

EXHIBIT 1

Part 11 of 14

LAB REPORTS

77-791

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

HMR 935412

77-791

NECROPSY REPORT

Post mortem interval: 60 to 80 Min ♂

Weight: 144 (g) kg

ORGAN: OBSERVATION

✓ = W.N.L.		
ADRENALS	✓	L. 0.0003g, R. 0.0002g
AORTA	✓	
BLADDER	✓	
BOWEL	✓	
BRAIN	✓	0.8590g
BREAST	✓	
DIAPHRAGM	✓	
ESOPHAGUS	✓	
HEART	✓	R. 0.1722g, L. 0.1722g
KIDNEY	✓	0.5055g
LIVER	✓	L. 0.3743g, R. 0.3540g
LUNG	+	6.5643g
LYMPH	+	1.2631g
MUSCLES	✓	
NERVE	✓	
OVARY	✓	
PANCREAS	✓	
PERICARDIUM	✓	
PROSTATE	✓	too small to weigh
RECTUM	✓	
SEMI-CIRCULAR	✓	
SKIN	✓	
SPINAL CORD	✓	
SPLEEN	✓	0.0914g
STOMACH	✓	
TRACHEA	✓	
THYMUS	✓	
THYROID	✓	
TONGUE	✓	
UTERUS	---	

Liver enlarged and extends 3 cm beyond sternum at midline.

Lung 1/2 cm x 1/2 cm dark spot at the apex of left diaphragmatic lobe.

Thoracic cavity much free blood, clot found free in thoracic cavity.

HMR 935413

77-791

HISTOPATHOLOGIC EVALUATION

TISSUE:	OBSERVATION
	✓ = W. N. L.
ADRENALS	+ congestion, trace
AORTA	-
BLADDER	✓
BONE	✓
BRAIN	✓
COLON	✓ section fragmented
ESOPHAGUS	✓
HEART	✓
INT. ORG.	✓ shattered sections, lens present
INTESTINE	✓ autolysis
TESTIS	+ mild testicular degeneration, bilateral
UTERUS	✓
VAGINA	-
BLADDER	-
KIDNEYS	✓
LIVER	✓
LUNG	+ mild multifocal pulmonary adenomatosis
LYMPH NODE	✓
MES. INT.	+ mild lymphoid hyperplasia
MURDER	✓
OSTEOCHONDR	✓ one examined
PANCREAS	✓
PERITONEAL PERITONE	✓
PROSTATE	✓
SPLEEN	✓
STOMACH	✓
TESTIS	✓
THYROID	✓
TRACHEA	✓
THYROID	✓
TRACHEA	-
UTERUS	-
diaphragm	+ mild chronic myositis

HMR 935414

cont'd p. 6

77791

HISTORY AND CLINICAL SUMMARY

ID # _____ Date _____ Euthanized _____

Acct. # _____ Found dead _____ am pm 11 _____

User _____ Last observed _____ am pm 11 _____

D.N.A.

CLINICAL DIAGNOSIS:

Clinician

HMR 935415

AM670222049

AM-ITC 01006716

77-791

CONTINUATION PAGE

History Necropsy Histopath Comments

History Necropsy Histopath Comments

HMR 935416

PROJECT LOGBOOK

C 23249

Subject Ben-Hayon, Y. (Clinical Chemistry Determination) Date 11/22/77 & 11/23/77
for 5th instance for Dr. Yigal Alshuler Signature Gregory Lurie

Page **35**

		A*	B	C	D*	E	F	G	H	
HEMATOLOGY	Treatment Date	A(BH/11-16)								
	Day in Study	I(BH/17-19)								
	HCT (%)	II(H/20-23)	46	44	52	50	65	68	65	
	HGB (G %)	R(H/24-27)	16.2	15.6	18.2	17.2	21.2	22.7	22.7	
	RBC (10 ⁹ /CUMM)	R(H/28-31)	9.20	9.23	9.11	7.26	9.89	9.53	9.54	
	WBC (10 ³ /CUMM)	R(H/32-35)	7.1	6.6	9.4	8.0	17.2	19.0	19.7	
	RET (% RBC)	R(H/36-39)	1.3	1.0	0.6	1.5	2.3	2.9	4.1	
	Platelets (10 ³ /CUMM)	II(H/40-43)								
	DIF. %	Neut. I	II(H/44-45)	0	0	0	0	0	0	0
		Neut. M	II(H/46-47)	33	12	9	16	9	19	17
		Lympho.	II(H/48-49)	94	66	65	75	88	60	76
		Eosino.	II(H/50-51)	3	2	3	5	0	0	2
		Baso.	II(H/52-53)	0	0	0	0	0	0	0
		Mono.	II(H/54-55)	1	0	3	4	3	1	2
Cells Observed (# 100)		II(H/56-58)	N2	N2	N2	N2	N2	N2	N2	
NRBC/100 WBC		II(H/59-60)	0	2	0	0	0	1	0	
BLOOD CHEMISTRY	BUN (MG %)	II(B1/20-23)	25	34	25	22	28	37	36	
	BS (MG %)	II(B1/24-27)								
	BSP (% RET/15 MIN)	II(B1/28-31)								
	AP (I.U.)	II(B1/32-35)	37	58	65	57	49	24	36	
	SGOT (I.U.)	II(B1/36-39)	36	30	38	52	35	51	87	
	SGPT (I.U.)	II(B1/40-43)	27	26	27	39	30	30	41	
	PT (SEC)	R(B1/44-47)								
	Creatinine (MG %)	R(B1/48-51)								
	Bilirubin T	R(B1/52-55)								
	(MG %) D	R(B1/56-59)								
	Na (MEQ/L)	II(B1/60-63)								
	K (MEQ/L)	R(B1/64-67)								
	Ca (MEQ/L)	R(B1/68-71)								
	Cl (MEQ/L)	R(B1/72-75)								
Mg (MEQ/L)	R(B1/76-79)									
Sequence within day	II(B1/80)									
Weight (KG)	R(H/61-65)									
Sequence within day	II(H/75)									
Temperature	R(H/76-80)									

X - denotes duplicately run sample
 * - denotes slightly clotted sample

HMR 935417

Read and Understood by me

Signature

D. Y. L.

Date

11/22/77

1 ♂ HAMSTER S/rocks
REC'D
Control d 9/8/77
TO BLEED
E.Y.

Acc. # 77-791

HMR 935418

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

ID #	90977007926	MODE: C D E F M N P Q <u>®</u> S T	ACC. NO. 77-79
Acc#	0001630116	AGE: NB I YA AD <u>6M</u>	
User		SEX: M <u>®</u> C S U H	
		ROOM: <u>FMI</u>	<u>Hansen E</u>

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

PRELIMINARY DIAGNOSIS:

COMMENTS:

James J. P. O.M.
 Prosector _____ Date _____

FINAL DIAGNOSIS:

HMR 935419

Ward R. Richter 3-3-78
 Pathologist _____

77-792

LAB REPORTS

TISSUE LIST		DICTATION GUIDE
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✓	bladder	<u>PLEURAL CAVITIES & MEDIASTINUM:</u> fluid, lung expansion, widening of med.
✓	bone	<u>HEART & VESSELS:</u> size, fat, color, smoothness of endo & epicardium, chambers, cordae tend., pap. mus., hemorrhages, thrombi, valves, thickenings, coronary arteries
✓	brain	<u>RESPIRATORY TRACT:</u> nasal cav., sinuses, larynx, trachea, lung consist., crepitation, pleural surfaces, cut surfaces
✓	caecum	
✓	colon	<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
✓	diaphragm	<u>LIVER:</u> size, shape, color, surface, consistency, veins, arteries
✓	duodenum	
✓	esophagus	<u>BILIARY SYSTEM:</u> patency, size, contents, serosa, mucosa, wall, color
✓	eye	<u>PANCREAS:</u> weight, color, consistency
✓	ear (mid)	<u>URINARY TRACT:</u> kidney--shape, wt., surface, size of cortex, contents of pelvis, arteries, veins, fat; bladder, urethra & ureter--contents, mucosa, serosa, patency
✓	gall bladder	<u>GENERATIVE ORGANS:</u> prostate, semin. ves., testes, epididymes, vagina, uterus, fall. tubes, ovaries--size, shape, surface, content
✓	gonad	<u>SPLEEN:</u> size, color, consistency, cut surface, shape
✓	heart	<u>LYMPH NODES:</u> superficial, mediastinal, periaortic, portal pelvic, mesenteric; <u>TONSILS, THYMUS:</u> size, color, consistency
✓	ileum	<u>BONE MARROW:</u> ribs, vertebra, sternum; color, consistency
✓	jejunum	<u>ENDOCRINE GLANDS:</u> pituitary, thyroid, parathy., adrenals; symmetry, size, color, nodules
✓	kidney(s)	<u>BONES, JOINTS, SYNOVIA:</u> shape, size, contents
✓	larynx	<u>SKELETAL MUSCLES:</u> symmetry, color, fibrosis, measure if a/hypertrophic
✓	liver	<u>HEAD:</u> scalp, galea, calvarium
✓	lung	<u>BRAIN:</u> CSF, color, consistency, dura, vessels
✓	lymph node	<u>SPINAL CORD:</u> dura, contents of space
✓	mammary gland	<u>SPECIAL GROSS OBSERVATIONS:</u> speculations, deduced conclusions
✓	med. l. node	
✓	mes. l. node	<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>
✓	muscle	
✓	pancreas	<u>HISTOLOGIC ADJECTIVES:</u> mild, moderate, severe, generalized, diffuse, focal, multifocal
✓	parathyroid	
✓	pituitary	
✓	prostate	
✓	saliv. gland	
✓	sciatic n.	
✓	semin. ves.	
✓	skin	
✓	spinal cord	
✓	spleen	
✓	stomach	
✓	trachea	
✓	thymus	
✓	thyroid	
✓	tongue	
✓	tonsils	
✓	ureters	
✓	urethra	
✓	uterus	
✓	vagina	

HMR 935420

77-792

NECROPSY REPORT

Post mortem interval: _____ to 3 hrs ♀ Weight: 100.0 (g) kg

ORGAN: OBSERVATION

✓ = W. R. L.

ADRENALS	✓	R. 0.000g, L. 0.000g
AORTA	✓	
BLADDER	✓	
BONE	✓	
BRAIN	✓	0.8312g
CACUM	✓	
COLON	✓	
DUODENUM	✓	
ESOPHAGUS	✓	
EYE	✓	
GALL BLADDER	✓	
GONADS	✓	too small and fat to weigh
HEART	✓	0.5360g
ILEUM	✓	
JUNGLES	✓	
KIDNEYS	✓	R. 0.3136g, L. 0.3338g
LIVER	+	3.350g
LUNG	+	1.2025g
LYMPH NODE	✓	
MES. NODE	✓	
MUSCLE	✓	
OPTIC NERVE	✓	
PANCREAS	✓	
PERIPHERAL NERVE	✓	
? PITUITARY	✓	too small to weigh
PROSTATE	—	
SALIVARY GLAND	✓	
SEMINAL VESICLE	—	
SKIN	✓	
SPINAL CORD	✓	
SPLEEN	✓	0.0915g
STERNUM	✓	
STOMACH	✓	
TRACHEA	✓	
THYMUS	✓	
THYROID	✓	
TONGUE	✓	
UTERUS	✓	

Liver, slightly mottled
Lungs: trace of free blood in the pleural cavity

HMR 935421