

Experiment Number: 20313 - 04

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 09/20/2016

Test Type: 90-DAY

Acrylamide

Time Report Requested: 15:03:10

Route: DOSED FEED

CAS Number: 79-06-1

First Dose M/F: 08/02/04 / 08/02/04

Species/Strain: MICE/B6C3F1/NCTR

Lab: NCTR

NTP Study Number: C20313B
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

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Feed M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM AcryL M	185 PPM Acryl M	370 PPM Acryl M
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Disposition Summary

Animals Initially In Study	8	8	8	8	8	8
Early Deaths						
Accidentally Killed		1				
Natural Death					1	1
Survivors						
Terminal Sacrifice	8	7	8	8	7	7
Animals Examined Microscopically	8	1		2	8	8

ALIMENTARY SYSTEM

Esophagus	(8)	(0)	(0)	(0)	(1)	(7)
Gallbladder	(8)	(0)	(0)	(0)	(1)	(7)
Intestine Large, Cecum	(8)	(0)	(0)	(0)	(1)	(7)
Intestine Large, Colon	(8)	(0)	(0)	(0)	(1)	(7)
Intestine Large, Rectum	(8)	(0)	(0)	(0)	(1)	(7)
Intestine Small, Duodenum	(8)	(0)	(0)	(0)	(1)	(7)
Intestine Small, Ileum	(8)	(0)	(0)	(0)	(1)	(7)
Intestine Small, Jejunum	(8)	(0)	(0)	(0)	(1)	(7)
Liver	(8)	(0)	(0)	(0)	(1)	(7)
Pancreas	(8)	(0)	(0)	(0)	(1)	(7)
Salivary Glands	(8)	(0)	(0)	(0)	(1)	(7)
Stomach, Forestomach	(8)	(0)	(0)	(0)	(1)	(7)
Stomach, Glandular	(8)	(0)	(0)	(0)	(1)	(7)
Tongue	(8)	(0)	(0)	(0)	(1)	(8)

CARDIOVASCULAR SYSTEM

Blood Vessel	(8)	(0)	(0)	(0)	(1)	(7)
Heart	(8)	(0)	(0)	(0)	(1)	(8)

ENDOCRINE SYSTEM

Adrenal Cortex	(8)	(0)	(0)	(0)	(1)	(7)
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a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

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Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Feed M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM AcryL M	185 PPM Acryl M	370 PPM Acryl M
Adrenal Medulla	(8)	(0)	(0)	(0)	(1)	(7)
Islets, Pancreatic	(8)	(0)	(0)	(0)	(1)	(7)
Parathyroid Gland	(5)	(0)	(0)	(0)	(0)	(6)
Pituitary Gland	(8)	(0)	(0)	(0)	(1)	(7)
Thyroid Gland	(8)	(0)	(0)	(0)	(1)	(7)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Epididymis	(8)	(0)	(0)	(0)	(1)	(7)
Hypospermia						3 [2.7]
Preputial Gland	(8)	(0)	(0)	(0)	(1)	(7)
Prostate	(6)	(0)	(0)	(0)	(1)	(6)
Seminal Vesicle	(8)	(0)	(0)	(0)	(1)	(7)
Testes	(8)	(0)	(0)	(0)	(8)	(7)
Germinal Epithelium, Degeneration						7 [2.1]

HEMATOPOIETIC SYSTEM

Bone Marrow	(8)	(0)	(0)	(0)	(1)	(7)
Lymph Node, Mandibular	(8)	(0)	(0)	(0)	(1)	(7)
Lymph Node, Mesenteric	(8)	(0)	(0)	(0)	(1)	(7)
Spleen	(8)	(0)	(0)	(1)	(1)	(7)
Hyperplasia, Lymphoid	3 [2.0]					
Thymus	(8)	(0)	(0)	(0)	(1)	(7)

INTEGUMENTARY SYSTEM

Skin	(8)	(0)	(0)	(0)	(1)	(8)
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MUSCULOSKELETAL SYSTEM						
Bone, Femur	(8)	(0)	(0)	(0)	(1)	(8)
Skeletal Muscle	(8)	(0)	(0)	(0)	(8)	(7)
Atrophy						7 [1.3]
NERVOUS SYSTEM						
Brain, Brain Stem	(8)	(0)	(0)	(0)	(1)	(7)
Brain, Cerebellum	(8)	(0)	(0)	(0)	(1)	(7)
Brain, Cerebrum	(8)	(0)	(0)	(1)	(1)	(7)
Peripheral Nerve	(8)	(0)	(0)	(0)	(8)	(7)
Axon, Degeneration						5 [1.2]
Spinal Cord, Cervical	(8)	(0)	(0)	(0)	(8)	(7)
Spinal Cord, Lumbar	(8)	(0)	(0)	(0)	(8)	(7)
Axon, Degeneration						2 [1.0]
Spinal Cord, Thoracic	(8)	(0)	(0)	(0)	(8)	(7)
RESPIRATORY SYSTEM						
Lung	(8)	(0)	(0)	(0)	(1)	(7)
Nose	(8)	(0)	(0)	(0)	(1)	(7)
Trachea	(8)	(0)	(0)	(0)	(1)	(7)
SPECIAL SENSES SYSTEM						
Eye	(8)	(0)	(0)	(0)	(1)	(7)
Harderian Gland	(8)	(0)	(0)	(0)	(1)	(7)
URINARY SYSTEM						
Kidney	(8)	(0)	(0)	(0)	(1)	(7)
Urinary Bladder	(8)	(0)	(0)	(0)	(1)	(7)

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

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First Dose M/F: 08/02/04 / 08/02/04

Species/Strain: MICE/B6C3F1/NCTR

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	Control Feed M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM AcryL M	185 PPM Acryl M	370 PPM Acryl M
Lumen, Dilatation						7 [4.0]

*** END OF MALE ***

a - Number of animals examined microscopically at site and number of animals with lesion
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Species/Strain: MICE/B6C3F1/NCTR

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	Control Feed F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F	370 PPM Acryl F
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Disposition Summary

Animals Initially In Study	8	8	8	8	8	8
Early Deaths						
Survivors						
Terminal Sacrifice	8	8	8	8	8	8
Animals Examined Microscopically	8				8	8

ALIMENTARY SYSTEM

Esophagus	(8)	(0)	(0)	(0)	(0)	(8)
Gallbladder	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Large, Cecum	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Large, Colon	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Large, Rectum	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Small, Duodenum	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Small, Ileum	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Small, Jejunum	(8)	(0)	(0)	(0)	(0)	(8)
Liver	(8)	(0)	(0)	(0)	(0)	(8)
Pancreas	(8)	(0)	(0)	(0)	(0)	(8)
Salivary Glands	(8)	(0)	(0)	(0)	(0)	(8)
Stomach, Forestomach	(8)	(0)	(0)	(0)	(0)	(8)
Stomach, Glandular	(8)	(0)	(0)	(0)	(0)	(8)
Tongue	(8)	(0)	(0)	(0)	(0)	(8)

CARDIOVASCULAR SYSTEM

Blood Vessel	(8)	(0)	(0)	(0)	(0)	(6)
Heart	(8)	(0)	(0)	(0)	(0)	(8)

ENDOCRINE SYSTEM

Adrenal Cortex	(8)	(0)	(0)	(0)	(0)	(8)
Accessory Adrenal Cortical Nodule						1
Subcapsular, Hyperplasia	5 [1.0]					2 [1.0]

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Adrenal Medulla	(7)	(0)	(0)	(0)	(0)	(8)
Islets, Pancreatic	(8)	(0)	(0)	(0)	(0)	(8)
Parathyroid Gland	(5)	(0)	(0)	(0)	(0)	(7)
Pituitary Gland	(8)	(0)	(0)	(0)	(0)	(8)
Thyroid Gland	(7)	(0)	(0)	(0)	(0)	(8)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Clitoral Gland	(8)	(0)	(0)	(0)	(0)	(8)
Ovary	(8)	(0)	(0)	(0)	(8)	(8)
Anestrus						8
Cyst						1 [2.0]
Uterus	(8)	(0)	(0)	(0)	(0)	(8)

HEMATOPOIETIC SYSTEM

Bone Marrow	(8)	(0)	(0)	(0)	(0)	(8)
Lymph Node, Mandibular	(8)	(0)	(0)	(0)	(0)	(8)
Hyperplasia, Lymphoid						1 [1.0]
Lymph Node, Mesenteric	(8)	(0)	(0)	(0)	(0)	(8)
Hyperplasia, Lymphoid						1 [1.0]
Spleen	(8)	(0)	(0)	(0)	(0)	(8)
Hyperplasia, Lymphoid	5 [2.2]					1 [2.0]
Thymus	(8)	(0)	(0)	(0)	(0)	(8)

INTEGUMENTARY SYSTEM

Mammary Gland	(8)	(0)	(0)	(0)	(0)	(8)
Skin	(8)	(0)	(0)	(0)	(0)	(8)

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MUSCULOSKELETAL SYSTEM

Bone, Femur	(8)	(0)	(0)	(0)	(0)	(8)
Skeletal Muscle	(8)	(0)	(0)	(0)	(8)	(8)
Atrophy						7 [2.0]

NERVOUS SYSTEM

Brain, Brain Stem	(8)	(0)	(0)	(0)	(0)	(8)
Brain, Cerebellum	(8)	(0)	(0)	(0)	(0)	(8)
Brain, Cerebrum	(8)	(0)	(0)	(0)	(0)	(8)
Peripheral Nerve	(8)	(0)	(0)	(0)	(8)	(7)
Axon, Degeneration					1 [1.0]	7 [1.9]
Spinal Cord, Cervical	(8)	(0)	(0)	(0)	(8)	(8)
Spinal Cord, Lumbar	(8)	(0)	(0)	(0)	(8)	(8)
Spinal Cord, Thoracic	(8)	(0)	(0)	(0)	(8)	(8)

RESPIRATORY SYSTEM

Lung	(8)	(0)	(0)	(0)	(0)	(8)
Nose	(8)	(0)	(0)	(0)	(0)	(8)
Trachea	(8)	(0)	(0)	(0)	(0)	(8)

SPECIAL SENSES SYSTEM

Eye	(8)	(0)	(0)	(0)	(0)	(8)
Harderian Gland	(8)	(0)	(0)	(0)	(0)	(8)

URINARY SYSTEM

Kidney	(8)	(0)	(0)	(0)	(0)	(8)
Urinary Bladder	(8)	(0)	(0)	(0)	(0)	(8)

a - Number of animals examined microscopically at site and number of animals with lesion

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Lumen, Dilatation						7 [3.3]

*** END OF REPORT ***

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b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)