

# Appendix 11

## Pathology report



DATE: September 23, 2005  
TO: Dr. Fred Beland  
FROM: Lisa Wiley  
SUBJECT: 2150.02 Pathology Report

*The final Pathology Report for the E2150.02 Genotoxicity and Carcinogenicity of Acrylamide and its Metabolite Glycidamide in Rodents range finding study in mice, 2150.02, was submitted to NCTR QAS on September 23, 2005 for review. Attached is a copy of this report.*

*Please sign below indicating receipt of this report.*

Dr. Fred Beland

Date

*September 2005*

**GENOTOXICITY AND CARCINOGENICITY OF ACRYLAMIDE AND ITS  
METABOLITE GLYCIDAMIDE IN RODENTS**

**RANGE FINDING STUDY IN MICE**

**NCTR PROTOCOL NUMBER E 2150.02**

**PATHOLOGY REPORT**

**PREPARED  
BY**

**TOXICOLOGIC PATHOLOGY ASSOCIATES  
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**FOR**

**NATIONAL CENTER FOR TOXICOLOGICAL RESEARCH  
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**September 23, 2005**

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## Genotoxicity and Carcinogenicity of Acrylamide and its Metabolite Glycidamide in Rodents

### Range Finding Study in Mice Protocol 2150.02

#### INTRODUCTION

This report by Toxicologic Pathology Associates for the National Center for Toxicological Research, Jefferson, Arkansas 72079, presents the results of pathology support for the range finding study in male and female B6C3F1 mice administered acrylamide or its metabolite, glycidamide in the drinking water and acrylamide in feed according to protocol E 2150.02.

#### EXPERIMENTAL DESIGN AND METHODS

Experiment 2150.02 was the range finding study to determine the toxic responses of B6C3F1 mice to different concentrations of acrylamide or glycidamide in drinking water and acrylamide in feed. The number of animals used and their allocation to their respective dose groups are shown in Table 1:

**Table 1 – Study Design**

Experimental design for the range finding study with acrylamide and glycidamide.

Concentration of acrylamide in water (mM)	Approximate daily intake (mg/kg) <sup>a</sup>	Number of male B6C3F1 mice	Number of female B6C3F1 mice
0	0	4	4
0.14	1	4	4
0.35	2.5	4	4
0.70	5	4	4
1.41	10	4	4
3.52	25	4	4
7.03	50	4	4
Total number of animals		28	28

**Table 1 – Study Design –(Continued)**

Concentration of glycidamide in water (mM)	Approximate daily intake (mg/kg) <sup>a</sup>	Number of male B6C3F1 mice	Number of female B6C3F1 mice
0	0	4	4
0.14	1	4	4
0.35	2.5	4	4
0.70	5	3 <sup>b</sup>	4
1.41	10	4	4
3.52	25	4	4
7.03	50	4	4
Total number of animals		27	28

Concentration of acrylamide in feed (mg/kg)	Approximate daily intake (mg/kg) <sup>a</sup>	Number of male B6C3F1 mice	Number of female B6C3F1 mice
0	0	4	4
7.4	1	4	4
18.5	2.5	4	4
37	5	4	4
74	10	4	4
185	25	4	4
370	50	4	4
Total number of animals		28	28

a – Based on an average body weight of 40 grams, an average daily drinking water intake and an average daily dietary intake of 5.4 grams as determined in E2120

b – One female mouse was mis-sexed as a male and was removed from the study.

Dosed animals were administered acrylamide or glycidamide in the drinking water or acrylamide in the feed. At study termination, surviving animals were euthanized by exposure to carbon dioxide and a complete necropsy was performed.

All protocol-specified tissues were examined grossly, removed, and preserved in 10% neutral buffered formalin. Lesion descriptions were recorded on the Individual Animal Necropsy Record (IANR). The protocol-designated tissues were trimmed, processed and embedded in paraffin plastic polymer, sectioned at approximately 5 microns, and stained with hematoxylin and eosin. When applicable, non-neoplastic lesions were graded for severity as 1 (minimal), 2 (mild), 3 (moderate), or 4 (marked).

## RESULTS AND DISCUSSION

### Mortality

The pathology results were based on the 83 male and 84 female mice allotted to the study. One female was mis-sexed as a male (animal 173 in the 0.70 mM glycidamide dosed water group) and was removed from the study. There were 8 early deaths. Four of 4 females and 4 of 4 males in the 7.03 mM acrylamide (approximate dose - 50 mg/kg) dosed water group died prior to scheduled terminal sacrifice. A cause of death was not determined for any of these mice.

### Gross Observations

All gross observations were recorded on the Individual Animal Necropsy Record (IANR). A microscopic finding was recorded with the corresponding gross observation when possible.

### Histopathology

No neoplastic findings were observed; therefore, Pathology Neoplastic Report 1 and 3 are not included in this report.

Non-neoplastic microscopic findings are summarized by treatment group and anatomic site in Pathology Report 2 and tabulated by individual animal in Pathology Report 4. These compilations are in Appendices I and II, respectively, of this report.

The protocol specified the following organs for microscopic examination: brain (cerebrum, cerebellum, brain stem), Harderian glands, heart, liver, lungs, pancreas, peripheral nerve (sciatic), ovaries, thyroid gland, parathyroid gland, skin, mammary glands, spinal cord (thoracic, lumbar, cervical), forestomach, glandular stomach, testes, and gross lesions. These organs were examined microscopically in all animals receiving all doses of the test article and in corresponding control animals.

### Neoplastic Findings

No neoplastic findings were observed in any of the 167 mice in this study.

### Non-neoplastic Findings

No non-neoplastic lesions were observed that were related to treatment with acrylamide or glycidamide in drinking water or acrylamide in the feed.

Several non-neoplastic findings were observed in a few mice in this study. These non-neoplastic lesions lacked incidence or severity correlation with experimental treatment

and were considered incidental findings. Many of the female mice lacked corpora lutea or other evidence of the normal estrus cycle in their ovaries. These findings indicate that these animals were probably prepuberal.

## SUMMARY

The results of this 14-day range finding study of acrylamide and glycidamide in drinking water and acrylamide in feed in B6C3F1 mice demonstrated no gross and microscopic lesions that were related to treatment.



Paul W. Mellick  
Paul W. Mellick DVM, PhD  
Diplomate, A.C.V.P.

Appendix I Non-neoplastic Morphologies By Anatomic Site (Pathology Report 2)

**Report Parameters**

Report Type            Non-Neoplastic Morphologies by Anatomic Site  
Agency                04  
Exp Test              0215002  
Removal Date Range   No Removal Date Range Selected  
Treatment Range     No Treatment Range Selected  
Treatment Exclusions

**Rem Reason Exclusions**

NON-NEOPLASTIC MORPHOLOGIES BY ANATOMIC SITE  
PATHOLOGY REPORT 02PAGE: 2  
DATE: 09/21/04  
TIME: 15:08:41.0

FEMALE Mice-C57BL/6N XC3H/HEN MTN-NCTR	7 CONTROL/ WATER	8 0.14 ACR F YL	9 0.35 ACR F YL	10 0.70 ACR F YL	11 1.41 ACR F YL	12 3.52 ACR F YL
<b>DISPOSITION SUMMARY</b>						
ANIMALS INITIALLY IN STUDY	4	4	4	4	4	4
SCHEDULED SACRIFICE	0	0	0	0	0	0
SURVIVORS						
TERMINAL SACRIFICE	4	4	4	4	4	4
ANIMALS EXAMINED MICROSCOPICALLY	4	4	4	4	4	4
<b>Genital System</b>						
Ovary	(4)	(4)	(4)	(4)	(4)	(4)
Cyst				1 (25%)		
Depletion, Corpus Luteum	2 (50%)	1 (25%)	1 (25%)	3 (75%)	1 (25%)	4 (100%)
<b>Respiratory System</b>						
Lung	(4)	(4)	(4)	(4)	(4)	(4)
Hemorrhage, Mild	1 (25%)			1 (25%)		

NON-NEOPLASTIC MORPHOLOGIES BY ANATOMIC SITE  
PATHOLOGY REPORT 02PAGE: 3  
DATE: 09/21/04  
TIME: 15:08:41.0

FEMALE Mice-C57Bl/6N XC3H/HEN MTN-NCTR	19 CONTROL/ WATER	20 0.14 CID	GLY F	21 0.35 CID	GLY F	22 0.70 CID	GLY F	23 1.41 CID	GLY F	24 3.52 CID	GLY F
----------------------------------------	----------------------	----------------	----------	----------------	----------	----------------	----------	----------------	----------	----------------	----------

## DISPOSITION SUMMARY

ANIMALS INITIALLY IN STUDY	4	4	4	4	4	4
SCHEDULED SACRIFICE	0	0	0	0	0	0
SURVIVORS						
TERMINAL SACRIFICE	4	4	4	4	4	4
ANIMALS EXAMINED MICROSCOPICALLY	4	4	4	4	4	4

## Alimentary System

Liver	(4)	(4)	(4)	(4)	(4)	(4)
Inflammation, Focal, Chronic Active, Minimal			1 (25%)			

## Genital System

Ovary	(4)	(4)	(4)	(4)	(4)	(4)
Cyst				1 (25%)		
Depletion, Corpus Luteum					1 (25%)	3 (75%)
Thrombosis, Marked					1 (25%)	

## Hematopoietic System

Spleen		(1)
Pigmentation, Minimal		1 (100%)

EXP/TEST: 02150-02

NON-NEOPLASTIC MORPHOLOGIES BY ANATOMIC SITE  
PATHOLOGY REPORT 02PAGE: 4  
DATE: 09/21/04  
TIME: 15:08:41.0

FEMALE Mice-C57Bl/6N XC3H/HEN MTN-NCTR	31 CONTROL NIH31C F	32 7.4 MEAL ACRYL F	33 18.5MEAL ACRYL F	34 37 MEAL ACRYL F	35 74 MEAL ACRYL F	36 185 MEAL ACRYL F
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## DISPOSITION SUMMARY

ANIMALS INITIALLY IN STUDY	4	4	4	4	4	4
SCHEDULED SACRIFICE	0	0	0	0	0	0
SURVIVORS						
TERMINAL SACRIFICE	4	4	4	4	4	4
ANIMALS EXAMINED MICROSCOPICALLY	4	4	4	4	4	4

## Alimentary System

Liver	(4)	(4)	(4)	(4)	(4)	(4)
Inflammation, Focal, Chronic Active, Minimal	1 (25%)	1 (25%)				

## Respiratory System

Lung	(4)	(4)	(4)	(4)	(4)	(4)
Inflammation, Minimal, Perivascular						1 (25%)

EXP/TEST: 02150-02

NON-NEOPLASTIC MORPHOLOGIES BY ANATOMIC SITE  
PATHOLOGY REPORT 02

PAGE: 5  
DATE: 09/21/04  
TIME: 15:08:41.1

FEMALE Mice-C57BL/6N XC3H/HEN MTN-NCTR 38 7.03 ACR 40 7.03 GLY 42 370 MEAL  
YL F CID F ACRYL F

**DISPOSITION SUMMARY**

ANIMALS INITIALLY IN STUDY	4	4	4
SCHEDULED SACRIFICE	0	0	0
EARLY DEATHS			
Moribund	4	0	0
SURVIVORS			
TERMINAL SACRIFICE	0	4	4
ANIMALS EXAMINED MICROSCOPICALLY	4	4	4

## Genital System

Ovary (4) (4) (4)  
 Depletion, Corpus Luteum 4 (100%) 4 (100%) 4 (100%)

EXP/TEST: 02150-02

NON-NEOPLASTIC MORPHOLOGIES BY ANATOMIC SITE  
PATHOLOGY REPORT 02PAGE: 6  
DATE: 09/21/04  
TIME: 15:08:41.1

MALE Mice-C57Bl/6N XC3H/HEN MTN-NCTR	1 CONTROL/ WATER	2 0.14	ACR	3 0.35	ACR	4 0.70	ACR	5 1.41	ACR	6 3.52	ACR
	M	YL	M	YL	M	YL	M	YL	M	YL	M

## DISPOSITION SUMMARY

ANIMALS INITIALLY IN STUDY	4	4	4	4	4	4
SCHEDULED SACRIFICE	0	0	0	0	0	0
SURVIVORS						
TERMINAL SACRIFICE	4	4	4	4	4	4
ANIMALS EXAMINED MICROSCOPICALLY	4	4	4	4	4	4

## Alimentary System

Liver	(4)	(4)	(4)	(4)	(4)	(4)
Inflammation, Focal, Chronic Active, Minimal	1 (25%)					

EXP/TEST: 02150-02

NON-NEOPLASTIC MORPHOLOGIES BY ANATOMIC SITE  
PATHOLOGY REPORT 02

PAGE: 7  
DATE: 09/21/04  
TIME: 15:08:41.1

MALE Mice-C57Bl/6N XC3H/HEN MTN-NCTR 13 CONTROL/ 14 0.14 GLY 15 0.35 GLY 16 0.70 GLY 17 1.41 GLY 18 3.52 GLY  
 WATER M CID M CID M CID M CID M CID M

**DISPOSITION SUMMARY**

ANIMALS INITIALLY IN STUDY	4	4	4	4	4	4
SCHEDULED SACRIFICE	0	0	0	0	0	0
SURVIVORS						
TERMINAL SACRIFICE	4	4	4	4	4	4
ANIMALS EXAMINED MICROSCOPICALLY	4	4	4	3	4	4

## Respiratory System

Lung Hemorrhage, Mild (4) (4) (4) (3) (4) (4)  
1 (25%)

EXP/TEST: 02150-02

NON-NEOPLASTIC MORPHOLOGIES BY ANATOMIC SITE  
PATHOLOGY REPORT 02PAGE: 8  
DATE: 09/21/04  
TIME: 15:08:41.1

MALE Mice-C57BL/6N XC3H/HEN MTN-NCTR	25 CONTROL NIH31C M	26 7.4 MEAL ACRYL M	27 18.5MEAL ACRYL M	28 37 MEAL ACRYL M	29 74 MEAL ACRYL M	30 185 MEAL ACRYL M
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## DISPOSITION SUMMARY

ANIMALS INITIALLY IN STUDY	4	4	4	4	4	4
SCHEDULED SACRIFICE	0	0	0	0	0	0
SURVIVORS						
TERMINAL SACRIFICE	4	4	4	4	4	4
ANIMALS EXAMINED MICROSCOPICALLY	4	4	4	4	4	4

## Integumentary System

Skin	(4)	(4)	(4)	(4)	(4)	(4)
Hyperplasia, Mild, Epidermis				1 (25%)		

## Respiratory System

Lung	(4)	(4)	(4)	(4)	(4)	(4)
Hemorrhage, Mild				1 (25%)		

EXP/TEST: 02150-02

NON-NEOPLASTIC MORPHOLOGIES BY ANATOMIC SITE  
PATHOLOGY REPORT 02PAGE: 9  
DATE: 09/21/04  
TIME: 15:08:41.1

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MALE Mice-C57Bl/6N XC3H/HEN MTN-NCTR	37 YL	7.03 ACR	39 CID	7.03 GLY	41 M	370 MEAL
		M		M		ACRYL M

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## DISPOSITION SUMMARY

ANIMALS INITIALLY IN STUDY	4	4	4
SCHEDULED SACRIFICE	0	0	0
EARLY DEATHS			
Moribund	4	0	0
SURVIVORS			
TERMINAL SACRIFICE	0	4	4
ANIMALS EXAMINED MICROSCOPICALLY	4	4	4

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## Alimentary System

Stomach, Forestomach	(4)	(4)	(4)
Hyperplasia, Mild	1	(25%)	

Appendix II Individual Animal Non-Tumor Pathology Table (Pathology Report 4)

**Report Parameters**

Report Type            Individual Animal Non-Tumor Pathology Table  
Agency                04  
Exp Test              0215002  
Removal Date Range   No Removal Date Range Selected  
Treatment Range     No Treatment Range Selected  
Treatment Exclusions

**Rem Reason Exclusions**

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 1  
DATE: 09/21/2004  
TIME: 15:09:14.9

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	I	V
FEMALE	CARCASS ID	1	1	1	S	E
CONTROL/WATER	F	4	4	4	S	R
		4	4	4	U	V
		1	2	3	E	E
		1	2	3	S	D
		1	2	3	Y	
<b>Alimentary System</b>						
Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	
<b>Cardiovascular System</b>						
Heart	+	+	+	+	4	
<b>Endocrine System</b>						
Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	M	M	M	1	
Thyroid Gland	+	+	+	+	4	
<b>Genital System</b>						
Ovary	+	+	+	+	4	
Depletion, Corpus Luteum	X	X			2	
<b>Integumentary System</b>						
Mammary Gland	+	+	+	+	4	
Skin	+	+	+	+	4	
<b>Nervous System</b>						
Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+: TISSUE EXAMINED MICROSCOPICALLY  
X: LESION PRESENT BUT NOT QUALIFIED  
I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 2  
DATE: 09/21/2004  
TIME: 15:09:14.9

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	
FEMALE	CARCASS ID	0  0  0  0
		1  1  1  1
		4  4  4  4
CONTROL/WATER	F 7	1  2  3  4

## Respiratory System

Lung	+ + + +	4	
Hemorrhage	2	1	2.0

## Special Senses System

Harderian Gland	+ + + +	4	
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+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 3  
DATE: 09/21/2004  
TIME: 15:09:14.9

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	S	E
FEMALE	0	0	0	0	S	R
CARCASS ID	8	8	8	8	U	V
0.14 ACRYL F 8	1	2	3	4	E	T
					S	D
Alimentary System						
Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	
Cardiovascular System						
Heart	+	+	+	+	4	
Endocrine System						
Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	+	+	M	3	
Thyroid Gland	+	+	+	+	4	
Genital System						
Ovary	+	+	+	+	4	
Depletion, Corpus Luteum			X		1	
Integumentary System						
Mammary Gland	+	+	+	+	4	
Skin	+	+	+	+	4	
Nervous System						
Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+ : TISSUE EXAMINED MICROSCOPICALLY

X : LESION PRESENT BUT NOT QUALIFIED

I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:

1) MINIMAL 3) MODERATE

2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 4  
DATE: 09/21/2004  
TIME: 15:09:14.9

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	O	S			
FEMALE	CARCASS ID	0  0  0  0	T	B	E	
		8  8  8  8	I	S	V	
0.14 ACRYL	F	8	1  2  3  4	S	E	E
				S	R	R
				U	V	I
				E	E	T
				S	D	Y

## Respiratory System

Lung	+ + + +	4
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## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 5  
DATE: 09/21/2004  
TIME: 15:09:14.9

DAYS ON TEST	0  0  0  0	O	S	
	0  0  0  0	T	B	
	1  1  1  1	I	S	
	4  4  4  4	S	E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	R	E	
FEMALE	CARCASS ID	0  0  0  0	U	R
		9  9  9  9	V	I
0.35 ACRYL F 9		1  2  3  4	E	T
			S	D
			Y	
<b>Alimentary System</b>				
Liver	+  +  +  +	4		
Pancreas	+  +  +  +	4		
Stomach, Forestomach	+  +  +  +	4		
Stomach, Glandular	+  +  +  +	4		
<b>Cardiovascular System</b>				
Heart	+  +  +  +	4		
<b>Endocrine System</b>				
Islets, Pancreatic	+  +  +  +	4		
Parathyroid Gland	+  +  +  +	4		
Thyroid Gland	+  +  +  +	4		
<b>Genital System</b>				
Ovary	+  +  +  +	4		
Depletion, Corpus Luteum	X	1		
<b>Integumentary System</b>				
Mammary Gland	+  +  +  +	4		
Skin	+  +  +  +	4		
<b>Nervous System</b>				
Brain, Brain Stem	+  +  +  +	4		
Brain, Cerebellum	+  +  +  +	4		
Brain, Cerebrum	+  +  +  +	4		
Peripheral Nerve - Sciatic	+  +  +  +	4		
Spinal Cord - Cervical	+  +  +  +	4		
Spinal Cord - Lumbar	+  +  +  +	4		
Spinal Cord Thoracic	+  +  +  +	4		

+: TISSUE EXAMINED MICROSCOPICALLY  
 X: LESION PRESENT BUT NOT QUALIFIED  
 I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 6  
DATE: 09/21/2004  
TIME: 15:09:14.9

DAYS ON TEST	0  0  0  0	O	S	
	0  0  0  0	T	B	
	1  1  1  1	I	S	
	4  4  4  4	S	E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	S	E	
FEMALE	CARCASS ID	0  0  0  0	R	R
		9  9  9  9	U	V
0.35 ACRYL	F	1  2  3  4	E	T
			S	D
			Y	
<b>Respiratory System</b>				
Lung	+ + + +	4		
<b>Special Senses System</b>				
Harderian Gland	+ + + +	4		

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 7  
DATE: 09/21/2004  
TIME: 15:09:14.9

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0		
FEMALE	0	0	0	0		
CARCASS ID	1	1	1	1		
	0	0	0	0		
0.70 ACRYL F 10	1	2	3	4		
Alimentary System						
Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	
Cardiovascular System						
Heart	+	+	+	+	4	
Endocrine System						
Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	M	M	M	1	
Thyroid Gland	+	+	M	+	3	
Genital System						
Ovary	+	+	+	+	4	
Cyst	X				1	
Depletion, Corpus Luteum	X	X	X		3	
Integumentary System						
Mammary Gland	+	+	+	+	4	
Skin	+	+	+	+	4	
Nervous System						
Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+: TISSUE EXAMINED MICROSCOPICALLY  
 X: LESION PRESENT BUT NOT QUALIFIED  
 I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 8  
DATE: 09/21/2004  
TIME: 15:09:14.9

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0		
FEMALE	CARCASS ID	0  0  0  0	
0.70 ACRYL	F	10	1  1  1  1
			0  0  0  0
			1  2  3  4

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

## Respiratory System

Lung	+ + + +	4	
Hemorrhage		2	1 2.0

## Special Senses System

Harderian Gland	+ + + +	4	
-----------------	---------	---	--

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X- : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 9  
DATE: 09/21/2004  
TIME: 15:09:15.0

DAYS ON TEST	0	0	0	0
	0	0	0	0
	1	1	1	1
	4	4	4	4

O	S
T	B
I	S
S	E
S	R
U	V
E	E
S	D

Mice-C57Bl/6N XC3H/HEN MTN-NCTR

FEMALE CARCASS ID

1.41 ACRYL F 11

0	0	0	0
0	0	0	0
1	1	1	1
1	1	1	1

O	S
T	E
I	V
S	E
S	R
U	I
E	T
S	Y

## Alimentary System

Liver	+	+	+	+	4
Pancreas	+	+	+	+	4
Stomach, Forestomach	+	+	+	+	4
Stomach, Glandular	+	+	+	+	4

4
4
4
4

## Cardiovascular System

Heart	+	+	+	+	4
-------	---	---	---	---	---

4
---

## Endocrine System

Islets, Pancreatic	+	+	+	+	4
Parathyroid Gland	+	+	+	+	4
Thyroid Gland	+	+	+	+	4

4
4
4

## Genital System

Ovary	+	+	+	+	4
Depletion, Corpus Luteum			X		1

4
1

## Integumentary System

Mammary Gland	+	+	+	+	4
Skin	+	+	+	+	4

4
4

## Nervous System

Brain, Brain Stem	+	+	+	+	4
Brain, Cerebellum	+	+	+	+	4
Brain, Cerebrum	+	+	+	+	4
Peripheral Nerve - Sciatic	+	+	+	+	4
Spinal Cord - Cervical	+	+	+	+	4
Spinal Cord - Lumbar	+	+	+	+	4
Spinal Cord Thoracic	+	+	+	+	4

4
4
4
4
4
4
4

+ : TISSUE EXAMINED MICROSCOPICALLY

M : MISSING TISSUE

1-4 : LESION QUALIFIED AS:

X : LESION PRESENT BUT NOT QUALIFIED

A : AUTOLYSIS PRECLUDES EXAMINATION

1) MINIMAL 3) MODERATE

I : INSUFFICIENT TISSUE

BLANK : NOT EXAMINED

2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 10  
DATE: 09/21/2004  
TIME: 15:09:15.0

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S
T	B
I	S
S	E
S	R
U	V
E	E
S	D

Mice-C57BL/6N XC3H/HEN MTN-NCTR	0  0  0  0		
FEMALE	CARCASS ID	0  0  0  0	
		1  1  1  1	
1.41 ACRYL	F	11	1  1  1  1
			1  2  3  4

O	S
T	B
I	S
S	E
S	R
U	V
E	E
S	D

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
 PATHOLOGY REPORT 4

 PAGE: 11  
 DATE: 09/21/2004  
 TIME: 15:09:15.0

DAYS ON	0	0	0	0
TEST	0	0	0	0
	1	1	1	1
	4	4	4	4

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0
FEMALE	CARCASS ID	1	1	1
		2	2	2
3.52 ACRYL	F	12	1	2
			3	4

## Alimentary System

Liver	+	+	+	+
Pancreas	+	+	+	+
Stomach, Forestomach	+	+	+	+
Stomach, Glandular	+	+	+	+

4	
4	
4	
4	

## Cardiovascular System

Heart	+	+	+	+

4	
---	--

## Endocrine System

Islets, Pancreatic	+	+	+	+
Parathyroid Gland	+	+	+	+
Thyroid Gland	+	+	+	+

4	
4	
4	

## Genital System

Ovary	+	+	+	+
Depletion, Corpus Luteum	X	X	X	X

4	
4	

## Integumentary System

Mammary Gland	+	+	+	+
Skin	+	+	+	+

4	
4	

## Nervous System

Brain, Brain Stem	+	+	+	+
Brain, Cerebellum	+	+	+	+
Brain, Cerebrum	+	+	+	+
Peripheral Nerve - Sciatic	+	+	+	+
Spinal Cord - Cervical	+	+	+	+
Spinal Cord - Lumbar	+	+	+	+
Spinal Cord Thoracic	+	+	+	+

4	
4	
4	
4	
4	
4	
4	

+: TISSUE EXAMINED MICROSCOPICALLY  
 X: LESION PRESENT BUT NOT QUALIFIED  
 I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 12  
DATE: 09/21/2004  
TIME: 15:09:15.0

DAYS ON TEST	0  0  0  0	O S	
	0  0  0  0	T B E	
	1  1  1  1	I S V	
	4  4  4  4	S E E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	S R R	
FEMALE	CARCASS ID	1  1  1  1	U V I
		2  2  2  2	E E T
3.52 ACRYL F 12		1  2  3  4	S D Y

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY

M : MISSING TISSUE

1-4 : LESION QUALIFIED AS:

X : LESION PRESENT BUT NOT QUALIFIED

A : AUTOLYSIS PRECLUDES EXAMINATION

1) MINIMAL 3) MODERATE

I : INSUFFICIENT TISSUE

BLANK : NOT EXAMINED

2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 13  
DATE: 09/21/2004  
TIME: 15:09:15.0

DAYS ON TEST	0	0	0	0
	0	0	0	0
	1	1	1	1
	4	4	4	4

O	S
T	B
I	S
S	E
S	R
U	V
E	E
S	D

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0
FEMALE	CARCASS ID	2	2	2
CONTROL/WATER	F	8	8	8
19		1	2	3
		4	4	4

## Alimentary System

Liver	+	+	+	+	4	1
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	

## Cardiovascular System

Heart	+	+	+	+	4	1
-------	---	---	---	---	---	---

## Endocrine System

Islets, Pancreatic	+	+	+	+	4	1
Parathyroid Gland	M	M	M	+	1	
Thyroid Gland	M	+	+	+	3	

## Genital System

Ovary	+	+	+	+	4	1
-------	---	---	---	---	---	---

## Integumentary System

Mammary Gland	+	+	+	+	4	1
Skin	+	+	+	+	4	

## Nervous System

Brain, Brain Stem	+	+	+	+	4	1
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+: TISSUE EXAMINED MICROSCOPICALLY  
X: LESION PRESENT BUT NOT QUALIFIED  
I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 14  
DATE: 09/21/2004  
TIME: 15:09:15.0

DAYS ON	0	0	0	0
TEST	0	0	0	0
	1	1	1	1
	4	4	4	4

		O	S
		T	B
		I	S
		S	E
		S	R
		U	V
		E	T
		S	D
			Y

Mice-C57Bl/6N XC3H/HEN MTN-NCTR		0	0
FEMALE	CARCASS ID	0	0
CONTROL/WATER	F 19	2	2
		8	8
		1	2
		3	4

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 15  
DATE: 09/21/2004  
TIME: 15:09:15.0

DAYS ON TEST	0	0	0	0
	0	0	0	0
	1	1	1	1
	4	4	4	4

O	S
T	B
I	E
S	V
S	E
S	R
U	R
E	I
E	T
S	D
	Y

Mice-C57Bl/6N XC3H/HEN MTN-NCTR  
FEMALE CARCASS ID  
0.14 GLYCID F 20

	0	0	0	0
	0	0	0	0
	2	2	2	2
	2	2	2	2
	1	2	3	4

## Alimentary System

Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	

## Cardiovascular System

Heart	+	+	+	+	4	
-------	---	---	---	---	---	--

## Endocrine System

Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	+	+	+	4	
Thyroid Gland	+	+	+	+	4	

## Genital System

Ovary	+	+	+	+	4	
-------	---	---	---	---	---	--

## Integumentary System

Mammary Gland	+	+	+	+	4	
Skin	+	+	+	+	4	

## Nervous System

Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 16  
DATE: 09/21/2004  
TIME: 15:09:15.0

DAYS ON TEST	0	0	0	0
	0	0	0	0
	1	1	1	1
	4	4	4	4

		O	S	
		T	B	EI
		I	S	V
Mice-C57Bl/6N XC3H/HEN MTN-NCTR		S	E	EI
FEMALE	CARCASS ID	S	R	RI
		U	V	II
0.14 GLYCID	F 20	E	E	TI
		S	D	Y

## Respiratory System

Lung	+ + + +	4	
------	---------	---	--

## Special Senses System

Harderian Gland	+ + + +	4	
-----------------	---------	---	--

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 17  
DATE: 09/21/2004  
TIME: 15:09:15.1

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	S	R
FEMALE	2	2	2	2	U	V
CARCASS ID	3	3	3	3	E	T
0.35 GLYCID F 21	1	2	3	4	S	D

## Alimentary System

Liver	+	+	+	+	1	4	1
Inflammation, Focal, Chronic Active						1	1.0
Pancreas	+	+	+	+		4	1
Stomach, Forestomach	+	+	+	+		4	1
Stomach, Glandular	+	+	+	+		4	1

## Cardiovascular System

Heart	+	+	+	+		4	1
-------	---	---	---	---	--	---	---

## Endocrine System

Islets, Pancreatic	+	+	+	+		4	1
Parathyroid Gland	+	+	M	+		3	1
Thyroid Gland	+	+	+	+		4	1

## Genital System

Ovary	+	+	+	+		4	1
-------	---	---	---	---	--	---	---

## Integumentary System

Mammary Gland	+	+	+	+		4	1
Skin	+	+	+	+		4	1

## Nervous System

Brain, Brain Stem	+	+	+	+		4	1
Brain, Cerebellum	+	+	+	+		4	1
Brain, Cerebrum	+	+	+	+		4	1
Peripheral Nerve - Sciatic	+	+	+	+		4	1
Spinal Cord - Cervical	+	+	+	+		4	1
Spinal Cord - Lumbar	+	+	+	+		4	1
Spinal Cord Thoracic	+	+	+	+		4	1

+ : TISSUE EXAMINED MICROSCOPICALLY

X : LESION PRESENT BUT NOT QUALIFIED

I : INSUFFICIENT TISSUE

M : MISSING TISSUE

A : AUTOLYSIS PRECLUDES EXAMINATION

BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:

1) MINIMAL 3) MODERATE

2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 18  
DATE: 09/21/2004  
TIME: 15:09:15.1

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S
T	B
I	S
S	E
S	R
U	V
E	E
S	D

|

|

|

|

|

|

|

|

|

|

Mice-C57Bl/6N XC3H/HEN MTN-NCTR

FEMALE CARCASS ID

0.35 GLYCID F 21

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0
	0  0  0  0
	2  2  2  2
	3  3  3  3

0.35 GLYCID F 21	1  2  3  4
------------------	------------

## Respiratory System

Lung

| + + + +

|

|

## Special Senses System

Harderian Gland

| + + + +

|

|

+ : TISSUE EXAMINED MICROSCOPICALLY

X : LESION PRESENT BUT NOT QUALIFIED

I : INSUFFICIENT TISSUE

M : MISSING TISSUE

A : AUTOLYSIS PRECLUDES EXAMINATION

BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:

1) MINIMAL 3) MODERATE

2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 19  
DATE: 09/21/2004  
TIME: 15:09:15.1

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	I	S
FEMALE	CARCASS ID	2	2	2	S	E
0.70 GLYCID	F	22	4	4	R	R
			1	2	U	V
			1	3	E	T
			4	4	S	D
						Y
<b>Alimentary System</b>						
Liver	+	+	+	+		4
Pancreas	+	+	+	+		4
Stomach, Forestomach	+	+	+	+		4
Stomach, Glandular	+	+	+	+		4
<b>Cardiovascular System</b>						
Heart	+	+	+	+		4
<b>Endocrine System</b>						
Islets, Pancreatic	+	+	+	+		4
Parathyroid Gland	+	+	M	+		3
Thyroid Gland	+	+	+	+		4
<b>Genital System</b>						
Ovary	+	+	+	+		4
Cyst		X				1
<b>Hematopoietic System</b>						
Spleen			+			1
Pigmentation			1			1.0
<b>Integumentary System</b>						
Mammary Gland	+	+	+	+		4
Skin	+	+	+	+		4
<b>Nervous System</b>						
Brain, Brain Stem	+	+	+	+		4
Brain, Cerebellum	+	+	+	+		4
Brain, Cerebrum	+	+	+	+		4
Peripheral Nerve - Sciatic	+	+	+	+		4

+: TISSUE EXAMINED MICROSCOPICALLY  
X: LESION PRESENT BUT NOT QUALIFIED  
I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 20  
DATE: 09/21/2004  
TIME: 15:09:15.1

DAYS ON TEST	0  0  0  0	O S	
	0  0  0  0	T B E	
	1  1  1  1	I S V	
	4  4  4  4	S E E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	S R R	
^FEMALE	CARCASS ID	2  2  2  2	U V I
0.70 GLYCID F 22		4  4  4  4	E E T
		1  2  3  4	S D Y

## Nervous System

Spinal Cord - Cervical	+  +  +  +	4
Spinal Cord - Lumbar	+  +  +  +	4
Spinal Cord Thoracic	+  +  +  +	4

## Respiratory System

Lung	+  +  +  +	4
------	------------	---

## Special Senses System

Harderian Gland	+  +  +  +	4
-----------------	------------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 21  
DATE: 09/21/2004  
TIME: 15:09:15.1

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR FEMALE	0	0	0	0	S	E
CARCASS ID	2	2	2	2	S	R
	5	5	5	5	U	V
1.41 GLYCID F 23	1	2	3	4	E	T
					S	D
Alimentary System						
Liver	+	+	+	+		4
Pancreas	+	+	+	+		4
Stomach, Forestomach	+	+	+	+		4
Stomach, Glandular	+	+	+	+		4
Cardiovascular System						
Heart	+	+	+	+		4
Endocrine System						
Islets, Pancreatic	+	+	+	+		4
Parathyroid Gland	M	+	+	+		3
Thyroid Gland	+	+	+	+		4
Genital System						
Ovary	+	+	+	+		4
Depletion, Corpus Luteum		X				1
Integumentary System						
Mammary Gland	+	+	+	+		4
Skin	+	+	+	+		4
Nervous System						
Brain, Brain Stem	+	+	+	+		4
Brain, Cerebellum	+	+	+	+		4
Brain, Cerebrum	+	+	+	+		4
Peripheral Nerve - Sciatic	M	+	+	+		3
Spinal Cord - Cervical	+	+	+	+		4
Spinal Cord - Lumbar	+	+	+	+		4
Spinal Cord Thoracic	+	+	+	+		4

+ : TISSUE EXAMINED MICROSCOPICALLY

X : LESION PRESENT BUT NOT QUALIFIED

I : INSUFFICIENT TISSUE

M : MISSING TISSUE

A : AUTOLYSIS PRECLUDES EXAMINATION

BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:

1) MINIMAL 3) MODERATE

2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 22  
DATE: 09/21/2004  
TIME: 15:09:15.1

	DAYS ON TEST	0  0  0  0	O S
		0  0  0  0	T B E
		1  1  1  1	I S V
		4  4  4  4	S E E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	CARCASS ID	0  0  0  0	S R R
FEMALE		0  0  0  0	U V I
		2  2  2  2	E E T
		5  5  5  5	S D Y
1.41 GLYCID F 23		1  2  3  4	

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	M + + +	3
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 23  
DATE: 09/21/2004  
TIME: 15:09:15.1

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	1	1	1	1	I	S
FEMALE	4	4	4	4	S	E
CARCASS ID	0	0	0	0	R	R
3.52 GLYCID F 24	2	2	2	2	U	V
	6	6	6	6	E	T
	1	2	3	4	S	D
Alimentary System						
Liver	+	+	+	+		4
Pancreas	+	+	+	+		4
Stomach, Forestomach	+	+	+	+		4
Stomach, Glandular	+	+	+	+		4
Cardiovascular System						
Heart	+	+	+	+		4
Endocrine System						
Islets, Pancreatic	+	+	+	+		4
Parathyroid Gland	M	M	M	+		1
Thyroid Gland	+	+	+	+		4
Genital System						
Ovary	+	+	+	+		4
Depletion, Corpus Luteum	X	X	X			3
Thrombosis	4					1.4.01
Integumentary System						
Mammary Gland	+	+	+	+		4
Skin	+	+	+	+		4
Nervous System						
Brain, Brain Stem	+	+	+	+		4
Brain, Cerebellum	+	+	+	+		4
Brain, Cerebrum	+	+	+	+		4
Peripheral Nerve - Sciatic	+	+	+	+		4
Spinal Cord - Cervical	+	+	+	+		4
Spinal Cord - Lumbar	+	+	+	+		4
Spinal Cord Thoracic	+	+	+	+		4

+: TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 24  
DATE: 09/21/2004  
TIME: 15:09:15.1

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57BL/6N XC3H/HEN MTN-NCTR	0	0	0	0	S	E
FEMALE	0	0	0	0	R	R
CARCASS ID	2	2	2	2	U	V
	6	6	6	6	E	T
3.52 GLYCID F 24	1	2	3	4	S	D

## Respiratory System

Lung	+ + + +	4
------	---------	---

Special Senses System		
-----------------------	--	--

Harderian Gland	+ + + +	4
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY	M : MISSING TISSUE	1-4 : LESION QUALIFIED AS:
X : LESION PRESENT BUT NOT QUALIFIED	A : AUTOLYSIS PRECLUDES EXAMINATION	1) MINIMAL 3) MODERATE
I : INSUFFICIENT TISSUE	BLANK : NOT EXAMINED	2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 25  
DATE: 09/21/2004  
TIME: 15:09:15.2

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	I	S
FEMALE	CARCASS ID	4	4	4	S	E
		2	2	2	S	R
CONTROL NIH31C F	31	1	2	3	U	V
					E	E
					S	D

---

Liver	+	+	+	+	4	
Inflammation, Focal, Chronic Active	*		1		1	1.0
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	

---

Cardiovascular System	+	+	+	+	4	
Heart	+	+	+	+	4	

---

Endocrine System	+	+	+	+	4	
Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	+	+	+	4	
Thyroid Gland	+	+	+	+	4	

---

Genital System	+	+	+	+	4	
Ovary	+	+	+	+	4	

---

Integumentary System	+	+	+	+	4	
Mammary Gland	+	+	+	+	4	
Skin	+	+	+	+	4	

---

Nervous System	+	+	+	+	4	
Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+ : TISSUE EXAMINED MICROSCOPICALLY

X : LESION PRESENT BUT NOT QUALIFIED

I : INSUFFICIENT TISSUE

M : MISSING TISSUE

A : AUTOLYSIS PRECLUDES EXAMINATION

BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:

1) MINIMAL 3) MODERATE

2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 26  
DATE: 09/21/2004  
TIME: 15:09:15.2

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0
FEMALE	CARCASS ID
	0  0  0  0
	4  4  4  4
	2  2  2  2
CONTROL NIH31C F 31	1  2  3  4

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

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1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
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INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 27  
DATE: 09/21/2004  
TIME: 15:09:15.2

DAYS ON TEST	0   0   0   0	0   0   0   0	1   1   1   1	4   4   4   4		O S
						T B E
						I S V
						S E E
						S R R
						U V I
						E E T
						S D Y
Mice-C57BL/6N XC3H/HEN MTN-NCTR	0   0   0   0					
FEMALE	CARCASS ID	0   0   0   0				
		3   3   3   3				
		6   6   6   6				
7.4 MEAL ACRYL F	32	1   2   3   4				
<b>Alimentary System</b>						
Liver	+ + + +				4	
Inflammation, Focal, Chronic Active		1			1 1.0	
Pancreas	+ + + +				4	
Stomach, Forestomach	+ + + +				4	
Stomach, Glandular	+ + + +				4	
<b>Cardiovascular System</b>						
Heart	+ + + +				4	
<b>Endocrine System</b>						
Islets, Pancreatic	+ + + +				4	
Parathyroid Gland	+ + + +				4	
Thyroid Gland	+ + + +				4	
<b>Genital System</b>						
Ovary	+ + + +				4	
<b>Integumentary System</b>						
Mammary Gland	+ + + +				4	
Skin	+ + + +				4	
<b>Nervous System</b>						
Brain, Brain Stem	+ + + +				4	
Brain, Cerebellum	+ + + +				4	
Brain, Cerebrum	+ + + +				4	
Peripheral Nerve - Sciatic	+ + + +				4	
Spinal Cord - Cervical	+ + + +				4	
Spinal Cord - Lumbar	+ + + +				4	
Spinal Cord Thoracic	+ + + +				4	

+ : TISSUE EXAMINED MICROSCOPICALLY  
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I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
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1-4 : LESION QUALIFIED AS:  
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2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 28  
DATE: 09/21/2004  
TIME: 15:09:15.2

DAYS ON TEST	0   0   0   0
	0   0   0   0
	1   1   1   1
	4   4   4   4

		O	S
		T	B
		I	S
		S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR		E	E
FEMALE	CARCASS ID	R	R
7.4 MEAL ACRYL F	32	V	I
		T	T
		D	Y

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

+: TISSUE EXAMINED MICROSCOPICALLY  
 X: LESION PRESENT BUT NOT QUALIFIED  
 I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
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1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
 PATHOLOGY REPORT 4

 PAGE: 29  
 DATE: 09/21/2004  
 TIME: 15:09:15.2

DAYS ON TEST	0   0   0   0
	0   0   0   0
	1   1   1   1
	4   4   4   4

		O	S
		T	B
		I	S
		S	E
		S	R
		U	V
		E	T
		S	D

Mice-C57Bl/6N XC3H/HEN MTN-NCTR		0	0	0	0			
FEMALE	CARCASS ID		3	3	3	3		
18.5MEAL ACRYL F	33		7	7	7	7		
			1	2	3	4		

## Alimentary System

Liver	+   +   +   +	4
Pancreas	+   +   +   +	4
Stomach, Forestomach	+   +   +   +	4
Stomach, Glandular	+   +   +   +	4

## Cardiovascular System

Heart	+   +   +   +	4
-------	---------------	---

## Endocrine System

Islets, Pancreatic	+   +   +   +	4
Parathyroid Gland	+   M   +   +	3
Thyroid Gland	+   +   +   +	4

## Genital System

Ovary	+   +   +   +	4
-------	---------------	---

## Integumentary System

Mammary Gland	+   +   +   +	4
Skin	+   +   +   +	4

## Nervous System

Brain, Brain Stem	+   +   +   +	4
Brain, Cerebellum	+   +   +   +	4
Brain, Cerebrum	+   +   +   +	4
Peripheral Nerve - Sciatic	+   +   +   +	4
Spinal Cord - Cervical	+   +   +	4
Spinal Cord - Lumbar	+   +   +	4
Spinal Cord Thoracic	+   +   +	4

+ : TISSUE EXAMINED MICROSCOPICALLY

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I : INSUFFICIENT TISSUE

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 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:

1) MINIMAL 3) MODERATE

2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 30  
DATE: 09/21/2004  
TIME: 15:09:15.2

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

		O S
		T B E
		I S V
		S E E
		S R R
		U V I
		E E T
		S D Y

Mice-C57Bl/6N XC3H/HEN MTN-NCTR  
FEMALE CARCASS ID  
18.5MEAL ACRYL F 33

	0  0  0  0
	0  0  0  0
	3  3  3  3
	7  7  7  7

	1  2  3  4
--	------------

## Respiratory System

Lung

	+ + + +
--	---------

4	
---	--

## Special Senses System

Harderian Gland

	+ + + +
--	---------

4	
---	--

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
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BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 31  
DATE: 09/21/2004  
TIME: 15:09:15.2

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S
T	B
I	S
S	E
S	R
U	V
E	E
S	D

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0
FEMALE	CARCASS ID
	3  3  3  3
37 MEAL ACRYL F 34	8  8  8  8
	1  2  3  4

## Alimentary System

Liver	+ + + +	4
Pancreas	+ + + +	4
Stomach, Forestomach	+ + + +	4
Stomach, Glandular	+ + + +	4

## Cardiovascular System

Heart	+ + + +	4
-------	---------	---

## Endocrine System

Islets, Pancreatic	+ + + +	4
Parathyroid Gland	+ + + +	4
Thyroid Gland	+ + + +	4

## Genital System

Ovary	+ + + +	4
-------	---------	---

## Integumentary System

Mammary Gland	+ + + +	4
Skin	+ + + +	4

## Nervous System

Brain, Brain Stem	+ + + +	4
Brain, Cerebellum	+ + + +	4
Brain, Cerebrum	+ + + +	4
Peripheral Nerve - Sciatic	+ + + +	4
Spinal Cord - Cervical	+ + + +	4
Spinal Cord - Lumbar	+ + + +	4
Spinal Cord Thoracic	+ + + +	4

+ : TISSUE EXAMINED MICROSCOPICALLY  
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A : AUTOLYSIS PRECLUDES EXAMINATION  
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1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 32  
DATE: 09/21/2004  
TIME: 15:09:15.2

TEST	0	0	0	0	O	S
CARCASS ID	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57B1/6N XC3H/HEN MTN-NCTR	0	0	0	0	V	
FEMALE	0	0	0	0	E	
37 MEAL ACRYL F 34	3	3	3	3	R	R
	8	8	8	8	U	I
	1	2	3	4	E	T
					S	D
Respiratory System						Y

Lung

+	+	+	+	4	
---	---	---	---	---	--

Special Senses System

Harderian Gland

+	+	+	+	4	
---	---	---	---	---	--

+: TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 33  
DATE: 09/21/2004  
TIME: 15:09:15.2

DAYS ON TEST	0	0	0	0	O	S
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	T	B
FEMALE	CARCASS ID	3	3	3	I	S
74 MEAL ACRYL F 35		9	9	9	S	E
		1	2	3	S	R
		4	4	4	U	V
					E	E
					S	Y

---

Alimentary System						
Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	

---

Cardiovascular System						
Heart	+	+	+	+	4	

---

Endocrine System						
Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	+	+	M	3	
Thyroid Gland	+	+	+	+	4	

---

Genital System						
Ovary	+	+	+	+	4	

---

Integumentary System						
Mammary Gland	+	+	+	+	4	
Skin	+	+	+	+	4	

---

Nervous System						
Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+: TISSUE EXAMINED MICROSCOPICALLY  
X: LESION PRESENT BUT NOT QUALIFIED  
I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 34  
DATE: 09/21/2004  
TIME: 15:09:15.2

DAYS ON TEST	0  0  0  0	O S	
	0  0  0  0	T B E	
	1  1  1  1	I S V	
	4  4  4  4	S E E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	S R R	
FEMALE	CARCASS ID	3  3  3  3	U V I
74 MEAL ACRYL F 35		9  9  9  9	E E T
		1  2  3  4	S D Y

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 35  
DATE: 09/21/2004  
TIME: 15:09:15.3

DAYS ON TEST		0 0 0 0	O S
		0 0 0 0	T B E
		1 1 1 1	I S V
		4 4 4 4	S E E
			S R R
Mice-C57Bl/6N XC3H/HEN MTN-NCTR		0 0 0 0	U V I
FEMALE		CARCASS ID	E E T
185 MEAL ACRYL F 36		1 2 3 4	S D Y
<b>Alimentary System</b>			
Liver		+ + + +	4
Pancreas		+ + + +	4
Stomach, Forestomach		+ + + +	4
Stomach, Glandular		+ + + +	4
<b>Cardiovascular System</b>			
Heart		+ + + +	4
<b>Endocrine System</b>			
Islets, Pancreatic		+ + + +	4
Parathyroid Gland		+ + M M	2
Thyroid Gland		+ + + +	4
<b>Genital System</b>			
Ovary		+ + + +	4
<b>Integumentary System</b>			
Mammary Gland		+ + + +	4
Skin		+ + + +	4
<b>Nervous System</b>			
Brain, Brain Stem		+ + + +	4
Brain, Cerebellum		+ + + +	4
Brain, Cerebrum		+ + + +	4
Peripheral Nerve - Sciatic		+ + + +	4
Spinal Cord - Cervical		+ + + +	4
Spinal Cord - Lumbar		+ + + +	4
Spinal Cord Thoracic		+ + + +	4

+ : TISSUE EXAMINED MICROSCOPICALLY

X : LESION PRESENT BUT NOT QUALIFIED

I : INSUFFICIENT TISSUE

M : MISSING TISSUE

A : AUTOLYSIS PRECLUDES EXAMINATION

BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:

1) MINIMAL 3) MODERATE

2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 36  
DATE: 09/21/2004  
TIME: 15:09:15.3

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	S	E
FEMALE	0	0	0	0	R	R
CARCASS ID	4	4	4	4	U	V
185 MEAL ACRYL F 36	0	0	0	0	E	T
	1	2	3	4	S	D

Respiratory System

Lung	+	+	+	+	4	
Inflammation, Perivascular	1				1	1.0

Special Senses System

Harderian Gland	+	+	+	+	4	
-----------------	---	---	---	---	---	--

+: TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 37  
DATE: 09/21/2004  
TIME: 15:09:15.3

DAYS ON TEST	0	0	0	0	O	S
Mice-C57Bl/6N XC3H/HEN MTN-NCTR FEMALE CARCASS ID	0	0	0	0	T	B
7.03 ACRYL F 38	1	1	1	1	I	S
	3	3	3	3	S	E
	1	2	3	4	S	R
					U	V
					E	E
					S	D
Alimentary System						
Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	
Cardiovascular System						
Heart	+	+	+	+	4	
Endocrine System						
Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	+	M	+	3	
Thyroid Gland	+	+	+	+	4	
Genital System						
Ovary	+	+	+	+	4	
Depletion, Corpus Luteum	X	X	X	X	4	
Integumentary System						
Mammary Gland	+	+	+	+	4	
Skin	+	+	+	+	4	
Nervous System						
Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+: TISSUE EXAMINED MICROSCOPICALLY  
 X: LESION PRESENT BUT NOT QUALIFIED  
 I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 38  
DATE: 09/21/2004  
TIME: 15:09:15.3

DAYS ON TEST	0  0  0  0	O S	
	0  0  0  0	T B E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	I S V	
FEMALE	CARCASS ID	1  1  1  1	S E E
		3  3  3  3	S R R
7.03 ACRYL	F 38	1  2  3  4	U V I
			E E T
			S D Y

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 - : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 39  
DATE: 09/21/2004  
TIME: 15:09:15.3

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	S	E
FEMALE	CARCASS ID	2	2	2	R	R
7.03 GLYCID	F	40	7	7	U	V
		1	2	3	E	T
		4			S	D
					Y	

## Alimentary System

Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	

## Cardiovascular System

Heart	+	+	+	+	4	
-------	---	---	---	---	---	--

## Endocrine System

Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	M	M	+	2	
Thyroid Gland	+	M	M	+	2	

## Genital System

Ovary	+	+	+	+	4	
Depletion, Corpus Luteum	X	X	X	X	4	

## Integumentary System

Mammary Gland	+	+	+	+	4	
Skin	+	+	+	+	4	

## Nervous System

Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	M	+	+	3	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+ : TISSUE EXAMINED MICROSCOPICALLY

M : MISSING TISSUE

1-4 : LESION QUALIFIED AS:

X : LESION PRESENT BUT NOT QUALIFIED

A : AUTOLYSIS PRECLUDES EXAMINATION

1) MINIMAL 3) MODERATE

I : INSUFFICIENT TISSUE

BLANK : NOT EXAMINED

2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 40  
DATE: 09/21/2004  
TIME: 15:09:15.3

DAYS ON TEST	0  0  0  0	O S	
	0  0  0  0	T B E	
	1  1  1  1	I S V	
	4  4  4  4	S E E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	S R R	
FEMALE	CARCASS ID	2  2  2  2	U V I
		7  7  7  7	E E T
7.03 GLYCID F 40		1  2  3  4	S D Y

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ M + +	3
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 41  
DATE: 09/21/2004  
TIME: 15:09:15.3

	DAYS ON TEST	0  0  0  0	O S
		0  0  0  0	T B E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	CARCASS ID	0  0  0  0	I S V
FEMALE		4  4  4  4	S E E
370 MEAL ACRYL F	42	1  1  1  1	S R R
		1  2  3  4	U V I
			E E T
			S D Y
<b>Alimentary System</b>			
Liver		+ + + +	4
Pancreas		+ + + +	4
Stomach, Forestomach		+ + + +	4
Stomach, Glandular		+ + + +	4
<b>Cardiovascular System</b>			
Heart		+ + + +	4
<b>Endocrine System</b>			
Islets, Pancreatic		+ + + +	4
Parathyroid Gland		+ + + M	3
Thyroid Gland		+ + + +	4
<b>Genital System</b>			
Ovary		+ + + +	4
Depletion, Corpus Luteum		X X X X	4
<b>Integumentary System</b>			
Mammary Gland		+ + + +	4
Skin		+ + + +	4
<b>Nervous System</b>			
Brain, Brain Stem		+ + + +	4
Brain, Cerebellum		+ + + +	4
Brain, Cerebrum		+ + + +	4
Peripheral Nerve - Sciatic		+ + + +	4
Spinal Cord - Cervical		+ + + +	4
Spinal Cord - Lumbar		+ + + +	4
Spinal Cord Thoracic		+ + + +	4

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
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1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 42  
DATE: 09/21/2004  
TIME: 15:09:15.4

DAYS ON TEST	0   0   0   0	O S	
	0   0   0   0	T B E	
	1   1   1   1	I S V	
	4   4   4   4	S E E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0   0   0   0	S R R	
FEMALE	CARCASS ID	4   4   4   4	
		1   1   1   1	U V I
370 MEAL ACRYL F	42	1   2   3   4	E E T
			S D Y
Respiratory System			
Lung	+ + + +	4	
Special Senses System			
Eye	+ + + +	1	
Harderian Gland	+ + + +	4	

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 43  
DATE: 09/21/2004  
TIME: 15:09:15.4

DAYS ON TEST	0	0	0	0
	0	0	0	0
	1	1	1	1
	4	4	4	4

	O	S
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

## Alimentary System

Liver	+	+	+	+	4	
Inflammation, Focal, Chronic Active	1				1	1.0
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	

## Cardiovascular System

Heart	+	+	+	+	4	
-------	---	---	---	---	---	--

## Endocrine System

Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	M	+	+	3	
Thyroid Gland	+	+	+	+	4	

## Genital System

Testes	+	+	+	+	4	
--------	---	---	---	---	---	--

## Hematopoietic System

Spleen		+			1	
--------	--	---	--	--	---	--

## Integumentary System

Mammary Gland	M	M	M	M	0	
Skin	+	+	+	+	4	

## Nervous System

Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 44  
DATE: 09/21/2004  
TIME: 15:09:15.4

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	S	V
MALE	0	0	0	0	R	R
CARCASS ID	7	7	7	7	U	I
CONTROL/WATER M 1	1	2	3	4	E	T
					S	D
Nervous System						Y
Spinal Cord - Lumbar	+	+	+	+		4
Spinal Cord Thoracic	+	+	+	+		4
Respiratory System						
Lung	+	+	+	+		4
Special Senses System						
Harderian Gland	+	+	+	+		4
+ : TISSUE EXAMINED MICROSCOPICALLY	M : MISSING TISSUE			1-4 : LESION QUALIFIED AS:		
X : LESION PRESENT BUT NOT QUALIFIED	A : AUTOLYSIS PRECLUDES EXAMINATION			1) MINIMAL 3) MODERATE		
I : INSUFFICIENT TISSUE	BLANK : NOT EXAMINED			2) MILD 4) MARKED		

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 45  
DATE: 09/21/2004  
TIME: 15:09:15.4

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	S	E
MALE	CARCASS ID	0	0	0	R	R
0.14 ACRYL	M	2	1	1	V	I
			1	2	E	T
			1	3	D	Y
			1	4		
<b>Alimentary System</b>						
Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	
<b>Cardiovascular System</b>						
Heart	+	+	+	+	4	
<b>Endocrine System</b>						
Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	+	+	+	4	
Thyroid Gland	+	+	+	+	4	
<b>Genital System</b>						
Testes	+	+	+	+	4	
<b>Integumentary System</b>						
Mammary Gland	M	M	M	M	0	
Skin	+	+	+	+	4	
<b>Nervous System</b>						
Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+: TISSUE EXAMINED MICROSCOPICALLY  
 X: LESION PRESENT BUT NOT QUALIFIED  
 I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 46  
DATE: 09/21/2004  
TIME: 15:09:15.4

TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	S	E
MALE	CARCASS ID	0	0	0	R	R
		1	1	1	U	V
0.14 ACRYL	M	2	1	2	E	I
			3	4	E	T
					S	D
						Y

## Respiratory System

Lung	+	+	+	+	4	
------	---	---	---	---	---	--

## Special Senses System

Harderian Gland	+	+	+	+	4	
-----------------	---	---	---	---	---	--

+: TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	S	E
MALE	0	0	0	0	S	R
CARCASS ID	2	2	2	2	U	V
0.35 ACRYL M 3	1	2	3	4	E	T
					S	Y
Alimentary System						
Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	
Cardiovascular System						
Heart	+	+	+	+	4	
Endocrine System						
Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	M	+	+	+	3	
Thyroid Gland	+	+	+	+	4	
Genital System						
Testes	+	+	+	+	4	
Integumentary System						
Mammary Gland	M	+	M	M	1	
Skin	+	+	+	+	4	
Nervous System						
Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+: TISSUE EXAMINED MICROSCOPICALLY  
X: LESION PRESENT BUT NOT QUALIFIED  
I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

NCTR EXP/TEST: 215002

PAGE: 48  
DATE: 09/21/2004  
TIME: 15:09:15.4INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0		
MALE	CARCASS ID	0  0  0  0	
0.35 ACRYL	M	3	2  2  2  2
			1  2  3  4

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

+: TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 49  
DATE: 09/21/2004  
TIME: 15:09:15.4

DAYS ON TEST  Mice-C57Bl/6N XC3H/HEN MTN-NCTR MALE CARCASS ID 0.70 ACRYL M 4	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>4</td><td>4</td><td>4</td><td>4</td></tr> </table>	0	0	0	0	0	0	0	0	1	1	1	1	4	4	4	4	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>O</td><td>S</td></tr> <tr><td>T</td><td>B</td></tr> <tr><td>I</td><td>S</td></tr> <tr><td>S</td><td>E</td></tr> <tr><td>S</td><td>R</td></tr> <tr><td>U</td><td>V</td></tr> <tr><td>E</td><td>E</td></tr> <tr><td>S</td><td>D</td></tr> </table>	O	S	T	B	I	S	S	E	S	R	U	V	E	E	S	D
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1	1	1	1																															
4	4	4	4																															
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0	0	0	0																															
3	3	3	3																															
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0	0	0	0																															
0	0	0	0																															
3	3	3	3																															
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S	E																																	
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U	V																																	
E	E																																	
S	D																																	

## Alimentary System

Liver	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								
Pancreas	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								
Stomach, Forestomach	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								
Stomach, Glandular	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								

## Cardiovascular System

Heart	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								

## Endocrine System

Islets, Pancreatic	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								
Parathyroid Gland	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								
Thyroid Gland	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								

## Genital System

Testes	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								

## Integumentary System

Mammary Gland	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>M</td><td>M</td><td>M</td><td>M</td></tr> </table>	M	M	M	M	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>0</td><td></td></tr> </table>	0	
M	M	M	M					
0								
Skin	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								

## Nervous System

Brain, Brain Stem	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								
Brain, Cerebellum	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								
Brain, Cerebrum	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								
Peripheral Nerve - Sciatic	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								
Spinal Cord - Cervical	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								
Spinal Cord - Lumbar	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								
Spinal Cord Thoracic	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>+</td><td>+</td><td>+</td><td>+</td></tr> </table>	+	+	+	+	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>4</td><td></td></tr> </table>	4	
+	+	+	+					
4								

+: TISSUE EXAMINED MICROSCOPICALLY  
X: LESION PRESENT BUT NOT QUALIFIED  
I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 50  
DATE: 09/21/2004  
TIME: 15:09:15.4

DAYS ON TEST	0   0   0   0	O   S
	0   0   0   0	T   B   E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0   0   0   0	I   S   V
MALE	CARCASS ID	S   E   E
		S   R   R
		U   V   I
0.70 ACRYL M 4	3   3   3   3	E   E   T
	1   2   3   4	S   D   Y

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

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 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 51  
DATE: 09/21/2004  
TIME: 15:09:15.5

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	I	V
MALE	CARCASS ID	0	0	0	S	E
		4	4	4	R	R
1.41 ACRYL	M	5	1	2	U	I
			1	3	E	T
			1	4	S	D
						Y
<b>Alimentary System</b>						
Liver	+	+	+	+	1	4
Pancreas	+	+	+	+	1	4
Stomach, Forestomach	+	+	+	+	1	4
Stomach, Glandular	+	+	+	+	1	4
<b>Cardiovascular System</b>						
Heart	+	+	+	+	1	4
<b>Endocrine System</b>						
Islets, Pancreatic	+	+	+	+	1	4
Parathyroid Gland	+	+	+	+	1	4
Thyroid Gland	+	+	+	+	1	4
<b>Genital System</b>						
Testes	+	+	+	+	1	4
<b>Integumentary System</b>						
Mammary Gland	M	M	M	M	1	0
Skin	+	+	+	+	1	4
<b>Nervous System</b>						
Brain, Brain Stem	+	+	+	+	1	4
Brain, Cerebellum	+	+	+	+	1	4
Brain, Cerebrum	+	+	+	+	1	4
Peripheral Nerve - Sciatic	+	+	+	+	1	4
Spinal Cord - Cervical	+	+	+	+	1	4
Spinal Cord - Lumbar	+	+	+	+	1	4
Spinal Cord Thoracic	+	+	+	+	1	4

+: TISSUE EXAMINED MICROSCOPICALLY  
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 2) MILD 4) MARKED

NCTR EXP/TEST: 215002

PAGE: 52  
DATE: 09/21/2004  
TIME: 15:09:15.5INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S
T	B
I	S
S	E
S	R
U	V
E	E
S	D

Mice-C57Bl/6N XC3H/HEN MTN-NCTR

MALE CARCASS ID

1.41 ACRYL M 5

0  0  0  0
0  0  0  0
0  0  0  0
4  4  4  4

1  2  3  4
------------

## Respiratory System

Lung

| + + + +

| 4 |

## Special Senses System

Harderian Gland

| + + + +

| 4 |

+ : TISSUE EXAMINED MICROSCOPICALLY

X : LESION PRESENT BUT NOT QUALIFIED

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INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	O S
MALE	CARCASS ID	0  0  0  0
		5  5  5  5
3.52 ACRYL	M	1  2  3  4
		E E T
		S D Y

## Alimentary System

Liver	+ + + +	4
Pancreas	+ + + +	4
Stomach, Forestomach	+ + + +	4
Stomach, Glandular	+ + + +	4

## Cardiovascular System

Heart	+ + + +	4
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## Endocrine System

Islets, Pancreatic	+ + + +	4
Parathyroid Gland	M + M +	2
Thyroid Gland	+ + + +	4

## Genital System

Testes	+ + + +	4
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## Integumentary System

Mammary Gland	M M M M	0
Skin	+ + + +	4

## Nervous System

Brain, Brain Stem	+ + + +	4
Brain, Cerebellum	+ + + +	4
Brain, Cerebrum	+ + + +	4
Peripheral Nerve - Sciatic	+ + + +	4
Spinal Cord - Cervical	+ + + +	4
Spinal Cord - Lumbar	+ + + +	4
Spinal Cord Thoracic	+ + + +	4

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NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 54  
DATE: 09/21/2004  
TIME: 15:09:15.5

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S
T	B
I	S
S	E
S	R
U	V
E	T
S	D

Mice-C57BL/6N XC3H/HEN MTN-NCTR  
MALE

CARCASS ID

3.52 ACRYL	M	6	0  0  0  0
			0  0  0  0
			0  0  0  0
			5  5  5  5

3.52 ACRYL	M	6	1  2  3  4
			1  2  3  4

## Respiratory System

Lung	+ + + +	4
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## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
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2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
 PATHOLOGY REPORT 4

 PAGE: 55  
 DATE: 09/21/2004  
 TIME: 15:09:15.5

DAYS ON TEST	0	0	0	0
	0	0	0	0
	1	1	1	1
	4	4	4	4

	O	S
	T	B
	I	S
	S	E
	S	R
	U	V
	E	I
	S	T
	D	Y

Mice-C57Bl/6N XC3H/HEN MTN-NCTR  
MALE CARCASS ID

	0	0	0	0
	0	0	0	0
	2	2	2	2
	1	1	1	1
CONTROL/WATER M 13	1	2	3	4

## Alimentary System

Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	

## Cardiovascular System

Heart	+	+	+	+	4	
-------	---	---	---	---	---	--

## Endocrine System

Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	M	M	+	2	
Thyroid Gland	+	+	+	+	4	

## Genital System

Testes	+	+	+	+	4	
--------	---	---	---	---	---	--

## Hematopoietic System

Lymph Node, Mandibular	+	+	1	
------------------------	---	---	---	--

## Integumentary System

Mammary Gland	M	M	M	M	0	
Skin	+	+	+	+	4	

## Nervous System

Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	

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NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 56  
DATE: 09/21/2004  
TIME: 15:09:15.5

DAYS ON TEST	0  0  0  0	O	S	
	0  0  0  0	T	B	
	1  1  1  1	I	S	
	4  4  4  4	S	E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	S	E	
MALE	CARCASS ID	2  2  2  2	R	R
		1  1  1  1	U	V
CONTROL/WATER	M 13	1  2  3  4	E	T
			S	D
				Y

## Nervous System

Spinal Cord Thoracic | + + + + | 4 |

## Respiratory System

Lung | + + + + | 4 |

## Special Senses System

Harderian Gland | + + + + | 4 |

+ : TISSUE EXAMINED MICROSCOPICALLY

M : MISSING TISSUE

1-4 : LESION QUALIFIED AS:

X : LESION PRESENT BUT NOT QUALIFIED

A : AUTOLYSIS PRECLUDES EXAMINATION

1) MINIMAL 3) MODERATE

I : INSUFFICIENT TISSUE

BLANK : NOT EXAMINED

2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 57  
DATE: 09/21/2004  
TIME: 15:09:15.5

DAYS ON TEST	0  0  0  0	O S	
	0  0  0  0	T B E	
	1  1  1  1	I S V	
	4  4  4  4	S E E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	S R R	
MALE	CARCASS ID	1  1  1  1	U V I
		5  5  5  5	E E T
0.14 GLYCID M 14		1  2  3  4	S D Y
<b>Alimentary System</b>			
Liver	+ + + +	4	
Pancreas	+ + + +	4	
Stomach, Forestomach	+ + + +	4	
Stomach, Glandular	+ + + +	4	
<b>Cardiovascular System</b>			
Heart	+ + + +	4	
<b>Endocrine System</b>			
Islets, Pancreatic	+ + + +	4	
Parathyroid Gland	M + M +	2	
Thyroid Gland	+ + + +	4	
<b>Genital System</b>			
Testes	+ + + +	4	
<b>Integumentary System</b>			
Mammary Gland	M M M M	0	
Skin	+ + + +	4	
<b>Nervous System</b>			
Brain, Brain Stem	+ + + +	4	
Brain, Cerebellum	+ + + +	4	
Brain, Cerebrum	+ + + +	4	
Peripheral Nerve - Sciatic	+ + + +	4	
Spinal Cord - Cervical	+ + + +	4	
Spinal Cord - Lumbar	+ + + +	4	
Spinal Cord Thoracic	+ + + +	4	

+: TISSUE EXAMINED MICROSCOPICALLY  
 X: LESION PRESENT BUT NOT QUALIFIED  
 I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

NCTR EXP/TEST: 215002

PAGE: 58  
DATE: 09/21/2004  
TIME: 15:09:15.5INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	
MALE	CARCASS ID	0  0  0  0
		1  1  1  1
		5  5  5  5

0.14 GLYCID	M	14	1  2  3  4
-------------	---	----	------------

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 59  
DATE: 09/21/2004  
TIME: 15:09:15.6

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	I	S
MALE	CARCASS ID	1	1	1	S	E
0.35 GLYCID	M	15	6	6	S	R
			1	2	U	V
			1	3	E	E
			4	4	S	D
						Y
<b>Alimentary System</b>						
Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	
<b>Cardiovascular System</b>						
Heart	+	+	+	+	4	
<b>Endocrine System</b>						
Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	+	M	+	3	
Thyroid Gland	+	+	+	+	4	
<b>Genital System</b>						
Testes	+	+	+	+	4	
<b>Integumentary System</b>						
Mammary Gland	M	M	M	M	0	
Skin	+	+	+	+	4	
<b>Nervous System</b>						
Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+: TISSUE EXAMINED MICROSCOPICALLY  
 X: LESION PRESENT BUT NOT QUALIFIED  
 I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 60  
DATE: 09/21/2004  
TIME: 15:09:15.6

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

Mice-C57BL/6N XC3H/HEN MTN-NCTR	0  0  0  0	
MALE	CARCASS ID	0  0  0  0
		1  1  1  1
		6  6  6  6

0.35 GLYCID	M	15	1  2  3  4
-------------	---	----	------------

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 61  
DATE: 09/21/2004  
TIME: 15:09:15.6

DAYS ON TEST	0  0  0
	0  0  0
	1  1  1
	4  4  4

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0	O   S		
MALE	CARCASS ID	0  0  0	T   B   E	
		1  1  1	I   S   V	
		7  7  7	S   E   E	
0.70 GLYCID	M	16	1  2  4	S   R   R
				U   V   I
				E   E   T
				S   D   Y

## Alimentary System

Liver	+   +   +	3
Pancreas	+   +   +	3
Stomach, Forestomach	+   +   +	3
Stomach, Glandular	+   +   +	3

## Cardiovascular System

Heart	+   +   +	3
-------	-----------	---

## Endocrine System

Islets, Pancreatic	+   +   +	3
Parathyroid Gland	+   +   +	3
Thyroid Gland	+   +   +	3

## Genital System

Testes	+   +   +	3
--------	-----------	---

## Integumentary System

Mammary Gland	M   M   M	0
Skin	+   +   +	3

## Nervous System

Brain, Brain Stem	+   +   +	3
Brain, Cerebellum	+   +   +	3
Brain, Cerebrum	+   +   +	3
Peripheral Nerve - Sciatic	+   +   +	3
Spinal Cord - Cervical	+   +   +	3
Spinal Cord - Lumbar	+   +   +	3
Spinal Cord Thoracic	+   +   +	3

+ : TISSUE EXAMINED MICROSCOPICALLY

M : MISSING TISSUE

1-4 : LESION QUALIFIED AS:

X : LESION PRESENT BUT NOT QUALIFIED

A : AUTOLYSIS PRECLUDES EXAMINATION

1) MINIMAL 3) MODERATE

I : INSUFFICIENT TISSUE

BLANK : NOT EXAMINED

2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 62  
DATE: 09/21/2004  
TIME: 15:09:15.6

DAYS ON		0		0		0
TEST		0		0		0
		1		1		1
		4		4		4

Mice-C57Bl/6N XC3H/HEN MTN-NCTR MALE	CARCASS ID 0.70 GLYCID M 16	O	S
		T	B E
		I	S V
		S	E E
		S	R R
		U	V I
		E	E T
		S	D Y

## Respiratory System

Lung		+	+	+		3	
------	--	---	---	---	--	---	--

## Special Senses System

Harderian Gland		+	+	+		3	
-----------------	--	---	---	---	--	---	--

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 63  
DATE: 09/21/2004  
TIME: 15:09:15.6

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	I	V
MALE	CARCASS ID	1	1	1	S	E
		8	8	8	S	R
1.41 GLYCID	M	17	1	2	U	I
			3	4	E	T
					S	D
						Y
<b>Alimentary System</b>						
Liver	+	+	+	+		4
Pancreas	+	+	+	+		4
Stomach, Forestomach	+	+	+	+		4
Stomach, Glandular	+	+	+	+		4
<b>Cardiovascular System</b>						
Heart	+	+	+	+		4
<b>Endocrine System</b>						
Islets, Pancreatic	+	+	+	+		4
Parathyroid Gland	M	+	+	+		3
Thyroid Gland	+	+	+	+		4
<b>Genital System</b>						
Testes	+	+	+	+		4
<b>Integumentary System</b>						
Mammary Gland	M	M	M	M		0
Skin	+	+	+	+		4
<b>Nervous System</b>						
Brain, Brain Stem	+	+	+	+		4
Brain, Cerebellum	+	+	+	+		4
Brain, Cerebrum	+	+	+	+		4
Peripheral Nerve - Sciatic	+	+	+	+		4
Spinal Cord - Cervical	+	+	+	+		4
Spinal Cord - Lumbar	+	+	+	+		4
Spinal Cord Thoracic	+	+	+	+		4

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 64  
DATE: 09/21/2004  
TIME: 15:09:15.6

TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	S	E
MALE	CARCASS ID	1	1	1	R	R
1.41 GLYCID	M	17	8	8	U	V
		1	2	3	E	T
			1	4	S	D
						Y

## Respiratory System

Lung	+	+	+	+	4	
------	---	---	---	---	---	--

## Special Senses System

Harderian Gland	+	+	+	+	4	
-----------------	---	---	---	---	---	--

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 65  
DATE: 09/21/2004  
TIME: 15:09:15.6

	DAYS ON TEST	0  0  0  0	O S
		0  0  0  0	T B E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	CARCASS ID	0  0  0  0	I S V
MALE		1  1  1  1	S E E
		9  9  9  9	S R R
3.52 GLYCID	M	1  2  3  4	U V I
			E E T
			S D Y

**Alimentary System**

Liver	+ + + +	4
Pancreas	+ + + +	4
Stomach, Forestomach	+ + + +	4
Stomach, Glandular	+ + + +	4

**Cardiovascular System**

Heart	+ + + +	4
-------	---------	---

**Endocrine System**

Islets, Pancreatic	+ + + +	4
Parathyroid Gland	+ + + M	3
Thyroid Gland	+ + + +	4

**Genital System**

Testes	+ + + +	4
--------	---------	---

**Integumentary System**

Mammary Gland	M M M M	0
Skin	+ + + +	4

**Nervous System**

Brain, Brain Stem	+ + + +	4
Brain, Cerebellum	+ + + +	4
Brain, Cerebrum	+ + + +	4
Peripheral Nerve - Sciatic	+ + + +	4
Spinal Cord - Cervical	+ + + +	4
Spinal Cord - Lumbar	+ + + +	4
Spinal Cord Thoracic	+ + + +	4

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 66  
DATE: 09/21/2004  
TIME: 15:09:15.6

DAYS ON TEST	0  0  0  0	O	S	
	0  0  0  0	T	B	
	1  1  1  1	I	S	
	4  4  4  4	S	E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	S	E	
MALE	CARCASS ID	1  1  1  1	R	R
		9  9  9  9	U	V
3.52 GLYCID M 18	1  2  3  4	E	T	
		S	D	
		D	Y	

## Respiratory System

Lung	+ + + +	4	
Hemorrhage	+ + + +	1	2.0

## Special Senses System

Harderian Gland	+ + + +	4	
-----------------	---------	---	--

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 67  
DATE: 09/21/2004  
TIME: 15:09:15.7

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	S	V
MALE	3	3	3	3	R	R
CARCASS ID	5	5	5	5	U	I
CONTROL NIH31C M 25	1	2	3	4	E	T
					S	D
						Y

## Alimentary System

Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	

## Cardiovascular System

Heart	+	+	+	+	4	
-------	---	---	---	---	---	--

## Endocrine System

Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	M	+	+	3	
Thyroid Gland	+	+	+	+	4	

## Genital System

Testes	+	+	+	+	4	
--------	---	---	---	---	---	--

## Integumentary System

Mammary Gland	M	M	M	M	0	
Skin	+	+	+	+	4	

## Nervous System

Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+ : TISSUE EXAMINED MICROSCOPICALLY

X : LESION PRESENT BUT NOT QUALIFIED

I : INSUFFICIENT TISSUE

M : MISSING TISSUE

A : AUTOLYSIS PRECLUDES EXAMINATION

BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:

1) MINIMAL 3) MODERATE

2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 68  
DATE: 09/21/2004  
TIME: 15:09:15.7

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	S	E
MALE	3	3	3	3	R	R
CARCASS ID	5	5	5	5	U	V
CONTROL NIH31C M 25	1	2	3	4	E	T
					S	D
						Y

## Respiratory System

Lung	+	+	+	+	4	
------	---	---	---	---	---	--

## Special Senses System

Harderian Gland	+	+	+	+	4	
-----------------	---	---	---	---	---	--

+: TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 69  
DATE: 09/21/2004  
TIME: 15:09:15.7

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S
T	B
I	S
S	E
S	R
U	V
E	E
S	D

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	
MALE	CARCASS ID	0  0  0  0
		2  2  2  2
		9  9  9  9
7.4 MEAL ACRYL M	26	1  2  3  4

Y
---

## Alimentary System

Liver	+  +  +  +
Pancreas	+  +  +  +
Stomach, Forestomach	+  +  +  +
Stomach, Glandular	+  +  +  +

4	
4	
4	
4	

## Cardiovascular System

Heart	+  +  +  +
-------	------------

4	
---	--

## Endocrine System

Islets, Pancreatic	+  +  +  +
Parathyroid Gland	+  +  +  +
Thyroid Gland	+  +  +  +

4	
4	
4	

## Genital System

Testes	+  +  +  +
--------	------------

4	
---	--

## Integumentary System

Mammary Gland	+  +  M  M
Skin	+  +  +  +

2	
4	

## Nervous System

Brain, Brain Stem	+  +  +  +
Brain, Cerebellum	+  +  +  +
Brain, Cerebrum	+  +  +  +
Peripheral Nerve - Sciatic	+  +  +  +
Spinal Cord - Cervical	+  +  +  +
Spinal Cord - Lumbar	+  +  +  +
Spinal Cord Thoracic	+  +  +  +

4	
4	
4	
4	
4	
4	
4	

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 70  
DATE: 09/21/2004  
TIME: 15:09:15.7

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR MALE	CARCASS ID	0	0	0	V	
7.4 MEAL ACRYL M	26	2	2	2	R	
		9	9	9	U	I
		1	2	3	E	T
					S	D
					Y	
<b>Respiratory System</b>						
Lung		+	+	+	4	
<b>Special Senses System</b>						
Harderian Gland		+	+	+	4	

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 71  
DATE: 09/21/2004  
TIME: 15:09:15.7

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

Mice-C57Bl/6N XC3H/HEN MTN-NCTR

MALE CARCASS ID

18.5MEAL ACRYL M 27

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0
	0  0  0  0
	3  3  3  3
	0  0  0  0

18.5MEAL ACRYL M 27	1  2  3  4
---------------------	------------

## Alimentary System

Liver  
Pancreas  
Stomach, Forestomach  
Stomach, Glandular

Liver	+  +  +  +
Pancreas	+  +  +  +
Stomach, Forestomach	+  +  +  +
Stomach, Glandular	+  +  +  +

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

## Cardiovascular System

Heart

Heart	+  +  +  +
-------	------------

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

## Endocrine System

Islets, Pancreatic  
Parathyroid Gland  
Thyroid Gland

Islets, Pancreatic	+  +  +  +
Parathyroid Gland	+  +  +  M
Thyroid Gland	+  +  +  M

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

## Genital System

Testes

Testes	+  +  +  +
--------	------------

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

## Integumentary System

Mammary Gland  
Skin

Mammary Gland	M  M  M  M
Skin	+  +  +  +

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

## Nervous System

Brain, Brain Stem  
Brain, Cerebellum  
Brain, Cerebrum  
Peripheral Nerve - Sciatic  
Spinal Cord - Cervical  
Spinal Cord - Lumbar  
Spinal Cord Thoracic

Brain, Brain Stem	+  +  +  +
Brain, Cerebellum	+  +  +  +
Brain, Cerebrum	+  +  +  +
Peripheral Nerve - Sciatic	+  +  +  +
Spinal Cord - Cervical	+  +  +  +
Spinal Cord - Lumbar	+  +  +  +
Spinal Cord Thoracic	+  +  +  +

O	S	
T	B	E
I	S	V
S	E	E
S	R	R
U	V	I
E	E	T
S	D	Y

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUEM : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 72  
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DAYS ON TEST	0   0   0   0	O	S	
	0   0   0   0	T	B	
	1   1   1   1	I	S	
	4   4   4   4	S	E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0   0   0   0	E	E	
MALE	CARCASS ID	3   3   3   3	S	R
		0   0   0   0	R	R
18.5MEAL ACRYL M	27	1   2   3   4	U	V
			E	I
			E	T
			S	D
			Y	I

## Respiratory System

Lung	+ + + +	4	
------	---------	---	--

## Special Senses System

Harderian Gland	+ + + +	4	
-----------------	---------	---	--

+ : TISSUE EXAMINED MICROSCOPICALLY

X : LESION PRESENT BUT NOT QUALIFIED

- : INSUFFICIENT TISSUE

M : MISSING TISSUE

A : AUTOLYSIS PRECLUDES EXAMINATION

BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:

1) MINIMAL 3) MODERATE

2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 73  
DATE: 09/21/2004  
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DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	S	E
MALE	CARCASS ID	3	3	3	R	R
37 MEAL ACRYL M 28	1	1	1	1	U	V
	1	2	3	4	E	T
					S	D
						Y

## Alimentary System

Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	

## Cardiovascular System

Heart	+	+	+	+	4	
-------	---	---	---	---	---	--

## Endocrine System

Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	M	+	+	M	2	
Thyroid Gland	+	+	+	+	4	

## Genital System

Testes	+	+	+	+	4	
--------	---	---	---	---	---	--

## Integumentary System

Mammary Gland	M	M	M	M	0	
Skin	+	+	+	+	4	
Hyperplasia, Epidermis			2		1 2.0	

## Nervous System

Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+: TISSUE EXAMINED MICROSCOPICALLY  
 X: LESION PRESENT BUT NOT QUALIFIED  
 I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 74  
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DAYS ON TEST	0 0 0 0
	0 0 0 0
	1 1 1 1
	4 4 4 4

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0 0 0 0	O   S
MALE	0 0 0 0	T   B   E
CARCASS ID	3 3 3 3	I   S   V
	1 1 1 1	S   E   E
37 MEAL ACRYL M 28	1 2 3 4	S   R   R
		U   V   I
		E   E   T
		S   D   Y

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

: TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
	1	1	1	1	I	S
	4	4	4	4	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	E	V
MALE	CARCASS ID	31	31	31	S	E
		21	21	21	R	I
74 MEAL ACRYL M 29	1	2	3	4	U	V
					E	I
					S	T
					S	Y
<b>Alimentary System</b>						
Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	+	+	+	+	4	
<b>Cardiovascular System</b>						
Heart	+	+	+	+	4	
<b>Endocrine System</b>						
Islets, Pancreatic	+	+	+	+	4	
Parathyroid Gland	+	+	+	+	4	
Thyroid Gland	+	+	+	+	4	
<b>Genital System</b>						
Testes	+	+	+	+	4	
<b>Integumentary System</b>						
Mammary Gland	M	M	M	M	0	
Skin	+	+	+	+	4	
<b>Nervous System</b>						
Brain, Brain Stem	+	+	+	+	4	
Brain, Cerebellum	+	+	+	+	4	
Brain, Cerebrum	+	+	+	+	4	
Peripheral Nerve - Sciatic	+	+	+	+	4	
Spinal Cord - Cervical	+	+	+	+	4	
Spinal Cord - Lumbar	+	+	+	+	4	
Spinal Cord Thoracic	+	+	+	+	4	

+: TISSUE EXAMINED MICROSCOPICALLY  
 X: LESION PRESENT BUT NOT QUALIFIED  
 I: INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 76  
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DAYS ON TEST	0  0  0  0	O S	
	0  0  0  0	T B E	
	1  1  1  1	I S V	
	4  4  4  4	S E E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	S R R	
MALE	CARCASS ID	3  3  3  3	U V I
		2  2  2  2	E E T
74 MEAL ACRYL M 29		1  2  3  4	S D Y

## Respiratory System

Lung	+ + + +	4
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Special Senses System		
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Harderian Gland	+ + + +	4
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 77  
DATE: 09/21/2004  
TIME: 15:09:15.8

DAYS ON TEST	0	0	0	0	O	S
	0	0	0	0	T	B
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	1	1	1	1	I	S
MALE	4	4	4	4	S	E
CARCASS ID	0	0	0	0	E	E
185 MEAL ACRYL M 30	3	3	3	3	S	R
	3	3	3	3	U	V
	1	2	3	4	E	T
					S	D
						Y
Alimentary System						
Liver	+	+	+	+		4
Pancreas	+	+	+	+		4
Stomach, Forestomach	+	+	+	+		4
Stomach, Glandular	+	+	+	+		4
Cardiovascular System						
Heart	+	+	+	+		4
Endocrine System						
Islets, Pancreatic	+	+	+	+		4
Parathyroid Gland	+	+	+	+		4
Thyroid Gland	+	+	+	+		4
Genital System						
Testes	+	+	+	+		4
Integumentary System						
Mammary Gland	M	M	M	M		0
Skin	+	+	+	+		4
Nervous System						
Brain, Brain Stem	+	+	+	+		4
Brain, Cerebellum	+	+	+	+		4
Brain, Cerebrum	+	+	+	+		4
Peripheral Nerve - Sciatic	+	+	+	+		4
Spinal Cord - Cervical	+	+	+	+		4
Spinal Cord - Lumbar	+	+	+	+		4
Spinal Cord Thoracic	+	+	+	+		4
+ : TISSUE EXAMINED MICROSCOPICALLY	M : MISSING TISSUE	1-4 : LESION QUALIFIED AS:				
X : LESION PRESENT BUT NOT QUALIFIED	A : AUTOLYSIS PRECLUDES EXAMINATION	1) MINIMAL	3) MODERATE			
I : INSUFFICIENT TISSUE	BLANK : NOT EXAMINED	2) MILD	4) MARKED			

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 78  
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DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S
T	B
I	S
S	E
S	R
U	V
E	E
S	D

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	
MALE	CARCASS ID	0  0  0  0
		3  3  3  3
		3  3  3  3
185 MEAL ACRYL M	30	1  2  3  4

Y
---

## Respiratory System

Lung	. + + +	4	
Hemorrhage	2	1	2.0

## Special Senses System

Harderian Gland	+ + + +	4	
-----------------	---------	---	--

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

PAGE: 79  
DATE: 09/21/2004  
TIME: 15:09:15.8

DAYS ON TEST	0 0 0 0	O	S
	0 0 0 0	T	B
	1 1 1 1	I	S
	0 0 0 0	S	E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0 0 0 0	S	E
MALE	CARCASS ID	S	R
		U	V
7.03 ACRYL M 37	6 6 6 6	E	T
	1 2 3 4	S	Y
<hr/>			
Alimentary System			
Liver	+ + + +		4
Pancreas	+ + + +		4
Stomach, Forestomach	+ + + +		4
Hyperplasia	2		1 2.0
Stomach, Glandular	+ + + +		4
<hr/>			
Cardiovascular System			
Heart	+ + + +		4
<hr/>			
Endocrine System			
Islets, Pancreatic	+ + + +		4
Parathyroid Gland	M + + +		3
Thyroid Gland	+ + + +		4
<hr/>			
Genital System			
Testes	+ + + +		4
<hr/>			
Integumentary System			
Mammary Gland	M M M M		0
Skin	+ + + +		4
<hr/>			
Nervous System			
Brain, Brain Stem	+ + + +		4
Brain, Cerebellum	+ + + +		4
Brain, Cerebrum	+ + + +		4
Peripheral Nerve - Sciatic	+ M + +		3
Spinal Cord - Cervical	+ + + +		4
Spinal Cord - Lumbar	+ + + +		4
Spinal Cord Thoracic	+ + + +		4

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL    3) MODERATE  
2) MILD        4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 80  
DATE: 09/21/2004  
TIME: 15:09:15.8

DAYS ON TEST	0  0  0  0	O	S	
	0  0  0  0	T	B	
	1  1  1  1	I	S	
	0  0  0  0	S	E	
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	S	R	
MALE	CARCASS ID	0  0  0  0	R	
		6  6  6  6	U	V
7.03 ACRYL M 37	1  2  3  4	E	E	
		S	D	
		Y		

## Respiratory System

Lung	+ + + +	4	
------	---------	---	--

Special Senses System	+ + + +	4	
-----------------------	---------	---	--

Harderian Gland	+ + + +	4	
-----------------	---------	---	--

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

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DAYS ON TEST		0 0 0 0	O S
		0 0 0 0	T B E
		1 1 1 1	I S V
		4 4 4 4	S E E
Mice-C57Bl/6N XC3H/HEN MTN-NCTR		0 0 0 0	S R R
MALE		2 2 2 2	U V I
CARCASS ID		0 0 0 0	E E T
7.03 GLYCID M 39		1 2 3 4	S D Y
<b>Alimentary System</b>			
Liver		+ + + +	4
Pancreas		+ + + +	4
Stomach, Forestomach		+ + + +	4
Stomach, Glandular		+ + + +	4
<b>Cardiovascular System</b>			
Heart		+ + + +	4
<b>Endocrine System</b>			
Islets, Pancreatic		+ + + +	4
Parathyroid Gland		M + + +	3
Thyroid Gland		+ + + +	4
<b>Genital System</b>			
Testes		+ + + +	4
<b>Integumentary System</b>			
Mammary Gland		M M M M	0
Skin		+ + + +	4
<b>Nervous System</b>			
Brain, Brain Stem		+ + + +	4
Brain, Cerebellum		+ + + +	4
Brain, Cerebrum		+ + + +	4
Peripheral Nerve - Sciatic		+ + + +	4
Spinal Cord - Cervical		+ + + M	3
Spinal Cord - Lumbar		+ + + +	4
Spinal Cord Thoracic		+ + + +	4

+: TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

NCTR EXP/TEST: 215002

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4PAGE: 82  
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DAYS ON	0	0	0	0
TEST	0	0	0	0
	1	1	1	1
	4	4	4	4

O	S
T	B
I	S
S	E
S	R
U	V
E	E
S	D

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0
MALE	CARCASS ID	0	0	0
		2	2	2
		0	0	0
7.03 GLYCID	M	39	1	2
			3	4

Y
---

## Respiratory System

Lung	+	+	+	+	4	
------	---	---	---	---	---	--

## Special Senses System

Harderian Gland	+	+	+	+	4	
-----------------	---	---	---	---	---	--

+: TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

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TEST	DAYS ON TEST				O	S
	0	0	0	0	T	B
Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0	0	0	0	I	S
MALE	CARCASS ID	3	3	3	S	E
370 MEAL ACRYL M	41	4	4	4	S	R
		1	2	3	U	V
					E	I
					E	T
					S	D
						Y

  

<b>Alimentary System</b>						
Liver	+	+	+	+		4
Pancreas	+	+	+	+		4
Stomach, Forestomach	+	+	+	+		4
Stomach, Glandular	+	+	+	+		4

  

<b>Cardiovascular System</b>						
Heart	+	+	+	+		4

  

<b>Endocrine System</b>						
Islets, Pancreatic	+	+	+	+		4
Parathyroid Gland	+	+	+	+		4
Thyroid Gland	+	+	+	+		4

  

<b>Genital System</b>						
Testes	+	+	+	+		4

  

<b>Integumentary System</b>						
Mammary Gland	M	M	M	M		0
Skin	+	+	+	+		4

<b>Nervous System</b>						
Brain, Brain Stem	+	+	+	+		4
Brain, Cerebellum	+	+	+	+		4
Brain, Cerebrum	+	+	+	+		4
Peripheral Nerve - Sciatic	+	+	+	+		4
Spinal Cord - Cervical	+	+	+	+		4
Spinal Cord - Lumbar	+	+	+	+		4
Spinal Cord Thoracic	+	+	+	+		4

+ : TISSUE EXAMINED MICROSCOPICALLY  
X : LESION PRESENT BUT NOT QUALIFIED  
I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
A : AUTOLYSIS PRECLUDES EXAMINATION  
BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
1) MINIMAL 3) MODERATE  
2) MILD 4) MARKED

NCTR EXP/TEST: 215002

PAGE: 84  
DATE: 09/21/2004  
TIME: 15:09:15.8INDIVIDUAL ANIMAL NON-TUMOR PATHOLOGY TABLE  
PATHOLOGY REPORT 4

DAYS ON TEST	0  0  0  0
	0  0  0  0
	1  1  1  1
	4  4  4  4

O	S
T	B E
I	S VI
S	E EI
S	R RI
U	V I
E	E TI
S	D Y

Mice-C57Bl/6N XC3H/HEN MTN-NCTR	0  0  0  0	
MALE	CARCASS ID	0  0  0  0
		3  3  3  3
		4  4  4  4
370 MEAL ACRYL M	41	1  2  3  4

## Respiratory System

Lung	+ + + +	4
------	---------	---

## Special Senses System

Harderian Gland	+ + + +	4
-----------------	---------	---

+ : TISSUE EXAMINED MICROSCOPICALLY  
 X : LESION PRESENT BUT NOT QUALIFIED  
 I : INSUFFICIENT TISSUE

M : MISSING TISSUE  
 A : AUTOLYSIS PRECLUDES EXAMINATION  
 BLANK : NOT EXAMINED

1-4 : LESION QUALIFIED AS:  
 1) MINIMAL 3) MODERATE  
 2) MILD 4) MARKED