

Experiment Number: 20107-01
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
Test Compound: N,N-Dimethyl-p-toluidine
CAS Number: 99-97-8

Date Report Requested: 10/22/2014
Time Report Requested: 11:57:20
First Dose M/F: NA / NA
Lab: BAT

C Number: C20107
Lock Date: 07/14/2004
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE

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First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat MALE	0	MG/KG	62.5	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG
Disposition Summary												
Animals Initially In Study	10		10		10		10		10		10	
Early Deaths												
Moribund Sacrifice									1		1	
Natural Death											9	
Survivors												
Terminal Sacrifice	10		10		10		10		9			
Animals Examined Microscopically	10		10		10		10		10		10	
ALIMENTARY SYSTEM												
Esophagus	(10)		(0)		(0)		(0)		(10)		(10)	
Intestine Large, Cecum	(10)		(0)		(0)		(0)		(10)		(10)	
Intestine Large, Colon	(10)		(0)		(0)		(0)		(10)		(10)	
Intestine Large, Rectum	(10)		(0)		(0)		(0)		(10)		(10)	
Intestine Small, Duodenum	(10)		(0)		(0)		(0)		(10)		(10)	
Intestine Small, Ileum	(10)		(0)		(0)		(0)		(10)		(10)	
Intestine Small, Jejunum	(10)		(0)		(0)		(0)		(10)		(10)	
Liver	(10)		(10)		(10)		(10)		(10)		(10)	
Pancreas	(10)		(0)		(0)		(0)		(10)		(10)	
Salivary Glands	(10)		(0)		(0)		(0)		(10)		(10)	
Stomach, Forestomach	(10)		(10)		(10)		(10)		(10)		(10)	
Stomach, Glandular	(10)		(0)		(0)		(0)		(10)		(10)	
CARDIOVASCULAR SYSTEM												
Blood Vessel	(10)		(0)		(0)		(0)		(10)		(10)	
Heart	(10)		(0)		(0)		(0)		(10)		(10)	
ENDOCRINE SYSTEM												
Adrenal Cortex	(10)		(0)		(0)		(0)		(10)		(10)	

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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Lab: BAT

F 344/N Rat MALE	0	MG/KG	62.5	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG
Adrenal Medulla	(10)		(0)		(0)		(0)		(10)		(10)	
Islets, Pancreatic	(10)		(0)		(0)		(0)		(10)		(10)	
Parathyroid Gland	(9)		(0)		(0)		(0)		(8)		(7)	
Pituitary Gland	(10)		(0)		(0)		(0)		(10)		(9)	
Thyroid Gland	(10)		(0)		(0)		(0)		(10)		(10)	
GENERAL BODY SYSTEM												
None												
GENITAL SYSTEM												
Epididymis	(10)		(0)		(0)		(0)		(10)		(10)	
Preputial Gland	(10)		(0)		(0)		(0)		(10)		(10)	
Prostate	(10)		(0)		(0)		(0)		(10)		(10)	
Seminal Vesicle	(10)		(0)		(0)		(0)		(10)		(8)	
Testes	(10)		(0)		(0)		(0)		(10)		(10)	
HEMATOPOIETIC SYSTEM												
Bone Marrow	(10)		(10)		(10)		(10)		(10)		(10)	
Lymph Node	(1)		(0)		(0)		(0)		(1)		(0)	
Lymph Node, Mesenteric	(10)		(10)		(10)		(10)		(10)		(10)	
Spleen	(10)		(10)		(10)		(10)		(10)		(10)	
Thymus	(10)		(10)		(10)		(10)		(10)		(10)	
INTEGUMENTARY SYSTEM												
Mammary Gland	(10)		(0)		(0)		(0)		(5)		(10)	
Skin	(10)		(0)		(0)		(0)		(10)		(10)	
MUSCULOSKELETAL SYSTEM												
Bone	(10)		(0)		(0)		(0)		(10)		(10)	
NERVOUS SYSTEM												
Brain	(10)		(0)		(0)		(0)		(10)		(10)	

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat MALE	0	MG/KG	62.5	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG
RESPIRATORY SYSTEM												
Lung	(10)		(10)		(10)		(10)		(10)		(10)	
Nose	(10)		(10)		(10)		(10)		(10)		(10)	
Trachea	(10)		(10)		(10)		(10)		(10)		(10)	
SPECIAL SENSES SYSTEM												
Eye	(10)		(0)		(0)		(0)		(10)		(10)	
Harderian Gland	(10)		(0)		(0)		(0)		(10)		(10)	
URINARY SYSTEM												
Kidney	(10)		(10)		(10)		(10)		(10)		(10)	
Urinary Bladder	(10)		(0)		(0)		(0)		(10)		(9)	

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

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Lab: BAT

F 344/N Rat MALE

0 MG/KG

62.5 MG/KG

125 MG/KG

250 MG/KG

500 MG/KG

1000 MG/KG

Tumor Summary for MALE

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

END OF MALE DATA

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat FEMALE	0	MG/KG	62.5	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG
Disposition Summary												
Animals Initially In Study	10		10		10		10		10		10	
Early Deaths												
Moribund Sacrifice											10	
Survivors												
Terminal Sacrifice	10		10		10		10		10		10	
Animals Examined Microscopically	10		10		10		10		10		10	
ALIMENTARY SYSTEM												
Esophagus	(10)		(0)		(0)		(0)		(10)		(10)	
Intestine Large, Cecum	(10)		(0)		(0)		(0)		(10)		(10)	
Intestine Large, Colon	(10)		(0)		(0)		(0)		(10)		(10)	
Intestine Large, Rectum	(10)		(0)		(0)		(0)		(10)		(10)	
Intestine Small, Duodenum	(10)		(0)		(0)		(0)		(10)		(10)	
Intestine Small, Ileum	(10)		(0)		(0)		(0)		(10)		(10)	
Intestine Small, Jejunum	(10)		(0)		(0)		(0)		(10)		(10)	
Liver	(10)		(10)		(10)		(10)		(10)		(10)	
Pancreas	(10)		(0)		(0)		(0)		(10)		(10)	
Salivary Glands	(10)		(0)		(0)		(0)		(10)		(10)	
Stomach, Forestomach	(10)		(10)		(10)		(10)		(10)		(10)	
Stomach, Glandular	(10)		(10)		(10)		(10)		(10)		(10)	
CARDIOVASCULAR SYSTEM												
Blood Vessel	(10)		(0)		(0)		(0)		(10)		(10)	
Heart	(10)		(10)		(10)		(10)		(10)		(10)	
ENDOCRINE SYSTEM												
Adrenal Cortex	(10)		(0)		(0)		(0)		(10)		(10)	
Adrenal Medulla	(10)		(0)		(0)		(0)		(10)		(10)	

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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Lab: BAT

F 344/N Rat FEMALE	0	MG/KG	62.5	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG
Islets, Pancreatic	(10)		(0)		(0)		(0)		(10)		(10)	
Parathyroid Gland	(9)		(0)		(0)		(0)		(9)		(8)	
Pituitary Gland	(10)		(0)		(0)		(0)		(10)		(10)	
Thyroid Gland	(10)		(0)		(0)		(0)		(10)		(10)	
GENERAL BODY SYSTEM												
None												
GENITAL SYSTEM												
Clitoral Gland	(10)		(0)		(0)		(0)		(10)		(10)	
Ovary	(10)		(0)		(0)		(0)		(10)		(10)	
Uterus	(10)		(0)		(0)		(0)		(10)		(10)	
HEMATOPOIETIC SYSTEM												
Bone Marrow	(10)		(10)		(10)		(10)		(10)		(10)	
Lymph Node, Mesenteric	(10)		(10)		(10)		(10)		(10)		(10)	
Spleen	(10)		(10)		(10)		(10)		(10)		(10)	
Thymus	(10)		(10)		(10)		(10)		(10)		(10)	
INTEGUMENTARY SYSTEM												
Mammary Gland	(10)		(0)		(0)		(0)		(10)		(10)	
Skin	(10)		(0)		(0)		(0)		(10)		(10)	
MUSCULOSKELETAL SYSTEM												
Bone	(10)		(0)		(0)		(0)		(10)		(10)	
NERVOUS SYSTEM												
Brain	(10)		(0)		(0)		(0)		(10)		(10)	
RESPIRATORY SYSTEM												
Lung	(10)		(10)		(10)		(10)		(10)		(10)	
Nose	(10)		(10)		(10)		(10)		(10)		(10)	

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

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F 344/N Rat FEMALE	0	MG/KG	62.5	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG
Trachea	(10)		(10)		(10)		(10)		(10)		(10)	
SPECIAL SENSES SYSTEM												
Eye	(10)		(0)		(0)		(0)		(10)		(10)	
Harderian Gland	(10)		(0)		(0)		(0)		(10)		(10)	
Lacrimal Gland	(1)		(0)		(0)		(0)		(0)		(0)	
URINARY SYSTEM												
Kidney	(10)		(10)		(10)		(10)		(10)		(10)	
Urinary Bladder	(10)		(0)		(0)		(0)		(10)		(10)	

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

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F 344/N Rat FEMALE	0	MG/KG	62.5	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG
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Tumor Summary for FEMALE

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

**** 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

* Number of animals with any tissue examined microscopically