

# **EXHIBIT 1**

## **Part 13 of 14**

77-193

HISTOPATHOLOGIC EVALUATION

TISSUE: OBSERVATION

✓ = W.H.L.

ADRENALS	✓	
AORTA	—	
BLADDER	✓	
BONE	✓	
BRAIN	✓	
CAECUM	✓	
COLON	✓	
DUODENUM	✓	
ESOPHAGUS	✓	
EYE	✓	
GALL BLADDER	—	
GOVADS	+	moderate testicular degeneration, bilateral
HEART	✓	poor section
ILEUM	—	
JEJUNUM	—	
KIDNEYS	✓	
LIVER	✓	
LUNG	+	mild congestion
LYMPH NODE	—	
MES. NODE	+	trace histiocytosis, sinus
MUSCLE	✓	
OPTIC NERVE	—	
PANCREAS	✓	
PERIPHERAL NERVE	✓	
PITUITARY	✓	
PROSTATE	✓	
SALIVARY GLAND	✓	
SEMINAL VESICLE	✓	
SKIN	✓	small section
SPINAL CORD	✓	
SPLEEN	+	mild extramedullary hematopoiesis
STERNUM	+	100% cellularity M/F ratio ≈ 1/1
STOMACH	✓	
TRACHEA	✓	
THYMUS	✓	
THYROID	—	
TONGUE	—	
UTERUS	—	

HMR 935432

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HISTORY AND CLINICAL SUMMARY

ID #	Date _____	<input checked="" type="checkbox"/> Euthanized _____
Acct. #	Found dead _____ am pm <u>1 1</u>	
User	Last observed _____ am pm <u>1 1</u>	

D.N.A.

CLINICAL DIAGNOSIS:

Clinician \_\_\_\_\_

-5-

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Identification #

AM670222067

AM-ITC 01006734

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CONTINUATION PAGE

History  Necropsy  Histopath  Comments

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History  Necropsy  Histopath  Comments

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**HMR 935434**

1 ♂ REC'D 9-8-77 at 8/100 wks  
EXPERIMENTAL F ~~EE~~ TO BLEED  
EPO INJECTION EPO of SPG Pooled I 622-77 UN-2

10/3/77	bleed 25u/0.3ml	11/11/77	25u/0.3ml
11/2/77	25u/0.3ml	11/13/77	25u/0.3ml
11/4/77	25u/0.3ml	11/16/77	25u/0.3ml
11/6/77	25u/0.3ml	11/18/77	25u/0.3ml
11/8/77	25u/0.3ml	11/21/77	25u/0.3ml

CNC  
E.Y. 11/21/77

Acc. # 77-793

HMR 935435

Comparative Pathology Report Form  
A. J. CARLSON ANIMAL RESEARCH FACILITY  
University of Chicago

ID # <u>0508 90977007944</u>	MODE: C D E F M N P Q <input checked="" type="radio"/> R S T	ACC. NO. <u>77-794</u>
Acct # <u>3800C163C116</u>	AGE: NB I YA AD <u>EMe</u>	
User <u>GREGG</u>	SEX: M <input checked="" type="radio"/> F C S U H	
	ROOM: <u>FMI</u>	<u>Hemato G</u>

Supporting Studies:	Specimen:	Copy to CM _____
<input type="checkbox"/> Micro <input type="checkbox"/> Photo	<input type="checkbox"/> Live Animal	Copy to user _____
<input type="checkbox"/> Paras <input type="checkbox"/> EM	<input checked="" type="checkbox"/> Carcass	Phoned _____
<input checked="" type="checkbox"/> Hemat <input type="checkbox"/> U/A	<input type="checkbox"/> Fresh Tiss.	Indexed _____
<input type="checkbox"/> Sp St <input checked="" type="checkbox"/> Chem	<input type="checkbox"/> Fixed Tiss.	

PRELIMINARY DIAGNOSIS:

COMMENTS:

*James J. Apple, D.V.M.*  
 \_\_\_\_\_  
 Prosector Date

FINAL DIAGNOSIS:

HMR 935436

*Ward R. Richter 3-3-78*  
 \_\_\_\_\_

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LAB REPORTS

TISSUE LIST		DICTATION GUIDE
<input checked="" type="checkbox"/>	adipose	<u>EXTERNAL APPEARANCE:</u> hair, eyes, skin, nodes, extremities, rigidity, lividity, scalp, nares, perineum
<input checked="" type="checkbox"/>	adrenal	
<input checked="" type="checkbox"/>	aorta	<u>PERITONEAL CAVITY:</u> fat, fluid, adhesions, position of organs, hernias <u>PLEURAL CAVITIES &amp; MEDIASTINUM:</u> fluid, lung expansion, widening of med.
<input checked="" type="checkbox"/>	bladder	
<input checked="" type="checkbox"/>	bone	<u>HEART &amp; VESSELS:</u> size, fat, color; smoothness of endo & epicardium, chambers, cordae tend., pap. mus., hemorrhages, thrombi, valves, thickenings, coronary arteries
<input checked="" type="checkbox"/>	brain	
<input checked="" type="checkbox"/>	caecum	<u>RESPIRATORY TRACT:</u> nasal cav., sinuses, larynx, trachea, lung consist., crepitation, pleural surfaces, cut surfaces
<input checked="" type="checkbox"/>	colon	
<input checked="" type="checkbox"/>	diaphragm	<u>ALIMENTARY TRACT:</u> oral cav., sal. glands, pharynx, esophagus, stomach, intestine, colon, anus, contents, serosa, mucosa, scars, Peyer's patches, mesenteric surface, vessels, nodes
<input checked="" type="checkbox"/>	duodenum	
<input checked="" type="checkbox"/>	esophagus	<u>LIVER:</u> size, shape, color, surface, consistency, veins, arteries <u>BILIARY SYSTEM:</u> patency, size, contents, serosa, mucosa, wall, color
<input checked="" type="checkbox"/>	eye	
<input checked="" type="checkbox"/>	ear (mid)	<u>PANCREAS:</u> weight, color, consistency <u>URINARY TRACT:</u> kidney--shape, wt., surface, size of cortex, contents of pelvis, arteries, veins, fat; bladder, urethra & ureter--contents, mucosa, serosa, patency
<input checked="" type="checkbox"/>	gall bladder	
<input checked="" type="checkbox"/>	gonad	<u>GENERATIVE ORGANS:</u> prostate, semin. ves., testes, epididymes, vagina, uterus, fall. tubes, ovaries--size, shape, surface, content
<input checked="" type="checkbox"/>	heart	
<input checked="" type="checkbox"/>	ileum	<u>SPLEEN:</u> size, color, consistency, cut surface, shape <u>LYMPH NODES:</u> superficial, mediastinal, periaortic, portal pelvic, mesenteric; <u>TONSILS, THYMUS:</u> size, color, consistency
<input checked="" type="checkbox"/>	jejunum	
<input checked="" type="checkbox"/>	kidney(s)	<u>BONE MARROW:</u> ribs, vertebra, sternum; color, consistency <u>ENDOCRINE GLANDS:</u> pituitary, thyroid, parathy., adrenals; symmetry, size, color, nodules
<input checked="" type="checkbox"/>	larynx	
<input checked="" type="checkbox"/>	liver	<u>BONES, JOINTS, SYNOVIA:</u> shape, size, contents <u>SKELETAL MUSCLES:</u> symmetry, color, fibrosis, measure if a/hypertrophic
<input checked="" type="checkbox"/>	lung	
<input checked="" type="checkbox"/>	lymph node	<u>HEAD:</u> scalp, galea, calvarium <u>BRAIN:</u> CSF, color, consistency, dura, vessels <u>SPINAL CORD:</u> dura, contents of space
<input checked="" type="checkbox"/>	mammary gland	
<input checked="" type="checkbox"/>	med. l. node	<u>SPECIAL GROSS OBSERVATIONS:</u> speculations, deduced conclusions
<input checked="" type="checkbox"/>	mes. l. node	
<input checked="" type="checkbox"/>	muscle	<u>LABORATORY DETERMINATIONS:</u> <u>MICROBIOLOGY:</u> blood, organs, exudate, pul. nodes, CSF, stool, urine <u>PARASITOLOGY:</u> fecal flotation <u>SEROLOGY:</u> <u>VIROLOGY:</u>
<input checked="" type="checkbox"/>	pancreas	
<input checked="" type="checkbox"/>	parathyroid	<u>HISTOLOGIC ADJECTIVES:</u> mild, moderate, severe, generalized, diffuse, focal, multifocal
<input checked="" type="checkbox"/>	pituitary	
<input checked="" type="checkbox"/>	prostate	<i>lungs, bowel, bladder perfused.</i>
<input checked="" type="checkbox"/>	saliv. gland	
<input checked="" type="checkbox"/>	sciatic n.	
<input checked="" type="checkbox"/>	semin. ves.	
<input checked="" type="checkbox"/>	skin	
<input checked="" type="checkbox"/>	spinal cord	
<input checked="" type="checkbox"/>	spleen	
<input checked="" type="checkbox"/>	stomach	
<input checked="" type="checkbox"/>	trachea	
<input checked="" type="checkbox"/>	thymus	
<input checked="" type="checkbox"/>	thyroid	
<input checked="" type="checkbox"/>	tongue	
<input checked="" type="checkbox"/>	tonsils	
<input checked="" type="checkbox"/>	ureters	
<input checked="" type="checkbox"/>	urethra	
<input checked="" type="checkbox"/>	uterus	
<input checked="" type="checkbox"/>	vagina	
<input checked="" type="checkbox"/>	PK	

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NECROPSY REPORT

Post mortem interval: 4.5 to 5.0 hrs ♀ Weight: 111 (g) kg

ORGAN: OBSERVATION

ORGAN	OBSERVATION
✓ - W.N.L.	
ADRENALS	✓ L. 0.0002g, R. 0.0001g
AORTA	✓
BLADDER	✓
BONE	✓
BRAIN	✓ 0.8590g
CAECUM	✓
CECUM	✓
DUODENUM	✓
ESOPHAGUS	✓
EYE	✓
GALL BLADDER	✓
GONADS	✓ too small and fat to weigh
HEART	✓ 0.5055g
ILEUM	✓
JEJUNUM	✓
KIDNEYS	✓ L. 0.3945g, R. 0.4146g
LIVER	✓ 4.60g
LUNGS	✓ 1.3237g
LYMPH NODE	✓
MES. NODE	✓
MUSCLE	✓
OPTIC NERVE	✓
PANCREAS	✓
PERIPHERAL NERVE	✓
PITUITARY	✓ too small to weigh
PROSTATE	—
SALIVARY GLAND	✓
SEMINAL VESICLE	—
SKIN	✓
SPINAL CORD	✓
SPLEEN	✓ 0.1622g
STERNUM	✓
STOMACH	✓
TRACHEA	✓
THYMUS	✓
THYROID	✓
TONGUE	—
UTERUS	+

Marked congestion of uterine vessels.

Free blood in pleural and pericardial spaces.

HMR 935438



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HISTOPATHOLOGIC EVALUATION

TISSUE: OBSERVATION

✓ = W.N.L

ADRENALS	✓
AORTA	—
BLADDER	✓
BONE	✓
BRAIN	✓
CAECUM	✓
CULPS	✓
DUODENUM	+ mild chronic enteritis
ESOPHAGUS	✓
EYE	✓ fragmented section
GALL BLADDER	—
GONADS	✓ one examined
HEART	✓
ILEUM	—
JEJUNUM	—
KIDNEYS	✓
LIVER	+ mild congestion
LUNG	✓
LYMPH NODE	—
MES. NODE	✓
MUSCLE	✓
OPTIC NERVE	—
PANCREAS	✓
PERIPHERAL NERVE	—
PITUITARY	—
PROSTATE	—
SALIVARY GLAND	✓
SEMI. AL VESICLE	—
SKIN	✓ small section
SPINA. CORD	—
SPLEEN	✓
STERNUM	+ M/E ratio = 2/3
STOMACH	✓
TRACHEA	✓
THYROID	—
THYROID	✓
TONGUE	—
UTERUS	+ severe hemosiderosis parathyroid ✓ one normal -4-

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HISTORY AND CLINICAL SUMMARY

ID #	Date _____	<input checked="" type="checkbox"/> Euthanized _____
Acct. #	Found dead _____ am pm <u> / /</u>	_____
User	Last observed _____ am pm <u> / /</u>	_____

D. N. A.

CLINICAL DIAGNOSIS:

Clinician \_\_\_\_\_

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CONTINUATION PAGE

History  Necropsy  Histopath  Comments

History  Necropsy  Histopath  Comments

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