

**Experiment Number:** 20313 - 01

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

**Date Report Requested:** 09/21/2016

**Test Type:** 90-DAY

Acrylamide

**Time Report Requested:** 15:04:22

**Route:** DOSED WATER

**CAS Number:** 79-06-1

**First Dose M/F:** 07/12/04 / 07/12/04

**Species/Strain:** RATS/F 344/NCTR

**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

Test Type: 90-DAY

Acrylamide

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CAS Number: 79-06-1

First Dose M/F: 07/12/04 / 07/12/04

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
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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	8	8	8

## ALIMENTARY SYSTEM

Esophagus	(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)	(1)	(0)	(1)	(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)	(8)
Heart	(8)	(0)	(0)	(0)	(0)	(8)

## ENDOCRINE SYSTEM

Adrenal Cortex	(8)	(0)	(0)	(0)	(0)	(8)
Adrenal Medulla	(8)	(0)	(0)	(0)	(0)	(8)
Islets, Pancreatic	(8)	(0)	(0)	(0)	(0)	(8)
Parathyroid Gland	(8)	(0)	(0)	(0)	(0)	(8)

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

Test Type: 90-DAY

Acrylamide

Time Report Requested: 15:04:22

Route: DOSED WATER

CAS Number: 79-06-1

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Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Pituitary Gland	(8)	(0)	(0)	(0)	(0)	(8)
Thyroid Gland	(8)	(0)	(0)	(0)	(0)	(8)

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

Epididymis	(8)	(0)	(8)	(8)	(8)	(8)
Preputial Gland	(8)	(0)	(1)	(0)	(1)	(8)
Prostate	(8)	(0)	(0)	(0)	(0)	(8)
Seminal Vesicle	(8)	(0)	(0)	(0)	(0)	(8)
Testes	(8)	(0)	(8)	(8)	(8)	(8)

## HEMATOPOIETIC SYSTEM

Bone Marrow	(8)	(0)	(0)	(0)	(8)	(8)
Lymph Node, Mandibular	(8)	(0)	(0)	(0)	(0)	(8)
Lymph Node, Mesenteric	(8)	(0)	(0)	(0)	(0)	(8)
Spleen	(8)	(0)	(0)	(0)	(8)	(8)
Thymus	(8)	(0)	(0)	(0)	(0)	(8)

## INTEGUMENTARY SYSTEM

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

## MUSCULOSKELETAL SYSTEM

Bone, Femur	(8)	(0)	(0)	(0)	(0)	(8)
Skeletal Muscle	(8)	(0)	(0)	(0)	(8)	(8)

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Acrylamide

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Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
<b>NERVOUS SYSTEM</b>						
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)	(8)
Spinal Cord, Cervical	(8)	(0)	(0)	(0)	(0)	(8)
Spinal Cord, Lumbar	(8)	(0)	(0)	(0)	(0)	(8)
Spinal Cord, Thoracic	(8)	(0)	(0)	(0)	(0)	(8)
<b>RESPIRATORY SYSTEM</b>						
Lung	(8)	(0)	(0)	(0)	(0)	(8)
Nose	(8)	(0)	(0)	(0)	(0)	(8)
Trachea	(8)	(0)	(0)	(0)	(0)	(8)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(8)	(0)	(0)	(0)	(0)	(8)
Harderian Gland	(8)	(0)	(0)	(0)	(0)	(8)
<b>URINARY SYSTEM</b>						
Kidney	(8)	(0)	(0)	(1)	(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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**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)**

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Route: DOSED WATER

CAS Number: 79-06-1

First Dose M/F: 07/12/04 / 07/12/04

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

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FISCHER 344 RATS-NCTR RATS MALE

CONTROL

10 UG/ML

25 UG/ML

50 UG/ML

100 UG/ML

250 UG/ML

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## Tumor Summary for Males

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms

Uncertain Primary Site

Total Animals with Neoplasms Uncertain-

Benign or Malignant

Total Uncertain Neoplasms

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

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

b - Primary tumors: all tumors except metastatic tumors

Test Type: 90-DAY

Acrylamide

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CAS Number: 79-06-1

First Dose M/F: 07/12/04 / 07/12/04

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS FEMALE	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
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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	3	3	1	8	8

## ALIMENTARY SYSTEM

Esophagus	(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)	(1)	(3)	(0)	(0)	(8)
Mesentery	(0)	(1)	(0)	(0)	(0)	(0)
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)	(8)
Heart	(8)	(0)	(0)	(0)	(0)	(8)

## ENDOCRINE SYSTEM

Adrenal Cortex	(8)	(0)	(0)	(0)	(0)	(8)
Adrenal Medulla	(8)	(0)	(0)	(0)	(0)	(8)
Islets, Pancreatic	(8)	(0)	(0)	(0)	(0)	(8)

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FISCHER 344 RATS-NCTR RATS FEMALE	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML	100 UG/ML	250 UG/ML
Parathyroid Gland	(8)	(0)	(0)	(0)	(0)	(8)
Pituitary Gland	(8)	(0)	(0)	(0)	(0)	(8)
Thyroid Gland	(8)	(0)	(0)	(0)	(0)	(8)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Clitoral Gland	(8)	(0)	(1)	(0)	(0)	(8)
Ovary	(8)	(0)	(0)	(0)	(8)	(8)
Uterus	(8)	(1)	(0)	(1)	(8)	(8)
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(8)	(0)	(0)	(0)	(8)	(8)
Lymph Node, Mandibular	(8)	(0)	(0)	(0)	(0)	(8)
Lymph Node, Mesenteric	(8)	(0)	(0)	(0)	(0)	(8)
Spleen	(8)	(0)	(0)	(0)	(8)	(8)
Thymus	(8)	(0)	(0)	(0)	(0)	(8)
<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(8)	(0)	(0)	(0)	(0)	(8)
Skin	(8)	(0)	(0)	(0)	(0)	(8)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone, Femur	(8)	(0)	(0)	(0)	(0)	(8)
Skeletal Muscle	(8)	(0)	(0)	(0)	(8)	(8)

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

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<b>NERVOUS SYSTEM</b>						
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)	(8)
Spinal Cord, Cervical	(8)	(0)	(0)	(0)	(4)	(8)
Spinal Cord, Lumbar	(8)	(0)	(0)	(0)	(4)	(8)
Spinal Cord, Thoracic	(8)	(0)	(0)	(0)	(4)	(8)
<b>RESPIRATORY SYSTEM</b>						
Lung	(8)	(0)	(0)	(0)	(0)	(8)
Nose	(8)	(0)	(0)	(0)	(0)	(8)
Trachea	(8)	(0)	(0)	(0)	(0)	(8)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(8)	(0)	(0)	(0)	(0)	(8)
Harderian Gland	(8)	(0)	(0)	(0)	(0)	(8)
<b>URINARY SYSTEM</b>						
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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Lab: NCTR

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FISCHER 344 RATS-NCTR RATS FEMALE

CONTROL

10 UG/ML

25 UG/ML

50 UG/ML

100 UG/ML

250 UG/ML

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## Tumor Summary for Females

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms

Uncertain Primary Site

Total Animals with Neoplasms Uncertain-

Benign or Malignant

Total Uncertain Neoplasms

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

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

b - Primary tumors: all tumors except metastatic tumors