17, TGL 5-15

[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, TGL5-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-15, TGL5-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL5]

[HEPATOCELLULAR CARCINOMA TGLS = TGL4-17, TGL3-16, Gross Finding = LIVER; MASS; MOTTLED; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL4-17, TGL3-16, Gross Finding = LIVER; NODULE; MOTTLED; TGL4]

[NO CORRESPONDING LESION TGLS = TGL6-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; MOTTLED; TGL6]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 7-5, TGL 9-18, TGL 8-5

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL9-18, TGL8-5, TGL7-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; MASS; TAN; TGL7]

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL9-18, TGL8-5, TGL7-5, Gross Finding = LUNG; MASS; TAN; TGL9]

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL9-18, TGL8-5, TGL7-5, Gross Finding = LUNG; NODULE; TAN; TGL8]

OVARY		HYPERPLASIA	TUBULOSTROMAL, MODERATE

[HYPERPLASIA TGLS = TGL 1-12, Gross Finding = OVARY; LEFT; ENLARGED; RED; TGL1]

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 361	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD726
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700526

VAGINA	INFLAMMATION	SUPPURATIVE, MINIMAL
CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE	

ANIMAL ID: 363	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD697
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700528

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ABDOMEN		ACCUMULUATION	RED, TGL2
Observation Comment: cavity, ~3mL			
[ACCUMULUATION TGLS = TGL2]			
AORTA		NODULE	TWO, WHITE, TGL3, 1, 2
Observation Comment: 1x1x1 mm			
[NODULE TGLS = TGL3, 1, 2]			
BONE	RIB	NODULE	TAN, TGL5
	RIB	NODULE	TAN, TWO, TGL6, 2
	RIB	NODULE	TAN, TWO, TGL4, 2
Tissue Comment: Greater than 5 nodules present on the ribs, largest 5 recorded			
Observation Comment: 4x3x2 mm			
Observation Comment: 3x3x2 mm			
Observation Comment: 3x2x2 mm			
[NODULE TGLS = TGL5]			
[NODULE TGLS = TGL6, 2]			
[NODULE TGLS = TGL4, 2]			
KIDNEY	RIGHT	NODULE	DARK, TGL11
Observation Comment: 2x1x1 mm, found at trim			
[NODULE TGLS = TGL11]			

ANIMAL ID: 363	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD697
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700528

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
Observation Comment: 25x20x10 mm, TGL1 accounts for clinical observation of abdominal mass, only one present.			
[MASS TGLS = TGL1]			
LUNG	RIGHT	MASS	CAUDAL, TAN, 1, TGL7
	LOBE, MIDDLE, RIGHT	NODULE	TAN, TGL8
	RIGHT, CRANIAL	NODULE	TAN, TGL10
Observation Comment: 7x6x4 mm			
Observation Comment: 4x3x2 mm			
Observation Comment: 3x2x2 mm			
[MASS TGLS = 1, TGL7]			
[NODULE TGLS = TGL8]			
[NODULE TGLS = TGL10]			
SKELETAL MUSCLE	DIAPHRAGM	NODULE	FIVE, TAN, 1, TGL9
Tissue Comment: Greater than 5 nodules on diaphragm, largest 5 noted			
Observation Comment: up to 2x2x2 mm			
[NODULE TGLS = 1, TGL9]			

ANIMAL ID: 363	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD697
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700528

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
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	PITUITARY GLAND	SALIVARY GLAND
SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

Insufficient Tissue

URINARY BLADDER

No Section Present

LYMPH NODE, BRONCHIAL THYMUS

OBSERVATIONS

AORTA		ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 3-16, Gross Finding = AORTA; NODULE; TWO, WHITE; TGL3, 1, 2]			
BONE		ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC
		NO CORRESPONDING LESION	
Tissue Comment: TGL 5-20, TGL 4-20, TGL 6-20			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL5-20, Gross Finding = BONE; RIB; NODULE; TAN; TGL5]			
[NO CORRESPONDING LESION TGLS = TGL6-20, TGL4-20, Gross Finding = BONE; RIB; NODULE; TAN, TWO; TGL4, 2]			
[NO CORRESPONDING LESION TGLS = TGL6-20, TGL4-20, Gross Finding = BONE; RIB; NODULE; TAN, TWO; TGL6, 2]			
CAVITY		NO CORRESPONDING LESION	
Tissue Comment: TGL 2-NoSlide			
[NO CORRESPONDING LESION TGLS = TGL 2-NOSLIDE, Gross Finding = ABDOMEN; ACCUMULUATION; RED; TGL2]			
HARDERIAN GLAND		ADENOMA	
HEART		ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 3-16, Gross Finding = AORTA; NODULE; TWO, WHITE; TGL3, 1, 2]			
KIDNEY	RENAL TUBULE	CARCINOMA	
[CARCINOMA TGLS = TGL 11-18, Gross Finding = KIDNEY; RIGHT; NODULE; DARK; TGL11]			
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE

ANIMAL ID: 363	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD697
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700528

Tissue Comment: TGL 7-5, TGL 8-17, TGL 10-17
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL7-5, TGL10-17, TGL8-17, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; TAN; TGL8]
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL7-5, TGL10-17, TGL8-17, Gross Finding = LUNG; RIGHT, CRANIAL; NODULE; TAN; TGL10]
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL7-5, TGL10-17, TGL8-17, Gross Finding = LUNG; RIGHT; MASS; CAUDAL, TAN; 1, TGL7]

OVARY		HYPERPLASIA	TUBULOSTROMAL, MODERATE
		TUBULOSTROMAL ADENOMA	
SKELETAL MUSCLE		ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC

Tissue Comment: TGL 9-19, TGL 9-20
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL9-19, Gross Finding = SKELETAL MUSCLE; DIAPHRAGM; NODULE; FIVE, TAN; 1, TGL9]

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA

ANIMAL ID: 364	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700529

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL3
Observation Comment: 15 X 8 X 3 mm			
[MASS TGLS = TGL3]			
OVARY	RIGHT	MASS	RED, TGL2
Observation Comment: 15 X 10 X 5 mm			
[MASS TGLS = TGL2]			
SKIN	HINDLIMB, RIGHT	MASS	TAN, TGL1
Observation Comment: 22 X 15 X 10 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 364	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700529

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
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
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

BRAIN	MENINGES	INFILTRATION CELLULAR	MONONUCLEAR CELL, MILD
HARDERIAN GLAND	BILATERAL	HYPERPLASIA	MILD
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL 3-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL3]			
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MODERATE
MAMMARY GLAND		ADENOCARCINOMA	
	DUCT	DILATION	MINIMAL
[ADENOCARCINOMA TGLS = TGL 1-15, Gross Finding = SKIN; HINDLIMB, RIGHT; MASS; TAN; TGL1]			
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
OVARY		THECOMA	MALIGNANT
[THECOMA TGLS = TGL 2-16, Gross Finding = OVARY; RIGHT; MASS; RED; TGL2]			
THYROID GLAND	FOLLICULAR CELL	ADENOMA	
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 365	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD644
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700530

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	NOSE
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LIVER	LOBE, LEFT	NODULE	TAN, TGL6
Observation Comment: 2 X 2 X 1 mm, found at trim			
[NODULE TGLS = TGL6]			
LUNG	LOBE, LEFT	MASS	TAN, TGL4
		MASS	TAN, TGL2
		MASS	TAN, TGL3
Observation Comment: 15 X 10 X 10 mm			
Observation Comment: Right Caudal lobe; 20 X 10 X 8 mm			
Observation Comment: Right Middle lobe; 10 X 10 X 8 mm			
[MASS TGLS = TGL4]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL3]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL1
Observation Comment: 20 X 18 X 8 mm			
[ENLARGED TGLS = TGL1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	RED, TGL5
Observation Comment: 3 X 2 X 2 mm, found at trim			
[CYST TGLS = TGL5]			

ANIMAL ID: 365	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD644
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700530

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 6-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL6]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 2-16, TGL 3-5, TGL 4-17			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL3-5, TGL4-17, TGL2-16, Gross Finding = LUNG; LOBE, LEFT; MASS; TAN; TGL4]			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL3-5, TGL4-17, TGL2-16, Gross Finding = LUNG; MASS; TAN; TGL2]			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL3-5, TGL4-17, TGL2-16, Gross Finding = LUNG; MASS; TAN; TGL3]			
LYMPH NODE, MEDIASTINAL		ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC
MESENTERY	ADIPOSE TISSUE	NECROSIS	MILD
[NECROSIS TGLS = TGL 1-15, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL1]			
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
OVARY		GRANULOSA CELL TUMOR	BENIGN
		HYPERPLASIA	TUBULOSTROMAL, MILD
[GRANULOSA CELL TUMOR TGLS = TGL 5-12, Gross Finding = OVARY; LEFT; CYST; RED; TGL5]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LUNG; ALVEOLAR/BRONCHIOLAR CARCINOMA; MULTIPLE

Animal Note: Animal thin, hunched and coat ruffled, but not correlated pathologically

ANIMAL ID: 366	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD680
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700531

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	LOBE, MEDIAN	NODULE	TGL1
Observation Comment: 2x2x1 mm			
[NODULE TGLS = TGL1]			
LUNG	RIGHT	NODULE	CAUDAL, WHITE, TGL2, 2
	RIGHT	NODULE	CAUDAL, WHITE, TGL3, 2
	RIGHT, CRANIAL	NODULE	WHITE, TGL4, 1
Observation Comment: 3x2x2 mm			
Observation Comment: 1x1x1 mm			
Observation Comment: 2x1x1 mm			
[NODULE TGLS = TGL2, 2]			
[NODULE TGLS = TGL3, 2]			
[NODULE TGLS = TGL4, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
SKIN	RIGHT, HINDLIMB	DEFORMITY	TGL5
Observation Comment: 2x, TGL5 = swollen			
[DEFORMITY TGLS = TGL5]			

ANIMAL ID: 366	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD680
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700531

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

LYMPH NODE, MEDIASTINAL	PITUITARY GLAND	THYMUS

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
[HEPATOCELLULAR ADENOMA TGLS = TGL 1-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 2-16, TGL 3-16, TGL 4-5			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL3-16, TGL2-16, TGL4-5, Gross Finding = LUNG; RIGHT, CRANIAL; NODULE; WHITE; TGL4, 1]			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL3-16, TGL2-16, TGL4-5, Gross Finding = LUNG; RIGHT; NODULE; CAUDAL, WHITE; TGL2, 2]			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL3-16, TGL2-16, TGL4-5, Gross Finding = LUNG; RIGHT; NODULE; CAUDAL, WHITE; TGL3, 2]			
NOSE	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY		CYST	PARAOVARIAN
		HYPERPLASIA	TUBULOSTROMAL, MODERATE
SKIN		INFLAMMATION	SUPPURATIVE, MARKED
		NECROSIS	MODERATE
		ULCER	MODERATE
[ULCER TGLS = TGL 5-15, Gross Finding = SKIN; RIGHT, HINDLIMB; DEFORMITY; TGL5]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- LUNG; ALVEOLAR/BRONCHIOLAR CARCINOMA; MULTIPLE

ANIMAL ID: 367	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700532

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL3
	LOBE, MEDIAN	MASS	MOTTLED, TGL2
		MASS	MOTTLED, TGL1
Observation Comment: 9 X 6 X 6 mm			
Observation Comment: 14 X 12 X 10 mm; fused to TGL1			
Observation Comment: Right Posterior lobe; 24 X 20 X 16 mm; fused to TGL2			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
LUNG	LOBE, LEFT	MASS	MOTTLED, TGL4
Observation Comment: 12 X 10 X 9 mm			
[MASS TGLS = TGL4]			
MESENTERY		NODULE	MOTTLED, TGL5
Observation Comment: Fat; 8 X 5 X 4 mm			
[NODULE TGLS = TGL5]			

ANIMAL ID: 367	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700532

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
		HYPERPLASIA	MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MILD
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 3-6, TGL 1-15, TGL 2-16, TGL 5-16

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, TGL2-16, TGL3-6, TGL5-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, TGL2-16, TGL3-6, TGL5-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, TGL2-16, TGL3-6, TGL5-16, Gross Finding = LIVER; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, TGL2-16, TGL3-6, TGL5-16, Gross Finding = MESENTERY; NODULE; MOTTLED; TGL5]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 4-5, Gross Finding = LUNG; LOBE, LEFT; MASS; MOTTLED; TGL4]

OVARY		PIGMENT	MILD
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 368	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700533

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

MAMMARY GLAND	RIGHT, AXILLARY	MASS	WHITE, TGL3, 1
Observation Comment: 7x5x3 mm			
[MASS TGLS = TGL3, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	CYST	CLEAR, TGL1
Observation Comment: 15 mm dia			
[CYST TGLS = TGL1]			
UTERUS		MASS	RED, TGL2
Observation Comment: body, 43x35x21 mm			
[MASS TGLS = TGL2]			

ANIMAL ID: 368	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700533

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, ILEUM	KIDNEY	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	NOSE	PANCREAS	PITUITARY GLAND
SALIVARY GLAND	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA			

Autolysis Precludes Examination

GALLBLADDER	INTESTINE, SMALL, JEJUNUM		

No Section Present

PARATHYROID GLAND

OBSERVATIONS

INTESTINE, SMALL, DUODENUM		SCHWANNOMA	MALIGNANT, METASTATIC
LIVER		HEPATOCELLULAR ADENOMA	
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
OVARY		CYSTADENOMA	
[CYSTADENOMA TGLS = TGL 1-15, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL1]			
SKIN		PILOMATRIXOMA	
[PILOMATRIXOMA TGLS = TGL 3-17, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; WHITE; TGL3, 1]			
SPLEEN		SCHWANNOMA	MALIGNANT, METASTATIC
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MODERATE
URINARY BLADDER		SCHWANNOMA	MALIGNANT, METASTATIC
UTERINE CERVIX		SCHWANNOMA	MALIGNANT, METASTATIC
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		SCHWANNOMA	MALIGNANT
[SCHWANNOMA TGLS = TGL 2-16, Gross Finding = UTERUS; MASS; RED; TGL2]			
VAGINA		SCHWANNOMA	MALIGNANT, METASTATIC

CONTRIBUTORY CAUSE OF DEATH - UTERUS; SCHWANNOMA; MALIGNANT

ANIMAL ID: 369	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700534

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	NOSE
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	LEFT	MASS	TAN, TGL7
Observation Comment: 12x11x4 mm			
[MASS TGLS = TGL7]			
LUNG	LOBE, LEFT	MASS	WHITE, TGL4, 1
	LOBE, MIDDLE, RIGHT	MASS	WHITE, TGL5, 1
Observation Comment: 11x10x8 mm			
Observation Comment: 7x5x5 mm			
[MASS TGLS = TGL4, 1]			
[MASS TGLS = TGL5, 1]			
LYMPH NODE, MEDIASTINAL		ENLARGED	TAN, TGL6
Observation Comment: 2x			
[ENLARGED TGLS = TGL6]			
MAMMARY GLAND	LEFT, THORACIC	MASS	TAN, TGL1
	RIGHT, THORACIC	MASS	TAN, TGL2
Observation Comment: 30x22x16 mm			
Observation Comment: 10x10x7 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
OVARY	LEFT	MASS	MOTTLED, TGL3

ANIMAL ID: 369	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700534

Observation Comment: 17x12x8 mm [MASS TGLS = TGL3]			
UTERUS	LEFT	MASS	RED, TGL8
Observation Comment: horn, 8x5x3 mm [MASS TGLS = TGL8]			

ANIMAL ID: 369	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700534

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

THYMUS

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 7-6, Gross Finding = LIVER; LEFT; MASS; TAN; TGL7]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 4-16, TGL 5-5			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL4-16, TGL5-5, Gross Finding = LUNG; LOBE, LEFT; MASS; WHITE; TGL4, 1]			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL4-16, TGL5-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; MASS; WHITE; TGL5, 1]			
LYMPH NODE, MEDIASTINAL		ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC
Observation Comment: primary = lung			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 6-18, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TAN; TGL6]			
MAMMARY GLAND		ADENOCARCINOMA	MULTIPLE
Tissue Comment: TGL 1-15; TGL 2-17			
[ADENOCARCINOMA TGLS = TGL1-15, TGL2-17, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; TAN; TGL1]			
[ADENOCARCINOMA TGLS = TGL1-15, TGL2-17, Gross Finding = MAMMARY GLAND; RIGHT, THORACIC; MASS; TAN; TGL2]			
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
OVARY		GRANULOSA CELL TUMOR	MALIGNANT
[GRANULOSA CELL TUMOR TGLS = TGL 3-12, Gross Finding = OVARY; LEFT; MASS; MOTTLED; TGL3]			
UTERUS		DILATION	MARKED
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MARKED

ANIMAL ID: 369	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700534

[HYPERPLASIA TGLS = TGL 8-14, Gross Finding = UTERUS; LEFT; MASS; RED; TGL8]

ANIMAL ID: 370	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700535

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	NOSE
OVARY - LEFT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

HARDERIAN GLAND	LEFT	MASS	WHITE, TGL5, 1
Observation Comment: 7x6x4 mm			
[MASS TGLS = TGL5, 1]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	MOTTLED, TGL2
Observation Comment: 30x27x16 mm			
Observation Comment: 12x11x8 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL2]			
LUNG	LOBE, LEFT	FOCUS	WHITE, TGL4, 1
Observation Comment: 1x1 mm			
[FOCUS TGLS = TGL4, 1]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	RIGHT	CYST	CLEAR, TGL3
Observation Comment: 6x5x3 mm			
[CYST TGLS = TGL3]			

ANIMAL ID: 370	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700535

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, MANDIBULAR

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
		HYPERPLASIA	MARKED
[ADENOMA TGLS = TGL 5-10, Gross Finding = HARDERIAN GLAND; LEFT; MASS; WHITE; TGL5, 1]			
LIVER		HEPATOBLASTOMA	
		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	
Tissue Comment: TGL 1-15, TGL 2-16			
[HEPATOBLASTOMA TGLS = TGL1-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 4-5, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL4, 1]			
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
OVARY		CYST	
		HYPERPLASIA	TUBULOSTROMAL, MILD
[CYST TGLS = TGL 3-12, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL3]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 371	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700536

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL3
	LOBE, MEDIAN	NODULE	TAN, TGL4
Observation Comment: 14x11x4 mm			
Observation Comment: 3x2x2 mm			
[MASS TGLS = TGL3]			
[NODULE TGLS = TGL4]			
LUNG	RIGHT	MASS	CAUDAL, WHITE, TGL1, 2
	RIGHT, CRANIAL	NODULE	WHITE, TGL2, 1
Observation Comment: 12x10x8 mm			
Observation Comment: 3x2x2 mm			
[MASS TGLS = TGL1, 2]			
[NODULE TGLS = TGL2, 1]			

ANIMAL ID: 371	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700536

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

Insufficient Tissue

OVARY

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	
		NO CORRESPONDING LESION	

Tissue Comment: TGL 3-16, TGL 4-17

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL3]

[NO CORRESPONDING LESION TGLS = TGL4-17, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL4]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 1-15, TGL 2-5

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL1-15, TGL2-5, Gross Finding = LUNG; RIGHT, CRANIAL; NODULE; WHITE; TGL2, 1]

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL1-15, TGL2-5, Gross Finding = LUNG; RIGHT; MASS; CAUDAL, WHITE; TGL1, 2]

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 372	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700537

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	NOSE	OVARY - LEFT	OVARY - RIGHT
PANCREAS	PARATHYROID GLAND	PHARYNX	SALIVARY GLANDS
SKIN	SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL1
Observation Comment: 30x30x17 mm			
[MASS TGLS = TGL1]			
PITUITARY GLAND		ENLARGED	DARK, TGL3
Observation Comment: 4x2x2 mm			
[ENLARGED TGLS = TGL3]			
SPLEEN		ENLARGED	TGL2
Observation Comment: 20x4x3 mm			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 372	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700537

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

Insufficient Tissue

OVARY

OBSERVATIONS

KIDNEY	PELVIS	DILATION	MILD
LIVER		HEPATOCELLULAR CARCINOMA	
[HEPATOCELLULAR CARCINOMA TGLS = TGL 1-15, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL1]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	METASTATIC
Observation Comment: multiple			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 3-9, Gross Finding = PITUITARY GLAND; ENLARGED; DARK; TGL3]			
SPLEEN		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 2-7, Gross Finding = SPLEEN; ENLARGED; TGL2]			
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 373	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD283
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700538

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	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: 373	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD283
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700538

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	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	LYMPH NODE, MESENTERIC

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
	RENAL TUBULE	DILATION	MARKED

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

[DILATION TGLS = TGL1-7, TGL2-7, Gross Finding = KIDNEY; LEFT; DEFORMITY; PALE; TGL1]

[DILATION TGLS = TGL1-7, TGL2-7, Gross Finding = KIDNEY; RIGHT; DEFORMITY; PALE; TGL2]

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

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

Animal Note: Tissues are pale overall

ANIMAL ID: 374	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD619
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700539

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

BONE	RIB	NODULE	WHITE, TGL6, 1
Observation Comment: 5x5x5 mm			
[NODULE TGLS = TGL6, 1]			
LUNG	ACCESSORY LOBE	NODULE	TAN, TGL4
	LOBE, LEFT	NODULE	TAN, TWO, TGL5, 2
	LOBE, MIDDLE, RIGHT	NODULE	TAN, TGL2
	RIGHT, CRANIAL	NODULE	TAN, TGL3
Tissue Comment: >5 nodules present in lung, largest 5 recorded			
Observation Comment: 4x4x4 mm			
Observation Comment: 3x3x3 mm			
Observation Comment: 5x5x5 mm			
[NODULE TGLS = TGL4]			
[NODULE TGLS = TGL5, 2]			
[NODULE TGLS = TGL2]			
[NODULE TGLS = TGL3]			
LYMPH NODE, MEDIASTINAL		ENLARGED	TAN, TGL9
Observation Comment: 6x4x3 mm, found at trim			
[ENLARGED TGLS = TGL9]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 374	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD619
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700539

OVARY	LEFT	CYST	CLEAR, TGL7
	RIGHT	CYST	CLEAR, TGL8
Observation Comment: 5x4x4 mm			
Observation Comment: 7x7x7 mm			
[CYST TGLS = TGL7]			
[CYST TGLS = TGL8]			
SKIN	DORSAL, THORACIC	MASS	TAN, TGL1
Observation Comment: 35x30x20 mm, TGL1 = ulcerated			
[MASS TGLS = TGL1]			

ANIMAL ID: 374	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD619
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700539

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

BONE		FIBROSARCOMA	METASTATIC
[FIBROSARCOMA TGLS = TGL 6-16, Gross Finding = BONE; RIB; NODULE; WHITE; TGL6, 1]			
HEART		FIBROSARCOMA	METASTATIC
LIVER		EOSINOPHILIC FOCUS	MULTIPLE
LUNG		FIBROSARCOMA	METASTATIC
Tissue Comment: TGL 2-5, TGL 3-5, TGL 4-5, TGL 5-5			
[FIBROSARCOMA TGLS = TGL5-5, TGL3-5, TGL4-5, TGL2-5, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; TAN; TGL4]			
[FIBROSARCOMA TGLS = TGL5-5, TGL3-5, TGL4-5, TGL2-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; TAN, TWO; TGL5, 2]			
[FIBROSARCOMA TGLS = TGL5-5, TGL3-5, TGL4-5, TGL2-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; TAN; TGL2]			
[FIBROSARCOMA TGLS = TGL5-5, TGL3-5, TGL4-5, TGL2-5, Gross Finding = LUNG; RIGHT, CRANIAL; NODULE; TAN; TGL3]			
LYMPH NODE, MEDIASTINAL		FIBROSARCOMA	METASTATIC
[FIBROSARCOMA TGLS = TGL 9-9, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; TAN; TGL9]			
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MODERATE
OVARY		CYST	MULTIPLE
		HYPERPLASIA	TUBULOSTROMAL, MARKED
Tissue Comment: TGL 7-12, TGL 8-12			
[CYST TGLS = TGL7-12, TGL8-12, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL7]			
[CYST TGLS = TGL7-12, TGL8-12, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL8]			
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-15, Gross Finding = SKIN; DORSAL, THORACIC; MASS; TAN; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

CONTRIBUTORY CAUSE OF DEATH - SKIN; FIBROSARCOMA

ANIMAL ID: 375	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700540

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND		ENLARGED	TAN, TGL9
Observation Comment: Unilateral 2 X, found at trim			
[ENLARGED TGLS = TGL9]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, LEFT	MASS	MOTTLED, TGL5
	LOBE, MEDIAN	MASS	MOTTLED, TGL4
	LOBE, MEDIAN	MASS	MOTTLED, TGL3
		MASS	MOTTLED, TGL2

Tissue Comment: Greater than 5 masses present in liver, largest 5 recorded.
Observation Comment: 16 X 10 X 9 mm
Observation Comment: 6 X 5 X 5 mm
Observation Comment: 7 X 6 X 5 mm
Observation Comment: 8 X 7 X 5 mm
Observation Comment: Right Anterior lobe; 10 X 9 X 9 mm
[MASS TGLS = TGL1]
[MASS TGLS = TGL5]
[MASS TGLS = TGL4]
[MASS TGLS = TGL3]
[MASS TGLS = TGL2]

ANIMAL ID: 375	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700540

LUNG	RIGHT LOBE, CRANIAL	NODULE	WHITE, TGL8, 1
Observation Comment: 3 X 2 X 2 mm			
[NODULE TGLS = TGL8, 1]			
OVARY	LEFT	CYST	CLEAR, TGL7
	RIGHT	ENLARGED	MOTTLED, TGL6
Observation Comment: 2 mm dia			
Observation Comment: 10 X 7 X 3 mm			
[CYST TGLS = TGL7]			
[ENLARGED TGLS = TGL6]			

ANIMAL ID: 375	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700540

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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	UTERINE CERVIX	VAGINA

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
		HYPERPLASIA	MINIMAL
[ADENOMA TGLS = TGL 9-10, Gross Finding = HARDERIAN GLAND; ENLARGED; TAN; TGL9]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		EOSINOPHILIC FOCUS	
		HEPATOCELLULAR ADENOMA	MULTIPLE
		MIXED CELL FOCUS	
Tissue Comment: TGL 1-6, TGL 1-15, TGL 2-16, TGL 3-17, TGL 4-17, TGL 5-18			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-16, TGL4-17, TGL1-6, TGL3-17, TGL5-18, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-16, TGL4-17, TGL1-6, TGL3-17, TGL5-18, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL5]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-16, TGL4-17, TGL1-6, TGL3-17, TGL5-18, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-16, TGL4-17, TGL1-6, TGL3-17, TGL5-18, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL4]			
[HEPATOCELLULAR ADENOMA TGLS = TGL2-16, TGL4-17, TGL1-6, TGL3-17, TGL5-18, Gross Finding = LIVER; MASS; MOTTLED; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MODERATE
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 8-5, Gross Finding = LUNG; RIGHT LOBE, CRANIAL; NODULE; WHITE; TGL8, 1]			
OVARY		CYST	
		GRANULOSA CELL TUMOR	MALIGNANT
		HYPERPLASIA	TUBULOSTROMAL, MILD
Tissue Comment: TGL 6-12, TGL 7-12			
[CYST TGLS = TGL7-12, Gross Finding = OVARY; LEFT; CYST; CLEAR; TGL7]			
[GRANULOSA CELL TUMOR TGLS = TGL6-12, Gross Finding = OVARY; RIGHT; ENLARGED; MOTTLED; TGL6]			

ANIMAL ID: 375	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700540

URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 376	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700541

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

HARDERIAN GLAND		MASS	WHITE, TGL5, 1
Observation Comment: unilateral, 7x6x2 mm, found at trim			
[MASS TGLS = TGL5, 1]			
LIVER	CAUDATE LOBE	MASS	TAN, TGL3
	LOBE, MEDIAN	MASS	TAN, TGL7
	RIGHT	NODULE	TAN, TWO, TGL4, 2
Observation Comment: 6x4x2mm			
Observation Comment: 5x5x4 mm, found at trim			
Observation Comment: anterior, up to 3x3x2 mm, found at trim			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL7]			
[NODULE TGLS = TGL4, 2]			
LUNG	RIGHT	NODULE	TAN, TWO, TGL2, 2
Observation Comment: caudal, up to 2x2x1 mm, found at trim			
[NODULE TGLS = TGL2, 2]			
LYMPH NODE	INGUINAL	ENLARGED	TGL6
Observation Comment: 3x, found at trim			
[ENLARGED TGLS = TGL6]			
LYMPH NODE, BRONCHIAL		ENLARGED	TGL1

ANIMAL ID: 376	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700541

Observation Comment: 3x, found at trim
[ENLARGED TGLS = TGL1]

ANIMAL ID: 376	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700541

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 5-10, Gross Finding = HARDERIAN GLAND; MASS; WHITE; TGL5, 1]			
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 3-16, TGL 4-16, TGL 7-18			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, TGL7-18, TGL3-16, Gross Finding = LIVER; CAUDATE LOBE; MASS; TAN; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, TGL7-18, TGL3-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL7]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-16, TGL7-18, TGL3-16, Gross Finding = LIVER; RIGHT; NODULE; TAN, TWO; TGL4, 2]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 2-15, Gross Finding = LUNG; RIGHT; NODULE; TAN, TWO; TGL2, 2]			
LYMPH NODE, BRONCHIAL		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-5, Gross Finding = LYMPH NODE, BRONCHIAL; ENLARGED; TGL1]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOCYTE, MODERATE
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 6-17, Gross Finding = LYMPH NODE; INGUINAL; ENLARGED; TGL6]			
NOSE	STENO'S GLAND	ATROPHY	MINIMAL
OVARY		HYPERPLASIA	TUBULOSTROMAL, MILD
		TUBULOSTROMAL ADENOMA	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 377	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD459
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700542

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	RIGHT	ENLARGED	WHITE, TGL1, 1
Observation Comment: 2 X			
[ENLARGED TGLS = TGL1, 1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	

ANIMAL ID: 377	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD459
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700542

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 1-10, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; WHITE; TGL1, 1]			
HEART		CARDIOMYOPATHY	MINIMAL
	VALVE	PIGMENT	MARKED
LIVER		TENSION LIPIDOSIS	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Animal hunched, thin and coat ruffled present, but not pathologically correlated

ANIMAL ID: 378	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700543

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	THYMUS	THYROID GLAND
TONGUE	TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LIVER	CAUDATE LOBE	MASS	MOTTLED, TGL4
	LEFT	MASS	TAN, TGL10
	RIGHT	MASS	MOTTLED, TGL3
	LOBE, LEFT	NODULE	TAN, TGL5

Observation Comment: 15x12x9 mm
Observation Comment: 6x4x3 mm, found at trim
Observation Comment: anterior, 20x15x13 mm
Observation Comment: 3x3x1 mm
[MASS TGLS = TGL4]
[MASS TGLS = TGL10]
[MASS TGLS = TGL3]
[NODULE TGLS = TGL5]

LUNG	LOBE, LEFT	NODULE	THREE, WHITE, TGL8, 1, 2
	LOBE, LEFT	NODULE	WHITE, TGL7, 1
	RIGHT, CRANIAL	NODULE	WHITE, TGL6, 1

Tissue Comment: Greater than 5 nodules present in lung, largest 5 recorded
Observation Comment: 2x2x2 mm
Observation Comment: 4x4x2 mm
[NODULE TGLS = TGL8, 1, 2]

ANIMAL ID: 378	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700543

[NODULE TGLS = TGL7, 1]		
[NODULE TGLS = TGL6, 1]		
LYMPH NODE, MEDIASTINAL	ENLARGED	DARK, TGL9
Observation Comment: 3x		
[ENLARGED TGLS = TGL9]		
STOMACH, FORESTOMACH	MASS	MOTTLED, TGL1
Observation Comment: 15x10x10 mm		
[MASS TGLS = TGL1]		
STOMACH, GLANDULAR	MASS	MOTTLED, TGL2
Observation Comment: 10x8x6 mm		
[MASS TGLS = TGL2]		

ANIMAL ID: 378	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700543

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	MAMMARY GLAND
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

OBSERVATIONS

BONE MARROW		HYPERCELLULARITY	MARKED
LARYNX	SQUAMOUS EPITHELIUM	HYPERPLASIA	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		SQUAMOUS CELL CARCINOMA	METASTATIC

Tissue Comment: TGL10-6, TGL 3-17, TGL 5-17, TGL 4-18
Observation Comment: forestomach = primary
[HEPATOCELLULAR ADENOMA TGLS = TGL5-17, TGL10-6, Gross Finding = LIVER; LEFT; MASS; TAN; TGL10]
[HEPATOCELLULAR ADENOMA TGLS = TGL5-17, TGL10-6, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL5]
[SQUAMOUS CELL CARCINOMA TGLS = TGL4-18, TGL3-17, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL4]
[SQUAMOUS CELL CARCINOMA TGLS = TGL4-18, TGL3-17, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL3]

LUNG		SQUAMOUS CELL CARCINOMA	METASTATIC

Tissue Comment: TGL 6-5, TGL 7-5, TGL 8-5
Observation Comment: forestomach = primary
[SQUAMOUS CELL CARCINOMA TGLS = TGL6-5, TGL8-5, TGL7-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; THREE, WHITE; TGL8, 1, 2]
[SQUAMOUS CELL CARCINOMA TGLS = TGL6-5, TGL8-5, TGL7-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL7, 1]
[SQUAMOUS CELL CARCINOMA TGLS = TGL6-5, TGL8-5, TGL7-5, Gross Finding = LUNG; RIGHT, CRANIAL; NODULE; WHITE; TGL6, 1]

LYMPH NODE, MEDIASTINAL		SQUAMOUS CELL CARCINOMA	METASTATIC

Observation Comment: forestomach = primary
[SQUAMOUS CELL CARCINOMA TGLS = TGL 9-9, Gross Finding = LYMPH NODE, MEDIASTINAL; ENLARGED; DARK; TGL9]

LYMPH NODE, MESENTERIC		SQUAMOUS CELL CARCINOMA	METASTATIC

Observation Comment: forestomach = primary

NOSE	NASOLACRIMAL DUCT	INFLAMMATION	SUPPURATIVE, MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL

ANIMAL ID: 378	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD716
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700543

OVARY		HYPERPLASIA	TUBULOSTROMAL, MODERATE
		SQUAMOUS CELL CARCINOMA	METASTATIC
Observation Comment: forestomach = primary			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
		SQUAMOUS CELL CARCINOMA	METASTATIC
STOMACH, FORESTOMACH		SQUAMOUS CELL CARCINOMA	
[SQUAMOUS CELL CARCINOMA TGLS = TGL 1-15, Gross Finding = STOMACH, FORESTOMACH; MASS; MOTTLED; TGL1]			
STOMACH, GLANDULAR		SQUAMOUS CELL CARCINOMA	METASTATIC
Observation Comment: forestomach = primary			
[SQUAMOUS CELL CARCINOMA TGLS = TGL 2-16, Gross Finding = STOMACH, GLANDULAR; MASS; MOTTLED; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
CONTRIBUTORY CAUSE OF DEATH	- STOMACH, FORESTOMACH; SQUAMOUS CELL CARCINOMA		

ANIMAL ID: 379	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700544

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM		MASS	WHITE, TGL1, 1
Observation Comment: 15x9x6 mm			
[MASS TGLS = TGL1, 1]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL5
Observation Comment: 6x5x3 mm, found at trim			
[MASS TGLS = TGL5]			
LUNG	ACCESSORY LOBE	NODULE	TWO, WHITE, TGL4, 1, 2
	RIGHT, CRANIAL	NODULE	WHITE, TGL3, 1
Observation Comment: 2x2x1 mm			
Observation Comment: 3x3x3 mm			
[NODULE TGLS = TGL4, 1, 2]			
[NODULE TGLS = TGL3, 1]			
LYMPH NODE, MESENTERIC		ENLARGED	TAN, TGL2
Observation Comment: 10x			
[ENLARGED TGLS = TGL2]			

ANIMAL ID: 379	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700544

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	KIDNEY
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TRACHEA	UTERINE CERVIX
VAGINA			

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-17, Gross Finding = INTESTINE, SMALL, JEJUNUM; MASS; WHITE; TGL1, 1]			
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
[HEPATOCELLULAR ADENOMA TGLS = TGL 5-19, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL5]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
Tissue Comment: TGL 3-5, TGL 4-16			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL3-5, TGL4-16, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; TWO, WHITE; TGL4, 1, 2]			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL3-5, TGL4-16, Gross Finding = LUNG; RIGHT, CRANIAL; NODULE; WHITE; TGL3, 1]			
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-18, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; TAN; TGL2]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MILD
PANCREAS	ACINUS	LYMPHOMA	MALIGNANT
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 380	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700545

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	NOSE
OVARY - LEFT	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SPINAL CORD
SPLEEN	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	LEFT	ENLARGED	WHITE, TGL6, 1
Observation Comment: 11x10x8 mm, TGL6 accounts for eye abnormality			
[ENLARGED TGLS = TGL6, 1]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	NODULE	TAN, TGL2
	LOBE, MEDIAN	NODULE	TAN, TGL3
	RIGHT	NODULE	TAN, TGL8
	RIGHT	NODULE	TAN, TGL7
Observation Comment: 26x21x14 mm			
Observation Comment: 3x3x1 mm			
Observation Comment: 2x2x1 mm			
Observation Comment: posterior, 3x3x2 mm, found at trim			
Observation Comment: anterior, 4x3x3 mm, found at trim			
[MASS TGLS = TGL1]			
[NODULE TGLS = TGL2]			
[NODULE TGLS = TGL3]			
[NODULE TGLS = TGL8]			
[NODULE TGLS = TGL7]			
LUNG	RIGHT	MASS	CAUDAL, WHITE, TGL4, 2

ANIMAL ID: 380	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700545

Observation Comment: 9x5x4 mm [MASS TGLS = TGL4, 2]			
SKIN	DORSAL	CRUST	RED, TGL5
Observation Comment: 9x6 mm [CRUST TGLS = TGL5]			
STOMACH, FORESTOMACH		MASS	WHITE, TGL9, 1
Observation Comment: 6x3x3 mm, found at trim [MASS TGLS = TGL9, 1]			

ANIMAL ID: 380	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700545

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 6-10, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; WHITE; TGL6, 1]			
HEART		CARDIOMYOPATHY	MINIMAL
KIDNEY		LYMPHOMA	MALIGNANT
LIVER		HEPATOCELLULAR CARCINOMA	
		LYMPHOMA	MALIGNANT
		NO CORRESPONDING LESION	
Tissue Comment: TGL 1-15, TGL 2-17, TGL 3-17, TGL 7-16, TGL 8-18			
[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]			
[NO CORRESPONDING LESION TGLS = TGL2-17, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL2]			
[NO CORRESPONDING LESION TGLS = TGL3-17, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL3]			
[NO CORRESPONDING LESION TGLS = TGL7-16, Gross Finding = LIVER; RIGHT; NODULE; TAN; TGL7]			
[NO CORRESPONDING LESION TGLS = TGL8-18, Gross Finding = LIVER; RIGHT; NODULE; TAN; TGL8]			
LUNG		ADENOCARCINOMA	METASTATIC
		ALVEOLAR/BRONCHIOLAR CARCINOMA	
Observation Comment: Harderian gland = primary			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 4-5, Gross Finding = LUNG; RIGHT; MASS; CAUDAL, WHITE; TGL4, 2]			
LYMPH NODE, MEDIASTINAL		LYMPHOMA	MALIGNANT
NOSE	STENO'S GLAND	ATROPHY	MILD
	NASOLACRIMAL DUCT	INFLAMMATION	SUPPURATIVE, MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MODERATE
SKIN		INFLAMMATION	SUPPURATIVE, MODERATE

ANIMAL ID: 380	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700545

[INFLAMMATION TGLS = TGL 5-16, Gross Finding = SKIN; DORSAL; CRUST; RED; TGL5]			
SPLEEN		LYMPHOMA	MALIGNANT
Observation Comment: multicentric			
STOMACH, FORESTOMACH		PAPILLOMA	
[PAPILLOMA TGLS = TGL 9-19, Gross Finding = STOMACH, FORESTOMACH; MASS; WHITE; TGL9, 1]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 381	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700546

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL1
	RIGHT	MASS	MOTTLED, TGL5
Observation Comment: 30x30x18 mm, Median liver lobe adhered to TGL1.			
Observation Comment: posterior, 7x6x6 mm, found at trim			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL5]			
LUNG	LOBE, LEFT	NODULE	WHITE, TGL2, 1
		NODULE	CAUDAL, WHITE, TGL3, 2
Observation Comment: 2x2x2 mm			
Observation Comment: 1x1x1 mm			
[NODULE TGLS = TGL2, 1]			
[NODULE TGLS = TGL3, 2]			
OVARY	LEFT	NODULE	MOTTLED, TGL4
Observation Comment: 4x4x4 mm			
[NODULE TGLS = TGL4]			

ANIMAL ID: 381	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700546

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
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	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

HARDERIAN GLAND		HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	

Tissue Comment: TGL 1-15, TGL 5-16

[HEPATOCELLULAR ADENOMA TGLS = TGL5-16, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL5]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-15, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED

Tissue Comment: TGL 2-5, TGL 3-5

[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL3-5, TGL2-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL2, 1]

[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL3-5, TGL2-5, Gross Finding = LUNG; NODULE; CAUDAL, WHITE; TGL3, 2]

OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MARKED

[HYPERPLASIA TGLS = TGL 4-12, Gross Finding = OVARY; LEFT; NODULE; MOTTLED; TGL4]

URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 382	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD519
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700547

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

LUNG	LEFT	MASS	PALE, TGL1
Observation Comment: 5x5x3 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 382	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD519
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700547

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LIVER	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	UTERINE CERVIX
UTERUS	VAGINA		

No Section Present

LYMPH NODE, BRONCHIAL

OBSERVATIONS

HARDERIAN GLAND	HYPERPLASIA	MARKED
HEART	CARDIOMYOPATHY	MINIMAL
LUNG	ALVEOLAR/BRONCHIOLAR CARCINOMA	
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 1-5, Gross Finding = LUNG; LEFT; MASS; PALE; TGL1]		
URINARY BLADDER	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- LUNG; ALVEOLAR/BRONCHIOLAR CARCINOMA

ANIMAL ID: 383	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD639
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700548

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

KIDNEY	RIGHT	NODULE	WHITE, TGL10, 1
Observation Comment: 3x2x2 mm, found at trim			
[NODULE TGLS = TGL10, 1]			
LIVER	CAUDATE LOBE	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	TAN, TGL4
	LOBE, LEFT	NODULE	TAN, TGL3
	LOBE, MEDIAN	NODULE	TAN, TGL5
	RIGHT	NODULE	TAN, TGL2
Tissue Comment: Five masses or nodules present in liver			
Observation Comment: 10x9x9 mm			
Observation Comment: 9x9x2 mm			
Observation Comment: 5x4x3 mm			
Observation Comment: 2x2x2 mm			
Observation Comment: posterior, 3x2x2 mm			
[MASS TGLS = TGL1]			
[MASS TGLS = TGL4]			
[NODULE TGLS = TGL3]			
[NODULE TGLS = TGL5]			

ANIMAL ID: 383	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD639
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700548

[NODULE TGLS = TGL2]			
LUNG	LOBE, LEFT	MASS	WHITE, TGL6, 1
	RIGHT, CRANIAL	MASS	WHITE, TGL7, 1
	ACCESSORY LOBE	NODULE	WHITE, TGL9, 1
	LOBE, LEFT	NODULE	WHITE, TGL8, 1
Tissue Comment: Four masses or nodules present in lung			
Observation Comment: 13x9x6 mm			
Observation Comment: 11x6x6 mm			
Observation Comment: 2x2x1 mm			
Observation Comment: 5x5x2 mm			
[MASS TGLS = TGL6, 1]			
[MASS TGLS = TGL7, 1]			
[NODULE TGLS = TGL9, 1]			
[NODULE TGLS = TGL8, 1]			
NO CORRELATE		TO OBSERVATION / MASS	

ANIMAL ID: 383	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD639
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700548

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	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, MEDIASTINAL	LYMPH NODE, MESENTERIC	THYMUS

OBSERVATIONS

HEART	ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC
	CARDIOMYOPATHY	MINIMAL
KIDNEY	ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 10-7, Gross Finding = KIDNEY; RIGHT; NODULE; WHITE; TGL10, 1]

LIVER	HEPATOCELLULAR ADENOMA	MULTIPLE
	NO CORRESPONDING LESION	

Tissue Comment: TGL 1-15, TGL3-6, TGL 4-17, TGL 5-18, TGL 2-16

[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL5-18, TGL4-17, TGL2-16, Gross Finding = LIVER; LOBE, LEFT; NODULE; TAN; TGL3]
[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL5-18, TGL4-17, TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL4]
[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL5-18, TGL4-17, TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL5]
[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL5-18, TGL4-17, TGL2-16, Gross Finding = LIVER; RIGHT; NODULE; TAN; TGL2]
[NO CORRESPONDING LESION TGLS = TGL1-15, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL1]

LUNG	ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 6-5. TGL 7-5. TGL 8-5, TGL 9-5

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL7-5., TGL6-5., TGL9-5, TGL8-5, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; WHITE; TGL9, 1]
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL7-5., TGL6-5., TGL9-5, TGL8-5, Gross Finding = LUNG; LOBE, LEFT; MASS; WHITE; TGL6, 1]
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL7-5., TGL6-5., TGL9-5, TGL8-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL8, 1]
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL7-5., TGL6-5., TGL9-5, TGL8-5, Gross Finding = LUNG; RIGHT, CRANIAL; MASS; WHITE; TGL7, 1]

OVARY	HYPERPLASIA	TUBULOSTROMAL, MINIMAL
	THROMBUS	

ANIMAL ID: 383	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD639
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700548

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
CONTRIBUTORY CAUSE OF DEATH	- LUNG; ALVEOLAR/BRONCHIOLAR CARCINOMA; MULTIPLE		

ANIMAL ID: 384	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700549

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA

OBSERVATIONS

HARDERIAN GLAND	RIGHT	NODULE	WHITE, TGL6, 1
Observation Comment: 3x3x2 mm			
[NODULE TGLS = TGL6, 1]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TGL4
	LOBE, MEDIAN	NODULE	MOTTLED, TGL5
Observation Comment: 15x13x8 mm			
Observation Comment: 5x5x2 mm			
[MASS TGLS = TGL4]			
[NODULE TGLS = TGL5]			
LUNG	LOBE, LEFT	MASS	WHITE, TGL1, 1
	RIGHT	MASS	CAUDAL, WHITE, TGL2, 2
	RIGHT	NODULE	CAUDAL, WHITE, TGL7, 2
Observation Comment: 17x15x12 mm			
Observation Comment: 10x6x6 mm			
Observation Comment: 4x3x3 mm, found at trim			
[MASS TGLS = TGL1, 1]			
[MASS TGLS = TGL2, 2]			
[NODULE TGLS = TGL7, 2]			
ZYMBALS GLAND	RIGHT	MASS	TAN, TGL3

ANIMAL ID: 384	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700549

Observation Comment: 8x6x5 mm
[MASS TGLS = TGL3]

ANIMAL ID: 384	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700549

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	SPLEEN
STOMACH, GLANDULAR	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERINE CERVIX	VAGINA		

No Section Present

LYMPH NODE, MANDIBULAR	THYMUS

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
Tissue Comment: TGL 6-10			
[ADENOMA TGLS = TGL 6-10, Gross Finding = HARDERIAN GLAND; RIGHT; NODULE; WHITE; TGL6, 1]			
LIVER		HEPATOCELLULAR CARCINOMA	
		NO CORRESPONDING LESION	
Tissue Comment: TGL 4-16, TGL 5-6			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL4]			
[NO CORRESPONDING LESION TGLS = TGL5-6, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; MOTTLED; TGL5]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 1-15, TGL 2-5, TGL 7-5			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL2-5, TGL7-5, TGL1-15, Gross Finding = LUNG; LOBE, LEFT; MASS; WHITE; TGL1, 1]			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL2-5, TGL7-5, TGL1-15, Gross Finding = LUNG; RIGHT; MASS; CAUDAL, WHITE; TGL2, 2]			
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL2-5, TGL7-5, TGL1-15, Gross Finding = LUNG; RIGHT; NODULE; CAUDAL, WHITE; TGL7, 2]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
OVARY		CYST	RETE OVARII
		HYPERPLASIA	TUBULOSTROMAL, MILD
STOMACH, FORESTOMACH	EPITHELIUM	HYPERPLASIA	FOCAL, MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
ZYMBAL'S GLAND		NO CORRESPONDING LESION	
Tissue Comment: TGL 3-NoSlide			

ANIMAL ID: 384	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700549

[NO CORRESPONDING LESION TGLS = TGL 3-NOSLIDE, Gross Finding = ZYMBALS GLAND; RIGHT; MASS; TAN; TGL3]

ANIMAL ID: 385	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD417
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700550

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

THORAX	ACCUMULUATION	CLOUDY, TGL1
Observation Comment: 2 mL; No section taken		
[ACCUMULUATION TGLS = TGL1]		
THYMUS	ENLARGED	TAN, TGL2
Observation Comment: 10 X		
[ENLARGED TGLS = TGL2]		

ANIMAL ID: 385	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD417
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700550

HISTOPATH TISSUE STATUS

Within Normal Limits

BONE MARROW	BONE, FEMUR	BRAIN	CLITORAL GLAND
ESOPHAGUS	EYE	GALLBLADDER	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	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

Autolysis Precludes Examination

OVARY

OBSERVATIONS

ADRENAL GLAND		LYMPHOMA	MALIGNANT
AORTA		LYMPHOMA	MALIGNANT
CAVITY	THORACIC	NO CORRESPONDING LESION	
Tissue Comment: TGL 1-NoSlide			
[NO CORRESPONDING LESION TGLS = TGL 1-NOSLIDE, Gross Finding = THORAX; ACCUMULUATION; CLOUDY; TGL1]			
HARDERIAN GLAND		HYPERPLASIA	MODERATE
HEART		LYMPHOMA	MALIGNANT
KIDNEY		LYMPHOMA	MALIGNANT
LIVER		LYMPHOMA	MALIGNANT
LUNG		LYMPHOMA	MALIGNANT
LYMPH NODE, MANDIBULAR		LYMPHOMA	MALIGNANT
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
SPLEEN		LYMPHOMA	MALIGNANT
THYMUS		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-15, Gross Finding = THYMUS; ENLARGED; TAN; TGL2]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

CONTRIBUTORY CAUSE OF DEATH - HEART; LYMPHOMA; MALIGNANT

Animal Note: Right ear pinna and right facial skin missing due to cannibalization

ANIMAL ID: 386	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700551

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL
MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	RIGHT	ENLARGED	TGL4
Observation Comment: 6x			
[ENLARGED TGLS = TGL4]			
INTESTINE, SMALL, JEJUNUM		ENLARGED	TGL5
Observation Comment: 10x, TGL5 = peyers patch			
[ENLARGED TGLS = TGL5]			
LIVER	RIGHT	MASS	TAN, TGL6
	LOBE, MEDIAN	NODULE	TAN, TGL1
Observation Comment: posterior, 6x4x2 mm, found at trim			
Observation Comment: 4x4x2 mm			
[MASS TGLS = TGL6]			
[NODULE TGLS = TGL1]			
LUNG	ACCESSORY LOBE	NODULE	WHITE, TGL7, 1
	LOBE, LEFT	NODULE	TWO, WHITE, TGL3, 1, 2
Observation Comment: 3x2x1 mm, found at trim			
Observation Comment: 3x3x2 mm			
[NODULE TGLS = TGL7, 1]			
[NODULE TGLS = TGL3, 1, 2]			
SPLEEN		ENLARGED	TGL2

ANIMAL ID: 386	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700551

Observation Comment: 20x5x3 mm
[ENLARGED TGLS = TGL2]

ANIMAL ID: 386	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700551

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	KIDNEY
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

OBSERVATIONS

HARDERIAN GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 4-10, Gross Finding = HARDERIAN GLAND; RIGHT; ENLARGED; TGL4]			
INTESTINE, SMALL, JEJUNUM	LYMPHOID TISSUE	CELLULARITY INCREASED	LYMPHOCYTE, MARKED
[CELLULARITY INCREASED TGLS = TGL 5-16, Gross Finding = INTESTINE, SMALL, JEJUNUM; ENLARGED; TGL5]			
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 1-6, TGL 6-15			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, TGL6-15, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL1]			
[HEPATOCELLULAR ADENOMA TGLS = TGL1-6, TGL6-15, Gross Finding = LIVER; RIGHT; MASS; TAN; TGL6]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
Tissue Comment: TGL 7-5, TGL 3-5			
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL7-5, TGL3-5, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; WHITE; TGL7, 1]			
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL7-5, TGL3-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; TWO, WHITE; TGL3, 1, 2]			
NOSE	RESPIRATORY EPITHELIUM	HYPERPLASIA	MINIMAL
OVARY		HYPERPLASIA	TUBULOSTROMAL, MARKED
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 2-6, Gross Finding = SPLEEN; ENLARGED; TGL2]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

ANIMAL ID: 387	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700552

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LIVER		MASS	MOTTLED, TGL2
Observation Comment: 30x20x8 mm, TGL2 affects all lobes, all liver lobes adhered to each other.			
[MASS TGLS = TGL2]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	LEFT	MASS	MOTTLED, TGL1
Observation Comment: 13x12x3 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 387	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD699
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700552

HISTOPATH TISSUE STATUS

Within Normal Limits			
ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY	LARYNX	LUNG
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, GLANDULAR	THYROID GLAND
UTERINE CERVIX	VAGINA		
Autolysis Precludes Examination			
MAMMARY GLAND	STOMACH, FORESTOMACH	THYMUS	TRACHEA
URINARY BLADDER			
No Section Present			
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC

OBSERVATIONS

LIVER		HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 2-15, Gross Finding = LIVER; MASS; MOTTLED; TGL2]			
OVARY		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-15, Gross Finding = OVARY; LEFT; MASS; MOTTLED; TGL1]			
SPLEEN		HISTIOCYTIC SARCOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LIVER; HISTIOCYTIC SARCOMA

ANIMAL ID: 388	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700553

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL3
	RIGHT	MASS	MOTTLED, TGL2
Observation Comment: 10x10x5 mm			
Observation Comment: posterior, 12x10x5 mm			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			
LUNG	RIGHT, CRANIAL	NODULE	DARK, TGL4
Observation Comment: 4x4x3 mm, found at trim			
[NODULE TGLS = TGL4]			
MAMMARY GLAND	LEFT, DORSAL	MASS	DARK, TGL1
Observation Comment: thoracic, 30x25x10 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 388	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD731
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700553

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	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	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	SALIVARY GLAND	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

Autolysis Precludes Examination

URINARY BLADDER

No Section Present

MAMMARY GLAND — PITUITARY GLAND

OBSERVATIONS

HARDERIAN GLAND		CYST	
HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
Tissue Comment: TGL 3-6, TGL 2-16			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-16, TGL3-6, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL3]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL2-16, TGL3-6, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		HEPATOCELLULAR CARCINOMA	METASTATIC
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
[HEPATOCELLULAR CARCINOMA TGLS = TGL 4-5, Gross Finding = LUNG; RIGHT, CRANIAL; NODULE; DARK; TGL4]			
SKIN		FIBROSARCOMA	
[FIBROSARCOMA TGLS = TGL 1-15, Gross Finding = MAMMARY GLAND; LEFT, DORSAL; MASS; DARK; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

ANIMAL ID: 389	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD703
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700554

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

LIVER		DEFORMITY	MOTTLED, TGL2
Observation Comment: TGL2 = granular, affects all liver lobes			
[DEFORMITY TGLS = TGL2]			
LUNG	RIGHT	NODULE	CAUDAL, TAN, 1, TGL5
Observation Comment: 3x3x1 mm			
[NODULE TGLS = 1, TGL5]			
LYMPH NODE	LUMBAR	ENLARGED	TAN, TWO, TGL3, 2
	RENAL	ENLARGED	TAN, TWO, TGL4, 2
Observation Comment: 5x			
Observation Comment: 3x			
[ENLARGED TGLS = TGL3, 2]			
[ENLARGED TGLS = TGL4, 2]			
NO CORRELATE		TO OBSERVATION / MASS	
SPLEEN		ENLARGED	RED, TGL1
Observation Comment: 50x20x5 mm			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 389	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD703
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700554

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	SKIN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
KIDNEY		LYMPHOMA	MALIGNANT
LIVER		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-6, Gross Finding = LIVER; DEFORMITY; MOTTLED; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
		LYMPHOMA	MALIGNANT
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 5-5, Gross Finding = LUNG; RIGHT; NODULE; CAUDAL, TAN; 1, TGL5]			
LYMPH NODE	LUMBAR	LYMPHOMA	MALIGNANT
	RENAL	LYMPHOMA	MALIGNANT
Tissue Comment: TGL 3-15, TGL 4-16			
[LYMPHOMA TGLS = TGL3-15, Gross Finding = LYMPH NODE; LUMBAR; ENLARGED; TAN, TWO; TGL3, 2]			
[LYMPHOMA TGLS = TGL4-16, 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
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
OVARY		HYPERPLASIA	TUBULOSTROMAL, MILD
PITUITARY GLAND		LYMPHOMA	MALIGNANT
SALIVARY GLAND		LYMPHOMA	MALIGNANT
SPLEEN		LYMPHOMA	MALIGNANT
Observation Comment: multicentric			
[LYMPHOMA TGLS = TGL 1-15, Gross Finding = SPLEEN; ENLARGED; RED; TGL1]			
THYMUS		LYMPHOMA	MALIGNANT
URINARY BLADDER		LYMPHOMA	MALIGNANT

ANIMAL ID: 389	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD703
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700554

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
		LYMPHOMA	MALIGNANT

CONTRIBUTORY CAUSE OF DEATH - LIVER; LYMPHOMA; MALIGNANT

Animal Note: Bilateral ear pinnea and top of the head skin partially cannibalized.

ANIMAL ID: 390	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700555

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	MOTTLED, TGL1
Observation Comment: 11x8x8 mm			
[ENLARGED TGLS = TGL1]			
LIVER	RIGHT	MASS	TAN, TGL3
	LOBE, LEFT	NODULE	MOTTLED, TGL2
	LOBE, MEDIAN	NODULE	TAN, TGL4
Observation Comment: posterior, 9x8x3 mm, found at trim			
Observation Comment: 3x3x2 mm			
Observation Comment: 2x2x1 mm, found at trim			
[MASS TGLS = TGL3]			
[NODULE TGLS = TGL2]			
[NODULE TGLS = TGL4]			
LUNG	LOBE, LEFT	NODULE	WHITE, TGL5, 1
Observation Comment: 2x2x2 mm, found at trim			
[NODULE TGLS = TGL5, 1]			

ANIMAL ID: 390	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700555

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	MALIGNANT
[PHEOCHROMOCYTOMA TGLS = TGL 1-15, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; MOTTLED; TGL1]			
HARDERIAN GLAND		ADENOMA	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 2-6, TGL 3-16, TGL 4-6			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-6, TGL2-6, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; NODULE; MOTTLED; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-6, TGL2-6, TGL3-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL4]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-6, TGL2-6, TGL3-16, Gross Finding = LIVER; RIGHT; MASS; TAN; TGL3]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL 5-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL5, 1]			
NOSE	OLFACTORY EPITHELIUM	METAPLASIA	RESPIRATORY, MINIMAL
OVARY		HYPERPLASIA	TUBULOSTROMAL, MODERATE
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 391	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700556

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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	TRIGEMINAL GANGLION
URINARY BLADDER	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM	PEYERS PATCH	ENLARGED	FOUR, TAN, 1, TGL6
Observation Comment: up to 5 X 5 X 5 mm			
[ENLARGED TGLS = 1, TGL6]			
LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL4
	LOBE, MEDIAN	NODULE	TAN, TGL5
Observation Comment: 9 X 7 X 3 mm			
Observation Comment: 2 X 2 X 2 mm			
[MASS TGLS = TGL4]			
[NODULE TGLS = TGL5]			
LYMPH NODE, MESENTERIC		ENLARGED	MOTTLED, TGL1
Observation Comment: 20X			
[ENLARGED TGLS = TGL1]			
SPLEEN		ENLARGED	RED, TGL2
Observation Comment: 30 X 9 X 7 mm			
[ENLARGED TGLS = TGL2]			
UTERUS		MASS	RED, TGL3
Observation Comment: Left Horn; 15 X 9 X 9 mm			
[MASS TGLS = TGL3]			

ANIMAL ID: 391	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700556

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	KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	MAMMARY GLAND	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

No Section Present

GALLBLADDER, LYMPH NODE, MEDIASTINAL

OBSERVATIONS

ADRENAL GLAND	BILATERAL, CORTEX, SUBCAPSULAR	HYPERPLASIA	MODERATE
HEART		CARDIOMYOPATHY	MINIMAL
INTESTINE, SMALL, JEJUNUM		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 6-19, Gross Finding = INTESTINE, SMALL, JEJUNUM; PEYERS PATCH; ENLARGED; FOUR, TAN; 1, TGL6]			
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		LYMPHOMA	MALIGNANT
Tissue Comment: TGL 4-17, TGL 5-18,			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-17, TGL5-18, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL4]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-17, TGL5-18, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL5]			
LUNG	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MILD
LYMPH NODE, MESENTERIC		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 1-15, Gross Finding = LYMPH NODE, MESENTERIC; ENLARGED; MOTTLED; TGL1]			
OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MINIMAL
SPLEEN		LYMPHOMA	MALIGNANT
[LYMPHOMA TGLS = TGL 2-16, Gross Finding = SPLEEN; ENLARGED; RED; TGL2]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE
		THROMBUS	
Tissue Comment: TGL 3-14, TGL 3-13			
[HYPERPLASIA TGLS = TGL3-14, Gross Finding = UTERUS; MASS; RED; TGL3]			

ANIMAL ID: 391	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700556

[THROMBUS TGLS = TGL3-14, Gross Finding = UTERUS; MASS; RED; TGL3]

ANIMAL ID: 392	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700557

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	MOTTLED, TGL4
	LOBE, LEFT	MASS	MOTTLED, TGL1
	LOBE, MEDIAN	MASS	MOTTLED, TGL3
	LOBE, MEDIAN	MASS	MOTTLED, TGL2
	LOBE, LEFT	NODULE	MOTTLED, TGL5

Tissue Comment: Greater than 5 masses or nodules present, largest 5 recorded.
Observation Comment: 7x7x5 mm
Observation Comment: 16x12x8 mm
Observation Comment: 8x8x6 mm
Observation Comment: 10x10x10 mm
Observation Comment: 4x4x4 mm
[MASS TGLS = TGL4]
[MASS TGLS = TGL1]
[MASS TGLS = TGL3]
[MASS TGLS = TGL2]
[NODULE TGLS = TGL5]

LUNG	LOBE, LEFT	NODULE	WHITE, TGL6, 1
		NODULE	CAUDAL, WHITE, TGL7, 2

Observation Comment: 3x2x1 mm

ANIMAL ID: 392	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700557

Observation Comment: 2x2x1 mm			
[NODULE TGLS = TGL6, 1]			
[NODULE TGLS = TGL7, 2]			
MESENTERY		NODULE	WHITE, TGL8, 1
Observation Comment: fat, 3x2x2 mm			
[NODULE TGLS = TGL8, 1]			
OVARY	LEFT	ENLARGED	TAN, TGL9
Observation Comment: 4x			
[ENLARGED TGLS = TGL9]			
UTERUS	RIGHT	MASS	MOTTLED, TGL10
Observation Comment: horn, 12x7x2			
[MASS TGLS = TGL10]			

ANIMAL ID: 392	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700557

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

No Section Present

PITUITARY GLAND

OBSERVATIONS

KIDNEY		METAPLASIA	OSSEOUS
LIVER		EOSINOPHILIC FOCUS	MULTIPLE
		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 1-15, TGL 2-16, TGL 3-17, TGL 4-18, TGL 5-19

[HEPATOCELLULAR ADENOMA TGLS = TGL5-19, TGL4-18, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL4]

[HEPATOCELLULAR ADENOMA TGLS = TGL5-19, TGL4-18, Gross Finding = LIVER; LOBE, LEFT; NODULE; MOTTLED; TGL5]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-17, TGL1-15, TGL2-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-17, TGL1-15, TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL3-17, TGL1-15, TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL3]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 7-5, TGL 6-5

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL6-5, TGL7-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL6, 1]

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL6-5, TGL7-5, Gross Finding = LUNG; NODULE; CAUDAL, WHITE; TGL7, 2]

MESENTERY	ADIPOSE TISSUE	NECROSIS	

[NECROSIS TGLS = TGL 8-20, Gross Finding = MESENTERY; NODULE; WHITE; TGL8, 1]

OVARY		TUBULOSTROMAL ADENOMA	

[TUBULOSTROMAL ADENOMA TGLS = TGL 9-12, Gross Finding = OVARY; LEFT; ENLARGED; TAN; TGL9]

URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
UTERUS		ADENOCARCINOMA	

ANIMAL ID: 392	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700557

ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

Tissue Comment: TGL 10-13, TGL 10-14

[ADENOCARCINOMA TGLS = TGL10-13, Gross Finding = UTERUS; RIGHT; MASS; MOTTLED; TGL10]

ANIMAL ID: 393	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700558

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
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	TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS
VAGINA	ZYMBALS GLAND		

OBSERVATIONS

LIVER	LOBE, LEFT	MASS	PALE, TGL2
	LOBE, LEFT	MASS	PALE, TGL1
	LOBE, MEDIAN	MASS	PALE, TGL4
	RIGHT	MASS	PALE, TGL3
	LOBE, MEDIAN	NODULE	TAN, TGL5

Observation Comment: 10x8x6 mm
Observation Comment: 25x20x12 mm
Observation Comment: 12x8x6 mm
Observation Comment: posterior, 12x12x7 mm
Observation Comment: 3x2x2 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL1]
[MASS TGLS = TGL4]
[MASS TGLS = TGL3]
[NODULE TGLS = TGL5]

LUNG	LOBE, LEFT	NODULE	WHITE, TGL9, 1
	LOBE, MIDDLE, RIGHT	NODULE	WHITE, TGL7, 1
	RIGHT	NODULE	CAUDAL, WHITE, TGL8, 2

ANIMAL ID: 393	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700558
Observation Comment: 3x2x1 mm				
Observation Comment: 4x4x3 mm				
Observation Comment: 2x1x1 mm				
[NODULE TGLS = TGL9, 1]				
[NODULE TGLS = TGL7, 1]				
[NODULE TGLS = TGL8, 2]				
MAMMARY GLAND	RIGHT, AXILLARY	MASS	TAN, TGL6	
Observation Comment: 14x9x3 mm				
[MASS TGLS = TGL6]				
NO CORRELATE		TO OBSERVATION / MASS		

ANIMAL ID: 393	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700558

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
UTERINE CERVIX	VAGINA		

OBSERVATIONS

HEART		CARDIOMYOPATHY	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE
	CENTRILOBULAR	NECROSIS	MODERATE

Tissue Comment: TGL 1-16, TGL 3-16, TGL 4-16, TGL 5-16, TGL 2-16

[HEPATOCELLULAR ADENOMA TGLS = TGL2-16, TGL5-16, Gross Finding = LIVER; LOBE, LEFT; MASS; PALE; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL2-16, TGL5-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL5]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-16, TGL3-16, TGL4-16, Gross Finding = LIVER; LOBE, LEFT; MASS; PALE; TGL1]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-16, TGL3-16, TGL4-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; PALE; TGL4]

[HEPATOCELLULAR CARCINOMA TGLS = TGL1-16, TGL3-16, TGL4-16, Gross Finding = LIVER; RIGHT; MASS; PALE; TGL3]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED

Tissue Comment: TGL 7-5, TGL 8-5, TGL 9-5

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL7-5, TGL9-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL9, 1]

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL7-5, TGL9-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; WHITE; TGL7, 1]

[HYPERPLASIA TGLS = TGL8-5, Gross Finding = LUNG; RIGHT; NODULE; CAUDAL, WHITE; TGL8, 2]

LYMPH NODE, BRONCHIAL		ALVEOLAR/BRONCHIOLAR CARCINOMA	METASTATIC
MESENTERY	ADIPOSE TISSUE	NECROSIS	MODERATE

[NECROSIS TGLS = TGL 6-17, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; TAN; TGL6]

NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL

ANIMAL ID: 393	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700558

OVARY	BILATERAL	HYPERPLASIA	TUBULOSTROMAL, MODERATE
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

ANIMAL ID: 394	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700559

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

PITUITARY GLAND	ENLARGED	RED, TGL1
Observation Comment: 4 X 3 X 3 mm		
[ENLARGED TGLS = TGL1]		

ANIMAL ID: 394	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD733
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700559

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND	NOSE
PANCREAS	PARATHYROID GLAND	SALIVARY GLAND	SKIN
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	UTERINE CERVIX	VAGINA

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
OVARY		CYSTADENOMA	
		HYPERPLASIA	TUBULOSTROMAL, MARKED
PITUITARY GLAND	PARS DISTALIS	ADENOMA	
[ADENOMA TGLS = TGL 1-9, Gross Finding = PITUITARY GLAND; ENLARGED; RED; TGL1]			
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 395	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD484
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700560

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH
NERVE, SCIATIC	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	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	LEFT	NODULE	TAN, TGL1
Observation Comment: 4 X 3 X 1 mm			
[NODULE TGLS = TGL1]			
NO CORRELATING LESION		TO OBSERVATION / MASS	
NOSE			
Tissue Comment: Nasal Cavity did not flush			

ANIMAL ID: 395	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD484
	SELECTION: Core Animals		**DISP:** Euthanized Moribund	**HISTO:** 1700560

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LIVER	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	MAMMARY GLAND
PANCREAS	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	UTERINE CERVIX		

No Section Present

PARATHYROID GLAND

OBSERVATIONS

HARDERIAN GLAND		ADENOMA	
[ADENOMA TGLS = TGL 1-10, Gross Finding = HARDERIAN GLAND; LEFT; NODULE; TAN; TGL1]			
HEART		CARDIOMYOPATHY	MINIMAL
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
OVARY	GRANULOSA CELL	HYPERPLASIA	MARKED
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MODERATE
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
VAGINA		INFLAMMATION	SUPPURATIVE, MINIMAL

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Carcass is thin but not associated with a pathological lesion

ANIMAL ID: 396	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700561

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

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

OBSERVATIONS

LIVER	LOBE, MEDIAN	MASS	MOTTLED, TGL2
	RIGHT	MASS	MOTTLED, TGL1
Observation Comment: 8x8x4 mm			
Observation Comment: anterior, 12x10x8 mm			
[MASS TGLS = TGL2]			
[MASS TGLS = TGL1]			
LUNG	LOBE, LEFT	FOCUS	WHITE, TGL5, 1
	LOBE, LEFT	NODULE	WHITE, TGL6, 1
	LOBE, MIDDLE, RIGHT	NODULE	WHITE, TGL7, 1
	LOBE, MIDDLE, RIGHT	NODULE	WHITE, TGL8, 1
Observation Comment: 3x2			
Observation Comment: 4x3x2			
Observation Comment: 3x3x2			
Observation Comment: 4x3x3			
[FOCUS TGLS = TGL5, 1]			
[NODULE TGLS = TGL6, 1]			
[NODULE TGLS = TGL7, 1]			
[NODULE TGLS = TGL8, 1]			
OVARY	RIGHT	CYST	CLEAR, TGL4

ANIMAL ID: 396	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700561

LEFT	ENLARGED	MOTTLED, TGL3

Observation Comment: 8x6x3
Observation Comment: 4x
[CYST TGLS = TGL4]
[ENLARGED TGLS = TGL3]

ANIMAL ID: 396	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700561

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	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
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
		INFARCT	MILD
LIVER		CLEAR CELL FOCUS	
		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE

Tissue Comment: TGL 1-15, TGL 2-16

[HEPATOCELLULAR ADENOMA TGLS = TGL1-15, TGL2-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR ADENOMA TGLS = TGL1-15, TGL2-16, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL1]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	MULTIPLE
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED

Tissue Comment: TGL 6-5, TGL 8-5, TGL 5-5, TGL 7-5

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL8-5, TGL6-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL6, 1]

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL8-5, TGL6-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; WHITE; TGL8, 1]

[HYPERPLASIA TGLS = TGL5-5, TGL7-5, Gross Finding = LUNG; LOBE, LEFT; FOCUS; WHITE; TGL5, 1]

[HYPERPLASIA TGLS = TGL5-5, TGL7-5, Gross Finding = LUNG; LOBE, MIDDLE, RIGHT; NODULE; WHITE; TGL7, 1]

OVARY		CYST	
		HYPERPLASIA	TUBULOSTROMAL, MILD
		TUBULOSTROMAL ADENOMA	

Tissue Comment: TGL 3-12, TGL 4-12

[CYST TGLS = TGL4-12, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL4]

[TUBULOSTROMAL ADENOMA TGLS = TGL3-12, Gross Finding = OVARY; LEFT; ENLARGED; MOTTLED; TGL3]

ANIMAL ID: 396	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700561

THYROID GLAND	FOLLICULAR CELL	ADENOMA	
URINARY BLADDER		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 397	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700562

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	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
TRIGEMINAL GANGLION	URINARY BLADDER	UTERUS	VAGINA
ZYMBALS GLAND			

OBSERVATIONS

ADRENAL GLAND	LEFT	ENLARGED	TGL4
Observation Comment: 3x			
[ENLARGED TGLS = TGL4]			
HARDERIAN GLAND	LEFT	ENLARGED	PALE, TGL5
Observation Comment: 4x, TGL5 accounts for eye abnormality			
[ENLARGED TGLS = TGL5]			
LIVER	LOBE, LEFT	MASS	MOTTLED, TWO, TGL3, 2
	LOBE, MEDIAN	MASS	MOTTLED, TGL2
Observation Comment: up to 7x5x5 mm			
Observation Comment: 10x10x10 mm			
[MASS TGLS = TGL3, 2]			
[MASS TGLS = TGL2]			
MAMMARY GLAND	RIGHT, AXILLARY	MASS	MOTTLED, TGL1
Observation Comment: 17x15x10 mm			
[MASS TGLS = TGL1]			

ANIMAL ID: 397	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD683
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700562

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CLITORAL GLAND	ESOPHAGUS	EYE	GALLBLADDER
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
UTERINE CERVIX	VAGINA		

OBSERVATIONS

ADRENAL GLAND		PHEOCHROMOCYTOMA	MALIGNANT
[PHEOCHROMOCYTOMA TGLS = TGL 4-9, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; TGL4]			
HARDERIAN GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 5-10, Gross Finding = HARDERIAN GLAND; LEFT; ENLARGED; PALE; TGL5]			
HEART		BACTERIA	
	VALVE	INFLAMMATION	SUPPURATIVE, MODERATE
	VALVE	THROMBUS	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE
	CENTRILOBULAR	NECROSIS	MILD
Tissue Comment: TGL 2-6, TGL 3-6, TGL 2-16			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL2-6, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED, TWO; TGL3, 2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL3-6, TGL2-6, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		HEMORRHAGE	MARKED
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-15, Gross Finding = MAMMARY GLAND; RIGHT, AXILLARY; MASS; MOTTLED; TGL1]			
OVARY		TUBULOSTROMAL ADENOMA	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

CONTRIBUTORY CAUSE OF DEATH	- HEART; THROMBUS; VALVE

ANIMAL ID: 398	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD587
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700563

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

AORTA	BONE, FEMUR	BRAIN	CARCASS
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	OVARY - LEFT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

ABDOMEN		ACCUMULUATION	RED, TGL6
Observation Comment: cavity, ~2 mL			
[ACCUMULUATION TGLS = TGL6]			
ADRENAL GLAND	LEFT	ENLARGED	DARK, TGL3
Observation Comment: 2x			
[ENLARGED TGLS = TGL3]			
LIVER	LOBE, LEFT	MASS	DARK, TGL4
	LOBE, MEDIAN	MASS	DARK, TGL5
Observation Comment: 23x10x5 mm			
Observation Comment: 15x11x7 mm			
[MASS TGLS = TGL4]			
[MASS TGLS = TGL5]			
NO CORRELATE		TO OBSERVATION / MASS	
OVARY	RIGHT	CYST	CLEAR, TGL2
Observation Comment: 2x2x2 mm			
[CYST TGLS = TGL2]			
SPLEEN		ENLARGED	DARK, TGL1
Observation Comment: 40x11x5 mm			
[ENLARGED TGLS = TGL1]			

ANIMAL ID: 398	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD587
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700563

HISTOPATH TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
ESOPHAGUS	EYE	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	LARYNX	MAMMARY GLAND	PITUITARY GLAND
SALIVARY GLAND	SKIN	STOMACH, FORESTOMACH	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

Autolysis Precludes Examination

INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LYMPH NODE, BRONCHIAL	LYMPH NODE, MESENTERIC	NOSE	PANCREAS
STOMACH, GLANDULAR	URINARY BLADDER		

No Section Present

CLITORAL GLAND	GALLBLADDER	LYMPH NODE, MEDIASTINAL	PARATHYROID GLAND
THYMUS			

OBSERVATIONS

ADRENAL GLAND		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 3-15, Gross Finding = ADRENAL GLAND; LEFT; ENLARGED; DARK; TGL3]			
CAVITY		NO CORRESPONDING LESION	
Tissue Comment: TGL 6-NoSlide			
[NO CORRESPONDING LESION TGLS = TGL 6-NOSLIDE, Gross Finding = ABDOMEN; ACCUMULUATION; RED; TGL6]			
HARDERIAN GLAND	BILATERAL	ADENOMA	
KIDNEY		HISTIOCYTIC SARCOMA	
LIVER		HEPATOCELLULAR CARCINOMA	MULTIPLE
		HISTIOCYTIC SARCOMA	
Tissue Comment: TGL 4-15, TGL 5-16			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-15, TGL5-16, Gross Finding = LIVER; LOBE, LEFT; MASS; DARK; TGL4]			
[HEPATOCELLULAR CARCINOMA TGLS = TGL4-15, TGL5-16, Gross Finding = LIVER; LOBE, MEDIAN; MASS; DARK; TGL5]			
LUNG		HISTIOCYTIC SARCOMA	
LYMPH NODE, MANDIBULAR		HISTIOCYTIC SARCOMA	
OVARY		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 2-12, Gross Finding = OVARY; RIGHT; CYST; CLEAR; TGL2]			
SPLEEN		HISTIOCYTIC SARCOMA	
[HISTIOCYTIC SARCOMA TGLS = TGL 1-15, Gross Finding = SPLEEN; ENLARGED; DARK; TGL1]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

ANIMAL ID: 398	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD587
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700563

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

Animal Note: Right facial skin and right eye missing due to partial cannibalization

ANIMAL ID: 399	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700564

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC
MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC	NOSE
OVARY - RIGHT	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD
SPLEEN	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TONGUE	TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER
UTERUS	VAGINA	ZYMBALS GLAND	

OBSERVATIONS

HARDERIAN GLAND	BILATERAL	ENLARGED	TAN, TGL7
Observation Comment: 2x			
[ENLARGED TGLS = TGL7]			
LIVER	LOBE, LEFT	FOCUS	DARK, TWO, TGL8, 2
	RIGHT	FOCUS	DARK, TGL9
	LOBE, LEFT	MASS	MOTTLED, TGL3
	LOBE, MEDIAN	MASS	MOTTLED, TGL2
	LOBE, LEFT	NODULE	MOTTLED, TGL4
	RIGHT	NODULE	TAN, TGL10
Observation Comment: up to 3x2 mm, found at trim			
Observation Comment: posterior, 2x2 mm, found at trim			
Observation Comment: 5x4x2 mm			
Observation Comment: 20x6x6 mm			
Observation Comment: 2x2x2 mm			
Observation Comment: anterior, 3x2x2 mm, found at trim			
[FOCUS TGLS = TGL8, 2]			
[FOCUS TGLS = TGL9]			
[MASS TGLS = TGL3]			
[MASS TGLS = TGL2]			

ANIMAL ID: 399	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700564

[NODULE TGLS = TGL4]			
[NODULE TGLS = TGL10]			
LUNG		MASS	CAUDAL, TAN, 1, TGL6
Observation Comment: 21x8x8 mm			
[MASS TGLS = 1, TGL6]			
MAMMARY GLAND	LEFT, THORACIC	MASS	MOTTLED, TGL1
Observation Comment: 24x20x16 mm			
[MASS TGLS = TGL1]			
OVARY	LEFT	MASS	MOTTLED, TGL5
Observation Comment: 6x4x4 mm			
[MASS TGLS = TGL5]			
STOMACH, FORESTOMACH		NODULE	WHITE, TGL11, 1
Observation Comment: 4x3x1 mm, found at trim			
[NODULE TGLS = TGL11, 1]			

ANIMAL ID: 399	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700564

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND
SKIN	SPLEEN	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	UTERINE CERVIX	VAGINA	

OBSERVATIONS

HARDERIAN GLAND	BILATERAL	ADENOMA	
[ADENOMA TGLS = TGL 7-10, Gross Finding = HARDERIAN GLAND; BILATERAL; ENLARGED; TAN; TGL7]			
HEART		CARDIOMYOPATHY	MILD
LIVER		ANGIECTASIS	MILD
		FATTY CHANGE	DIFFUSE, MINIMAL
		HEPATOCELLULAR ADENOMA	MULTIPLE
Tissue Comment: TGL 8-18, TGL 2-16, TGL 3-17, TGL 4-17, TGL 9-6, TGL 10-16			
[ANGIECTASIS TGLS = TGL8-18, Gross Finding = LIVER; LOBE, LEFT; FOCUS; DARK, TWO; TGL8, 2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-17, TGL10-16, TGL2-16, TGL9-6, TGL3-17, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL3]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-17, TGL10-16, TGL2-16, TGL9-6, TGL3-17, Gross Finding = LIVER; LOBE, LEFT; NODULE; MOTTLED; TGL4]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-17, TGL10-16, TGL2-16, TGL9-6, TGL3-17, Gross Finding = LIVER; LOBE, MEDIAN; MASS; MOTTLED; TGL2]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-17, TGL10-16, TGL2-16, TGL9-6, TGL3-17, Gross Finding = LIVER; RIGHT; FOCUS; DARK; TGL9]			
[HEPATOCELLULAR ADENOMA TGLS = TGL4-17, TGL10-16, TGL2-16, TGL9-6, TGL3-17, Gross Finding = LIVER; RIGHT; NODULE; TAN; TGL10]			
LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
	ALVEOLAR/BRONCHIOLAR, EPITHELIUM	HYPERPLASIA	MARKED
[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL 6-5, Gross Finding = LUNG; MASS; CAUDAL, TAN; 1, TGL6]			
LYMPH NODE	PANCREATIC	HYPERPLASIA	LYMPHOCYTE, MARKED
LYMPH NODE, MEDIASTINAL		HYPERPLASIA	LYMPHOCYTE, MODERATE
MAMMARY GLAND		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = TGL 1-15, Gross Finding = MAMMARY GLAND; LEFT, THORACIC; MASS; MOTTLED; TGL1]			
NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY		HYPERPLASIA	TUBULOSTROMAL, MINIMAL

ANIMAL ID: 399	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD732
	SELECTION: Core Animals		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1700564

		TUBULOSTROMAL ADENOMA	
[TUBULOSTROMAL ADENOMA TGLS = TGL 5-12, Gross Finding = OVARY; LEFT; MASS; MOTTLED; TGL5]			
STOMACH, FORESTOMACH		SQUAMOUS CELL CARCINOMA	
[SQUAMOUS CELL CARCINOMA TGLS = TGL 11-19, Gross Finding = STOMACH, FORESTOMACH; NODULE; WHITE; TGL11, 1]			
THYMUS	LYMPHOCYTE	HYPERPLASIA	ATYPICAL, MILD
URINARY BLADDER	UROTHELIUM	HYPERPLASIA	MILD
		INFILTRATION CELLULAR	LYMPHOCYTE, MILD
UTERUS		FIBROSIS	MODERATE
	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

ANIMAL ID: 400	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD704
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700565

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	OVARY - RIGHT	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LIVER	RIGHT	MASS	MOTTLED, TGL2
Observation Comment: anterior, 31x20x8 mm, TGL2 adhered to body wall and diaphragm and firm. Accounts for clinical observation.			
[MASS TGLS = TGL2]			
LUNG	ACCESSORY LOBE	NODULE	WHITE, TGL4, 1
	LOBE, LEFT	NODULE	WHITE, TGL3, 1
Observation Comment: 2x2x2 mm			
[NODULE TGLS = TGL4, 1]			
[NODULE TGLS = TGL3, 1]			
OVARY	LEFT	MASS	RED, TGL1
Observation Comment: 35x30x15 mm			
[MASS TGLS = TGL1]			
SPLEEN		ENLARGED	RED, TGL5
Observation Comment: 28x8x2 mm			
[ENLARGED TGLS = TGL5]			

ANIMAL ID: 400	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD704
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700565

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, ILEUM	INTESTINE, SMALL, JEJUNUM	LARYNX
LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLAND	SKIN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERINE CERVIX	VAGINA	

Autolysis Precludes Examination

GALLBLADDER	INTESTINE, SMALL, DUODENUM

No Section Present

LYMPH NODE, MEDIASTINAL	THYMUS

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE	PIGMENT	MODERATE
LIVER		NECROSIS	MODERATE
		SARCOMA	
[SARCOMA TGLS = TGL 2-16, Gross Finding = LIVER; RIGHT; MASS; MOTTLED; TGL2]			
LUNG		ALVEOLAR/BRONCHIOLAR ADENOMA	
		NO CORRESPONDING LESION	
Tissue Comment: TGL 3-5, TGL 4-5			
[ALVEOLAR/BRONCHIOLAR ADENOMA TGLS = TGL3-5, Gross Finding = LUNG; LOBE, LEFT; NODULE; WHITE; TGL3, 1]			
[NO CORRESPONDING LESION TGLS = TGL4-5, Gross Finding = LUNG; ACCESSORY LOBE; NODULE; WHITE; TGL4, 1]			
MAMMARY GLAND	DUCT	DILATION	MILD
NOSE	RESPIRATORY EPITHELIUM	METAPLASIA	SQUAMOUS, MINIMAL
OVARY		GRANULOSA CELL TUMOR	MALIGNANT
[GRANULOSA CELL TUMOR TGLS = TGL 1-15, Gross Finding = OVARY; LEFT; MASS; RED; TGL1]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 5-16, Gross Finding = SPLEEN; ENLARGED; RED; TGL5]			
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MODERATE

CONTRIBUTORY CAUSE OF DEATH	- LIVER; SARCOMA

ANIMAL ID: 362R	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700527

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	GALLBLADDER	HARDERIAN GLAND	HEART
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	KIDNEY - LEFT	KIDNEY - RIGHT
LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR	LYMPH NODE, MEDIASTINAL
LYMPH NODE, MESENTERIC	MAMMARY GLAND, INGUINAL	MUSCLE, THIGH	NERVE, SCIATIC
NOSE	OVARY - LEFT	OVARY - RIGHT	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	SALIVARY GLANDS
SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	UTERUS	VAGINA	ZYMBALS GLAND

OBSERVATIONS

LIVER	CAUDATE LOBE	MASS	MOTTLED, TGL2
	LOBE, LEFT	MASS	MOTTLED, TGL3
	LOBE, LEFT	MASS	TAN, TGL4
	LOBE, MEDIAN	MASS	TAN, TGL5
	LOBE, MEDIAN	NODULE	TAN, TGL6

Tissue Comment: Greater than 5 masses or nodules present in liver, largest 5 recorded. Liver masses not collected for oncogenes as past collection time.
Observation Comment: 11x8x5 mm
Observation Comment: 13x9x4 mm
Observation Comment: 10x6x3 mm
Observation Comment: 9x9x3 mm
Observation Comment: 1x1x1 mm
[MASS TGLS = TGL2]
[MASS TGLS = TGL3]
[MASS TGLS = TGL4]
[MASS TGLS = TGL5]
[NODULE TGLS = TGL6]

LUNG	RIGHT	NODULE	CAUDAL, WHITE, TGL10, 2
	RIGHT	NODULE	CAUDAL, WHITE, TGL9, 2

Observation Comment: 2x2x1 mm

ANIMAL ID: 362R	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700527

Observation Comment: 3x3x1 mm			
[NODULE TGLS = TGL10, 2]			
[NODULE TGLS = TGL9, 2]			
MAMMARY GLAND	ABDOMINAL	CYST	CLEAR, TGL7
	LEFT, AXILLARY	MASS	TAN, TGL1
Observation Comment: 25x20x12 mm			
Observation Comment: 45x40x15 mm, TGL1 is ulcerated and incorporates left limb			
[CYST TGLS = TGL7]			
[MASS TGLS = TGL1]			
NO CORRELATE		TO OBSERVATION / MASS	
SPLEEN		NODULE	TAN, TGL8
Observation Comment: 3x3x3 mm			
[NODULE TGLS = TGL8]			

ANIMAL ID: 362R	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700527

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CLITORAL GLAND	ESOPHAGUS	EYE
GALLBLADDER	HARDERIAN GLAND	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY	LARYNX	LYMPH NODE, BRONCHIAL	LYMPH NODE, MANDIBULAR
LYMPH NODE, MEDIASTINAL	LYMPH NODE, MESENTERIC	PANCREAS	PARATHYROID GLAND
SALIVARY GLAND	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERINE CERVIX
VAGINA			

No Section Present

OVARY	PITUITARY GLAND

OBSERVATIONS

HEART		CARDIOMYOPATHY	MINIMAL
LIVER		HEPATOCELLULAR ADENOMA	MULTIPLE
		HEPATOCELLULAR CARCINOMA	MULTIPLE

Tissue Comment: TGL 2-15, TGL 3-16, TGL 4-17, TGL 5-18, TGL 6-18

[HEPATOCELLULAR ADENOMA TGLS = TGL5-18, Gross Finding = LIVER; LOBE, MEDIAN; MASS; TAN; TGL5]

[HEPATOCELLULAR CARCINOMA TGLS = TGL4-17, TGL6-18, TGL2-15, TGL3-16, Gross Finding = LIVER; CAUDATE LOBE; MASS; MOTTLED; TGL2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL4-17, TGL6-18, TGL2-15, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; MASS; MOTTLED; TGL3]

[HEPATOCELLULAR CARCINOMA TGLS = TGL4-17, TGL6-18, TGL2-15, TGL3-16, Gross Finding = LIVER; LOBE, LEFT; MASS; TAN; TGL4]

[HEPATOCELLULAR CARCINOMA TGLS = TGL4-17, TGL6-18, TGL2-15, TGL3-16, Gross Finding = LIVER; LOBE, MEDIAN; NODULE; TAN; TGL6]

LUNG		ALVEOLAR/BRONCHIOLAR CARCINOMA	
		HEPATOCELLULAR CARCINOMA	METASTATIC
		SCHWANNOMA	MALIGNANT, METASTATIC

Tissue Comment: TGL 9-5, TGL 10-5

[ALVEOLAR/BRONCHIOLAR CARCINOMA TGLS = TGL9-5, Gross Finding = LUNG; RIGHT; NODULE; CAUDAL, WHITE; TGL9, 2]

[HEPATOCELLULAR CARCINOMA TGLS = TGL10-5, Gross Finding = LUNG; RIGHT; NODULE; CAUDAL, WHITE; TGL10, 2]

MAMMARY GLAND		NO CORRESPONDING LESION	

[NO CORRESPONDING LESION TGLS = TGL 7-16, Gross Finding = MAMMARY GLAND; ABDOMINAL; CYST; CLEAR; TGL7]

NOSE	RESPIRATORY EPITHELIUM	INFLAMMATION	SUPPURATIVE, MINIMAL
SKIN		SCHWANNOMA	MALIGNANT

Tissue Comment: TGL 1-15, TGL 1-19

ANIMAL ID: 362R	**TRT#:** 4	**DOSE:** 400 ppm	**SEX:** Female	**REMOVAL DAY:** SD722
	SELECTION: Core Animals		**DISP:** Found Dead	**HISTO:** 1700527

[SCHWANNOMA TGLS = TGL1-15, Gross Finding = MAMMARY GLAND; LEFT, AXILLARY; MASS; TAN; TGL1]

SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MARKED

[EXTRAMEDULLARY HEMATOPOIESIS TGLS = TGL 8-17, Gross Finding = SPLEEN; NODULE; TAN; TGL8]

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

CONTRIBUTORY CAUSE OF DEATH - LIVER; HEPATOCELLULAR CARCINOMA; MULTIPLE

ANIMAL ID: 316	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD92
			DISP: Accidental Death	**HISTO:** 1700481

HISTOPATH TISSUE STATUS

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: A/c Bilaterally, the pinnae and dorsal head, neck and back skin are missing

ANIMAL ID: 328	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD92
			DISP: Accidental Death	**HISTO:** 1700493

HISTOPATH TISSUE STATUS

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Right ear pinnae, top of head and skin over dorsal thoracic region are missing

ANIMAL ID: 336	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD92
			DISP: Accidental Death	**HISTO:** 1700501

HISTOPATH TISSUE STATUS

PRIMARY CAUSE OF DEATH	- UNDETERMINED

Animal Note: skin, rib cage, cervical spinal cord partially cannibalized

ANIMAL ID: 339	**TRT#:** 3	**DOSE:** 200 ppm	**SEX:** Female	**REMOVAL DAY:** SD92
			DISP: Accidental Death	**HISTO:** 1700504

HISTOPATH TISSUE STATUS

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Skin of the top of the head and right ear pinnae are missing.

LEGEND

SD – Study Day

** END OF REPORT **