

Experiment Number: 20005-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

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

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/17/2014
Time Report Requested: 13:01:22
First Dose M/F: NA / NA
Lab: BAT

C Number: C20005
Lock Date: 10/28/2003
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE

Experiment Number: 20005-03

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

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First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat MALE	0	MG/KG	1000	MG/KG	2000	MG/KG	3000	MG/KG	4000	MG/KG	5000	MG/KG
Disposition Summary												
Animals Initially In Study	10		10		10		10		10		10	
Early Deaths												
Survivors												
Terminal Sacrifice	10		10		10		10		10		10	
Animals Examined Microscopically	10		1						2		10	
ALIMENTARY SYSTEM												
Esophagus	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Large, Cecum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Large, Colon	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Large, Rectum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Small, Duodenum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Small, Ileum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Small, Jejunum	(10)		(0)		(0)		(0)		(0)		(10)	
Liver	(10)		(1)		(0)		(0)		(2)		(10)	
Pancreas	(10)		(0)		(0)		(0)		(0)		(10)	
Salivary Glands	(10)		(0)		(0)		(0)		(0)		(10)	
Stomach, Forestomach	(10)		(0)		(0)		(0)		(0)		(10)	
Stomach, Glandular	(10)		(0)		(0)		(0)		(0)		(10)	
CARDIOVASCULAR SYSTEM												
Blood Vessel	(10)		(0)		(0)		(0)		(0)		(10)	
Heart	(10)		(0)		(0)		(0)		(0)		(10)	
ENDOCRINE SYSTEM												
Adrenal Cortex	(10)		(0)		(0)		(0)		(0)		(10)	
Adrenal Medulla	(10)		(0)		(0)		(0)		(0)		(10)	
Parathyroid Gland	(8)		(0)		(0)		(0)		(0)		(9)	

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	1000	MG/KG	2000	MG/KG	3000	MG/KG	4000	MG/KG	5000	MG/KG
Pituitary Gland	(10)		(0)		(0)		(0)		(0)		(10)	
Thyroid Gland	(10)		(0)		(0)		(0)		(0)		(10)	
GENERAL BODY SYSTEM												
None												
GENITAL SYSTEM												
Epididymis	(10)		(0)		(0)		(0)		(0)		(10)	
Preputial Gland	(10)		(0)		(0)		(0)		(0)		(10)	
Prostate	(10)		(0)		(0)		(0)		(0)		(10)	
Seminal Vesicle	(10)		(0)		(0)		(0)		(0)		(10)	
Testes	(10)		(0)		(0)		(0)		(0)		(10)	
HEMATOPOIETIC SYSTEM												
Bone Marrow	(10)		(0)		(0)		(0)		(0)		(10)	
Lymph Node, Mesenteric	(10)		(0)		(0)		(0)		(0)		(10)	
Spleen	(10)		(0)		(0)		(0)		(0)		(10)	
Thymus	(10)		(0)		(0)		(0)		(0)		(10)	
INTEGUMENTARY SYSTEM												
Mammary Gland	(10)		(0)		(0)		(0)		(0)		(10)	
Skin	(10)		(0)		(0)		(0)		(0)		(10)	
MUSCULOSKELETAL SYSTEM												
Bone	(10)		(0)		(0)		(0)		(0)		(10)	
NERVOUS SYSTEM												
Brain	(10)		(0)		(0)		(0)		(0)		(10)	
RESPIRATORY SYSTEM												
Lung	(10)		(0)		(0)		(0)		(0)		(10)	
Nose	(10)		(0)		(0)		(0)		(0)		(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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Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

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Time Report Requested: 13:01:23

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat MALE	0	MG/KG	1000	MG/KG	2000	MG/KG	3000	MG/KG	4000	MG/KG	5000	MG/KG
Trachea	(10)		(0)		(0)		(0)		(0)		(10)	
SPECIAL SENSES SYSTEM												
Eye	(10)		(0)		(0)		(0)		(0)		(10)	
Harderian Gland	(10)		(0)		(0)		(0)		(0)		(10)	
URINARY SYSTEM												
Kidney	(10)		(0)		(0)		(0)		(0)		(10)	
Urinary Bladder	(10)		(0)		(0)		(0)		(0)		(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

1000 MG/KG

2000 MG/KG

3000 MG/KG

4000 MG/KG

5000 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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Test Compound: Ginseng

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Route: GAVAGE

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First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BAT

F 344/N Rat FEMALE	0	MG/KG	1000	MG/KG	2000	MG/KG	3000	MG/KG	4000	MG/KG	5000	MG/KG
Disposition Summary												
Animals Initially In Study	10		10		10		10		10		10	
Early Deaths												
Survivors												
Terminal Sacrifice	10		10		10		10		10		10	
Animals Examined Microscopically	10		3		1		3		2		10	
ALIMENTARY SYSTEM												
Esophagus	(10)		(0)		(0)		(1)		(0)		(10)	
Intestine Large, Cecum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Large, Colon	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Large, Rectum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Small, Duodenum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Small, Ileum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Small, Jejunum	(10)		(0)		(0)		(0)		(0)		(10)	
Liver	(10)		(1)		(1)		(2)		(1)		(10)	
Pancreas	(10)		(0)		(0)		(0)		(0)		(10)	
Salivary Glands	(10)		(0)		(0)		(0)		(0)		(10)	
Stomach, Forestomach	(10)		(0)		(0)		(0)		(0)		(10)	
Stomach, Glandular	(10)		(0)		(0)		(0)		(0)		(10)	
CARDIOVASCULAR SYSTEM												
Blood Vessel	(10)		(0)		(0)		(0)		(0)		(10)	
Heart	(10)		(0)		(0)		(0)		(0)		(10)	
ENDOCRINE SYSTEM												
Adrenal Cortex	(10)		(0)		(0)		(0)		(0)		(10)	
Adrenal Medulla	(10)		(0)		(0)		(0)		(0)		(10)	
Parathyroid Gland	(9)		(0)		(0)		(0)		(0)		(9)	

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	1000 MG/KG	2000 MG/KG	3000 MG/KG	4000 MG/KG	5000 MG/KG
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(10)	(0)	(0)	(0)	(0)	(10)
Ovary	(10)	(2)	(0)	(1)	(1)	(10)
Uterus	(10)	(0)	(0)	(1)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node	(0)	(0)	(0)	(0)	(0)	(1)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM						
Mammary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Skin	(10)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(0)	(0)	(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 FEMALE	0	MG/KG	1000	MG/KG	2000	MG/KG	3000	MG/KG	4000	MG/KG	5000	MG/KG
SPECIAL SENSES SYSTEM												
Eye	(10)		(0)		(0)		(0)		(0)		(10)	
Harderian Gland	(10)		(0)		(0)		(0)		(0)		(10)	
URINARY SYSTEM												
Kidney	(10)		(0)		(0)		(0)		(0)		(10)	
Urinary Bladder	(10)		(0)		(0)		(0)		(0)		(10)	

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

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First Dose M/F: NA / NA
Lab: BAT

F 344/N Rat FEMALE

0 MG/KG

1000 MG/KG

2000 MG/KG

3000 MG/KG

4000 MG/KG

5000 MG/KG

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