

**Experiment Number:** 20313 - 02  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
Acrylamide  
**CAS Number:** 79-06-1

**Date Report Requested:** 09/21/2016  
**Time Report Requested:** 11:18:09  
**First Dose M/F:** 07/12/04 / 07/12/04  
**Lab:** NCTR

**NTP Study Number:** C20313  
**Lock Date:** 03/06/2013  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

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 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0
	<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	9	9	9	9	9	9	9
<b>MICE MALE</b>	9	9	9	9	9	9	9	9
ANIMAL ID	0	0	0	0	0	0	0	0
<b>Control</b>	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	5	5	5	5	6	6	6	6
	1	2	3	4	1	2	3	4
								<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	<b>8</b>
Gallbladder	+	+	+	+	+	M	+	+	<b>7</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	<b>8</b>
Liver	+	+	+	+	+	+	+	+	<b>8</b>
Tension Lipidosis			2						<b>1 2.0</b>
Pancreas	+	+	+	+	+	+	+	+	<b>8</b>
Salivary Glands	+	+	+	+	+	+	+	+	<b>8</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	<b>8</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	<b>8</b>
Tongue	+	+	+	+	+	+	+	+	<b>8</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

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 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0
	<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	0	0	0	0	0	0	0
<b>MICE MALE</b>	9	9	9	9	9	9	9	9
<b>Control</b>	9	9	9	9	9	9	9	9
ANIMAL ID	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	5	5	5	5	6	6	6	6
	1	2	3	4	1	2	3	4
								<b>* TOTALS</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	<b>8</b>
Heart	+	+	+	+	+	+	+	+	<b>8</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	<b>8</b>	
Subcapsular, Hyperplasia			1	1			1			<b>3 1.0</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	<b>8</b>	
Islets, Pancreatic	+	+	+	+	+	+	+	+	<b>8</b>	
Parathyroid Gland	+	+	+	+	+	+	+	+	<b>8</b>	
Pituitary Gland	M	+	+	+	+	+	+	+	<b>7</b>	
Thyroid Gland	+	+	+	+	+	+	+	+	<b>8</b>	

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	<b>8</b>
Preputial Gland	+	+	+	+	+	+	+	+	<b>8</b>

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 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE Control	DAY ON TEST								ANIMAL ID								
	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9									
	0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4									
												<b>* TOTALS</b>					
Cyst									3	3		2 3.0					
Prostate									+	+	+	+	+	+	+	8	
Seminal Vesicle									+	+	+	+	+	+	+	8	
Testes									+	+	+	+	+	+	+	8	
<b>HEMATOPOIETIC SYSTEM</b>																	
Bone Marrow									+	+	+	+	+	+	+	8	
Lymph Node, Mandibular									+	+	M	M	+	+	+	6	
Lymph Node, Mesenteric									+	+	+	+	+	+	+	8	
Spleen									+	+	+	+	+	+	+	8	
Thymus									+	+	+	+	+	+	+	8	
<b>INTEGUMENTARY SYSTEM</b>																	
Mammary Gland									M	M	M	+	M	+	M	M	2
Skin									+	+	+	+	+	+	+	8	
<b>MUSCULOSKELETAL SYSTEM</b>																	
Bone, Femur									+	+	+	+	+	+	+	8	
Skeletal Muscle									+	+	+	+	+	+	+	8	

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DAY ON TEST	0	0	0	0	0	0	0	0
	<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	0	0	0	0	0	0	0
<b>MICE MALE</b>	9	9	9	9	9	9	9	9
<b>Control</b>	9	9	9	9	9	9	9	9
ANIMAL ID	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	5	5	5	5	6	6	6	6
	1	2	3	4	1	2	3	4
								<b>* TOTALS</b>

**NERVOUS SYSTEM**

Brain, Brain Stem	+	+	+	+	+	+	+	+	<b>8</b>
Brain, Cerebellum	+	+	+	+	+	+	+	+	<b>8</b>
Brain, Cerebrum	+	+	+	+	+	+	+	+	<b>8</b>
Peripheral Nerve	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	<b>8</b>

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	<b>8</b>
Nose	+	+	+	+	+	+	+	+	<b>8</b>
Trachea	+	+	+	+	+	+	+	+	<b>8</b>

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	<b>8</b>
Harderian Gland	+	+	+	+	+	+	+	+	<b>8</b>

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<b>C57BL/6N XC3H/HEN MTV-NCTR</b> <b>MICE MALE</b> <b>Control</b>	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	
		9	9	9	9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0		
		0	0	0	0	0	0	0		
		5	5	5	5	6	6	6		
		1	2	3	4	1	2	3	4	
<b>* TOTALS</b>										

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	<b>8</b>
Urinary Bladder	+	+	+	+	+	+	+	+	<b>8</b>

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 Lab: NCTR

<b>C57BL/6N XC3H/HEN MTV-NCTR</b> <b>MICE MALE</b> <b>25 ug/ml</b>	DAY ON TEST	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9
		9	9	9	9	9	9	9	9
	ANIMAL ID	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1
		3	3	3	3	4	4	4	4
		1	2	3	4	1	2	3	4

**\* TOTALS**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

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 + .. Tissue examined microscopically  
 X .. Lesion present  
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1-4 .. Lesion qualified as:  
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 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 50 ug/ml	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	
		9	9	9	9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0		
		1	1	1	1	1	1	1		
		7	7	7	7	8	8	8		
		1	2	3	4	1	2	3		
<b>* TOTALS</b>										

**NERVOUS SYSTEM**

Peripheral Nerve + + + + + + + +

**8**

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically M .. Missing tissue  
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1-4 .. Lesion qualified as:  
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 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

<b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	
		9	9	9	9	9	9	9	9	
<b>100 ug/ml</b>	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		0	0	0	0	1	1	1	1	
		9	9	9	9	0	0	0	0	
		1	2	3	4	1	2	3	4	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Testes + + + + + + + +

**8**

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

Skeletal Muscle + + + + + + + +

**8**

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 Lab: NCTR

<b>C57BL/6N XC3H/HEN MTV-NCTR</b> <b>MICE MALE</b> <b>100 ug/ml</b>	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	
		9	9	9	9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0		
		0	0	0	1	1	1	1		
		9	9	9	9	0	0	0		
		1	2	3	4	1	2	3	4	
<b>* TOTALS</b>										

**NERVOUS SYSTEM**

Peripheral Nerve	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	<b>8</b>

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 250 ug/ml	DAY ON TEST								ANIMAL ID
	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	
	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	
	1 1	1 2	1 3	1 4	2 1	2 2	2 3	2 4	
	<b>* TOTALS</b>								

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	<b>8</b>
Gallbladder	+	+	+	+	+	+	+	M	<b>7</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	<b>8</b>
Liver	+	+	+	+	+	+	+	+	<b>8</b>
Inflammation, Chronic Active							1		<b>1 1.0</b>
Tension Lipidosis		2							<b>1 2.0</b>
Pancreas	+	+	+	+	+	+	+	+	<b>8</b>
Salivary Glands	+	+	+	+	+	+	+	+	<b>8</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	<b>8</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	<b>8</b>

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 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 250 ug/ml	DAY ON TEST								ANIMAL ID	
	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9		
	0 0 0 1 1	0 0 0 1 2	0 0 0 1 3	0 0 0 1 4	0 0 0 2 1	0 0 0 2 2	0 0 0 2 3	0 0 0 2 4		<b>* TOTALS</b>
Tongue	+	+	+	+	+	+	+	+		<b>8</b>
<b>CARDIOVASCULAR SYSTEM</b>										
Blood Vessel	+	+	+	+	+	+	+	+		<b>8</b>
Heart	+	+	+	+	+	+	+	+		<b>8</b>
<b>ENDOCRINE SYSTEM</b>										
Adrenal Cortex	+	+	+	+	+	+	+	+		<b>8</b>
Adrenal Medulla	+	+	+	+	+	+	+	+		<b>8</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+		<b>8</b>
Parathyroid Gland	+	+	M	+	+	+	+	+		<b>7</b>
Pituitary Gland	+	+	+	M	+	+	+	+		<b>7</b>
Thyroid Gland	+	+	+	+	+	+	+	+		<b>8</b>
<b>GENERAL BODY SYSTEM</b>										
NONE										
<b>GENITAL SYSTEM</b>										
Epididymis	+	+	+	+	+	+	+	+		<b>8</b>

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 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 11:18:09  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 250 ug/ml	DAY ON TEST								ANIMAL ID		
	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9			
	0 0 0 1 1	0 0 0 1 2	0 0 0 1 3	0 0 0 1 4	0 0 0 2 1	0 0 0 2 2	0 0 0 2 3	0 0 0 2 4			
										<b>* TOTALS</b>	
Preputial Gland	+ + + + + + + +										<b>8</b>
Prostate	+ + + + + + + +										<b>8</b>
Seminal Vesicle	+ + + + + + + +										<b>8</b>
Testes	+ + + + + + + +										<b>8</b>
Germinal Epithelium, Degeneration	2	1	1	1	2			1			<b>6 1.3</b>
<b>HEMATOPOIETIC SYSTEM</b>											
Bone Marrow	+ + + + + + + +										<b>8</b>
Lymph Node, Mandibular	M	+	+	+	+	+	+	+			<b>7</b>
Lymph Node, Mesenteric	+ + + + + + + +										<b>8</b>
Spleen	+ + + + + + + +										<b>8</b>
Thymus	+ + + + + + + +										<b>8</b>
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	M	M	M	M	M	M	M	M			<b>0</b>
Skin	+ + + + + + + +										<b>8</b>
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone, Femur	+ + + + + + + +										<b>8</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 20313 - 02  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 11:18:09  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 250 ug/ml	DAY ON TEST								ANIMAL ID	
	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9		
	0 0 0 1 1	0 0 0 1 2	0 0 0 1 3	0 0 0 1 4	0 0 0 2 1	0 0 0 2 2	0 0 0 2 3	0 0 0 2 4		
<b>* TOTALS</b>										

Skeletal Muscle Atrophy	+	+	+	+	+	+	+	+	<b>8</b>
	2			1			1		<b>3 1.3</b>

**NERVOUS SYSTEM**

Brain, Brain Stem	+	+	+	+	+	+	+	+	<b>8</b>
Brain, Cerebellum	+	+	+	+	+	+	+	+	<b>8</b>
Brain, Cerebrum	+	+	+	+	+	+	+	+	<b>8</b>
Peripheral Nerve Axon, Degeneration	+	+	+	+	+	+	+	+	<b>8</b>
	1	1	1	1	1	1	1	1	<b>8 1.0</b>
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Lumbar Axon, Degeneration	+	+	+	+	+	+	+	+	<b>8</b>
	1	1	1	1	1	1	1	1	<b>8 1.0</b>
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	<b>8</b>

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	<b>8</b>
Nose	+	+	+	+	+	+	+	+	<b>8</b>
Trachea	+	+	+	+	+	+	+	+	<b>8</b>

**SPECIAL SENSES SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 X .. Lesion present  
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 M .. Missing tissue  
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 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



Experiment Number: 20313 - 02  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 11:18:09  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 250 ug/ml	DAY ON TEST								ANIMAL ID		
	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9	0 9 9			
	0 0 0 1 1	0 0 0 1 2	0 0 0 1 3	0 0 0 1 4	0 0 0 2 1	0 0 0 2 2	0 0 0 2 3	0 0 0 2 4			
											<b>* TOTALS</b>
Eye	+ + + + + + + +										<b>8</b>
Harderian Gland	+ + + + + + + +										<b>8</b>
<b>URINARY SYSTEM</b>											
Kidney	+ + + + + + + +										<b>8</b>
Urinary Bladder Lumen, Dilatation	+ + + + + + + + 4 4 4 3 4 4 4 4										<b>8</b> <b>8 3.9</b>

\*\*\* END OF MALE DATA \*\*\*

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 20313 - 02  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 11:18:09  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0
	<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	1	1	1	1	1	1	1
<b>MICE FEMALE</b>	0	0	0	0	0	0	0	0
<b>Control</b>	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	7	7	7	7	8	8	8	8
	1	2	3	4	1	2	3	4
								<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	<b>8</b>
Gallbladder	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	<b>8</b>
Liver	+	+	+	+	+	+	+	+	<b>8</b>
Pancreas	+	+	+	+	+	+	+	+	<b>8</b>
Salivary Glands	+	+	+	+	+	+	+	+	<b>8</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	<b>8</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	<b>8</b>
Tongue	+	+	+	+	+	+	+	+	<b>8</b>

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 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue  
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 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 20313 - 02  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Acrylamide  
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Date Report Requested: 09/21/2016  
 Time Report Requested: 11:18:09  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0
	<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	1	1	1	1	1	1	1
<b>MICE FEMALE</b>	0	0	0	0	0	0	0	0
<b>Control</b>	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	7	7	7	7	8	8	8	8
	1	2	3	4	1	2	3	4
								<b>* TOTALS</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	<b>8</b>
Heart	+	+	+	+	+	+	+	+	<b>8</b>
Mineralization							1		<b>1 1.0</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	<b>8</b>
Subcapsular, Hyperplasia	1	1	1	1	1	1	1	1	<b>8 1.0</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	<b>8</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	<b>8</b>
Parathyroid Gland	+	+	+	M	+	+	+	+	<b>7</b>
Pituitary Gland	+	+	+	+	+	+	+	+	<b>8</b>
Thyroid Gland	+	+	+	+	+	+	+	+	<b>8</b>

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	M	+	+	+	+	<b>7</b>
----------------	---	---	---	---	---	---	---	---	----------

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 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked





Experiment Number: 20313 - 02  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Acrylamide  
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Date Report Requested: 09/21/2016  
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 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE Control	DAY ON TEST								* TOTALS
	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	
ANIMAL ID	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
	7	7	7	7	8	8	8	8	
	1	2	3	4	1	2	3	4	
Kidney	+	+	+	+	+	+	+	+	8
Urinary Bladder	+	+	+	+	+	+	+	+	8

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 X .. Lesion present  
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 M .. Missing tissue  
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 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
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Experiment Number: 20313 - 02  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Acrylamide  
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Date Report Requested: 09/21/2016  
 Time Report Requested: 11:18:09  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	
	<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	1	1	1	1	1	1	1	1
<b>MICE FEMALE</b>	0	0	0	0	0	0	0	0	
<b>25 ug/ml</b>	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	
	5	5	5	5	6	6	6	6	
	1	2	3	4	1	2	3	4	
<b>* TOTALS</b>									

**ALIMENTARY SYSTEM**

Liver	+	1	
Mineralization	1		1 1.0

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Ovary	+	1	
Cyst	X		1

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

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 + .. Tissue examined microscopically  
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 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
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Experiment Number: 20313 - 02  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 11:18:09  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

<b>C57BL/6N XC3H/HEN MTV-NCTR</b> <b>MICE FEMALE</b> <b>25 ug/ml</b>	DAY ON TEST	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0		
		1	1	1	1	1	1	1		
		5	5	5	5	6	6	6		
		1	2	3	4	1	2	3		
<b>* TOTALS</b>										

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked





Experiment Number: 20313 - 02  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Acrylamide  
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Date Report Requested: 09/21/2016  
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 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE 50 ug/ml	DAY ON TEST	0	0	0	0	0	0	0	0	ANIMAL ID		
		1	1	1	1	1	1	1	1			
		0	0	0	0	0	0	0	0			
		0	0	0	0	0	0	0	0			
		0	0	0	0	0	0	0	0			
		0	0	0	0	0	0	0	0			
		1	1	1	1	2	2	2	2			
		9	9	9	9	0	0	0	0			
		1	2	3	4	1	2	3	4			
												<b>* TOTALS</b>
Skeletal Muscle		+	+	+	+	+	+	+	+			<b>8</b>
<b>NERVOUS SYSTEM</b>												
Peripheral Nerve		+	+	+	+	+	+	+	+			<b>8</b>
<b>RESPIRATORY SYSTEM</b>												
NONE												
<b>SPECIAL SENSES SYSTEM</b>												
Eye						+						<b>1</b>
Lens, Developmental Malformation						X						<b>1</b>
<b>URINARY SYSTEM</b>												
NONE												

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 + .. Tissue examined microscopically  
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 2) Mild 4) Marked

Experiment Number: 20313 - 02  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
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 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

<b>C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
<b>100 ug/ml</b>	ANIMAL ID	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0		
		1	1	1	1	1	1	1		
		1	1	1	1	2	2	2		
		1	2	3	4	1	2	3	4	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Ovary

+ + + + + + + +

8

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

Skin

+

1

**MUSCULOSKELETAL SYSTEM**

Skeletal Muscle

+ + + + + + + +

8

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 + .. Tissue examined microscopically  
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1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 20313 - 02  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Acrylamide  
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Date Report Requested: 09/21/2016  
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 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

<b>C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE 100 ug/ml</b>	DAY ON TEST	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0		
		1	1	1	1	1	1	1		
		1	1	1	1	2	2	2		
		1	2	3	4	1	2	3	4	
<b>* TOTALS</b>										

**NERVOUS SYSTEM**

Peripheral Nerve	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	<b>8</b>
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	<b>8</b>

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

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 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue  
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 A .. Autolysis precludes evaluation  
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1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 20313 - 02  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Acrylamide  
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Date Report Requested: 09/21/2016  
 Time Report Requested: 11:18:09  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0
	<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	1	1	1	1	1	1	1
<b>MICE FEMALE</b>	0	0	0	0	0	0	0	0
<b>250 ug/ml</b>	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	3	3	3	3	4	4	4	4
	1	2	3	4	1	2	3	4
								<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	<b>8</b>
Gallbladder	+	+	+	+	M	+	+	+	<b>7</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	<b>8</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	<b>8</b>
Liver	+	+	+	+	+	+	+	+	<b>8</b>
Tension Lipidosis	2								<b>1 2.0</b>
Pancreas	+	+	+	+	+	+	+	+	<b>8</b>
Salivary Glands	+	+	+	+	+	+	+	+	<b>8</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	<b>8</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	<b>8</b>
Tongue	+	+	+	+	+	+	+	+	<b>8</b>

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1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 20313 - 02  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 11:18:09  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1
<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	0	0	0	0	0	0	0	0
<b>MICE FEMALE</b>	0	0	0	0	0	0	0	0
<b>250 ug/ml</b>	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	3	3	3	3	4	4	4	4
	1	2	3	4	1	2	3	4
								<b>* TOTALS</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	M	+	+	+	+	+	+	<b>7</b>
Heart	+	+	+	+	+	+	+	+	<b>8</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	<b>8</b>	
Subcapsular, Hyperplasia	1	1	1	1	1	1	1	2		<b>8 1.1</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	<b>8</b>	
Islets, Pancreatic	+	+	+	+	+	+	+	+	<b>8</b>	
Parathyroid Gland	+	+	M	+	+	+	+	+	<b>7</b>	
Pituitary Gland	M	+	+	+	+	+	+	+	<b>7</b>	
Thyroid Gland	+	+	M	+	+	+	+	+	<b>7</b>	

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	<b>8</b>
Ovary	+	+	+	+	+	+	+	+	<b>8</b>

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C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE 250 ug/ml	DAY ON TEST								ANIMAL ID		
	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1			
	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0			
	3	3	3	3	4	4	4	4			
	1	2	3	4	1	2	3	4			
	<b>* TOTALS</b>										
Anestrus	X	X	X	X		X		X			<b>6</b>
Uterus	+	+	+	+	+	+	+	+			<b>8</b>
<b>HEMATOPOIETIC SYSTEM</b>											
Bone Marrow	+	+	+	+	+	+	+	+			<b>8</b>
Lymph Node, Mandibular	M	+	+	+	+	+	+	+			<b>7</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+			<b>8</b>
Spleen	+	+	+	+	+	+	+	+			<b>8</b>
Thymus	+	+	+	+	+	+	+	+			<b>8</b>
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	+	+	+	+	+	+			<b>8</b>
Skin	+	+	+	+	+	+	+	+			<b>8</b>
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone, Femur	+	+	+	+	+	+	+	+			<b>8</b>
Skeletal Muscle Atrophy	+	+	+	+	+	+	+	+			<b>8</b>
		1			1	2	1	1			<b>5 1.2</b>
<b>NERVOUS SYSTEM</b>											

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C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE 250 ug/ml	DAY ON TEST								ANIMAL ID					
	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1						
	0	0	0	0	0	0	0	0	0					
	0	0	0	0	0	0	0	0	0					
	0	0	0	0	0	0	0	0	0					
	3	3	3	3	4	4	4	4	3					
	1	2	3	4	1	2	3	4	4					
	<b>* TOTALS</b>													
Brain, Brain Stem	+	+	+	+	+	+	+	+				<b>8</b>		
Brain, Cerebellum	+	+	+	+	+	+	+	+				<b>8</b>		
Brain, Cerebrum	+	+	+	+	+	+	+	+				<b>8</b>		
Peripheral Nerve Axon, Degeneration	+	+	+	+	+	+	+	+	1	1	1	2	<b>8</b>	<b>8 1.4</b>
Spinal Cord, Cervical	+	+	+	+	+	+	+	+				<b>8</b>		
Spinal Cord, Lumbar Axon, Degeneration	+	+	+	+	+	+	+	+	1	1	1	1	<b>8</b>	<b>7 1.0</b>
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+				<b>8</b>		
<b>RESPIRATORY SYSTEM</b>														
Lung	+	+	+	+	+	+	+	+				<b>8</b>		
Nose	+	+	+	+	+	+	+	+				<b>8</b>		
Trachea	+	+	+	+	+	+	+	+				<b>8</b>		
<b>SPECIAL SENSES SYSTEM</b>														
Eye	+	+	+	+	+	+	+	+				<b>8</b>		
Harderian Gland	+	+	+	+	+	+	+	+				<b>8</b>		

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C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE 250 ug/ml	DAY ON TEST	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0		
		0	0	0	0	0	0	0		
		3	3	3	3	4	4	4		
		1	2	3	4	1	2	3		
<b>* TOTALS</b>										

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	<b>8</b>
Urinary Bladder	+	+	+	+	+	+	+	+	<b>8</b>
Lumen, Dilatation	2			4	2		3		<b>4 2.8</b>

\*\*\* END OF REPORT \*\*\*

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