

Experiment Number: 99930-98
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 23:41:46
First Dose M/F: NA / NA
Lab: NCTR

C Number:	MG96005
Lock Date:	Not Entered.
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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CD Rat MALE	F1	0 PPM	F1	5 PPM	F1	100 PPM	F1	500 PPM
Disposition Summary								
Animals Initially In Study		26		25		25		25
Early Deaths								
Survivors								
Terminal Sacrifice		26		25		25		25
Animals Examined Microscopically		26		25		25		25
ALIMENTARY SYSTEM								
Liver		(26)		(0)		(0)		(25)
CARDIOVASCULAR SYSTEM								
None								
ENDOCRINE SYSTEM								
Adrenal Cortex		(26)		(0)		(0)		(24)
Adrenal Medulla		(26)		(0)		(0)		(24)
Pituitary Gland		(26)		(0)		(0)		(25)
Thyroid Gland		(26)		(0)		(0)		(25)
GENERAL BODY SYSTEM								
None								
GENITAL SYSTEM								
Coagulating Gland		(26)		(25)		(25)		(25)
Epididymis		(26)		(25)		(25)		(25)
Preputial Gland		(0)		(0)		(0)		(1)
Prostate		(3)		(8)		(5)		(3)
Prostate, Dorsal Lobe		(26)		(25)		(25)		(24)
Prostate, Ventral Lobe		(26)		(25)		(25)		(24)
Rete Testes		(26)		(25)		(23)		(25)
Seminal Vesicle		(26)		(25)		(25)		(25)

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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Testes	(26)	(25)	(25)	(25)
HEMATOPOIETIC SYSTEM				
Bone Marrow	(26)	(0)	(0)	(25)
Spleen	(26)	(0)	(0)	(25)
Thymus	(26)	(0)	(0)	(25)
INTEGUMENTARY SYSTEM				
Mammary Gland	(26)	(24)	(25)	(25)
Skin	(26)	(0)	(0)	(25)
MUSCULOSKELETAL SYSTEM				
Bone, Femur	(26)	(0)	(0)	(25)
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
None				
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(26)	(25)	(25)	(25)

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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

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CD Rat FEMALE	F1	0 PPM	F1	5 PPM	F1	100 PPM	F1	500 PPM
Disposition Summary								
Animals Initially In Study		25		25		25		25
Early Deaths								
Natural Death		1						
Survivors								
Terminal Sacrifice		24		25		25		25
Animals Examined Microscopically		25		25		25		25
ALIMENTARY SYSTEM								
Liver		(25)		(1)		(0)		(25)
Salivary Glands		(1)		(0)		(0)		(0)
Stomach, Forestomach		(1)		(0)		(0)		(0)
CARDIOVASCULAR SYSTEM								
Heart		(1)		(0)		(0)		(0)
ENDOCRINE SYSTEM								
Adrenal Cortex		(25)		(0)		(0)		(25)
Adrenal Medulla		(25)		(0)		(0)		(25)
Pituitary Gland		(25)		(0)		(0)		(25)
Thyroid Gland		(25)		(0)		(0)		(25)
GENERAL BODY SYSTEM								
None								
GENITAL SYSTEM								
Ovary		(25)		(25)		(25)		(25)
Oviduct		(25)		(25)		(25)		(25)
Uterus		(25)		(25)		(25)		(25)
Vagina		(25)		(25)		(25)		(25)

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HEMATOPOIETIC SYSTEM								
Bone Marrow		(25)		(0)		(0)		(25)
Lymph Node, Mandibular		(1)		(0)		(0)		(0)
Lymph Node, Mesenteric		(1)		(0)		(0)		(0)
Spleen		(25)		(0)		(0)		(25)
Thymus		(25)		(0)		(0)		(25)
INTEGUMENTARY SYSTEM								
Mammary Gland		(24)		(23)		(25)		(25)
Skin		(25)		(0)		(1)		(25)
MUSCULOSKELETAL SYSTEM								
Bone, Femur		(25)		(0)		(0)		(25)
NERVOUS SYSTEM								
Brain, Brain Stem		(1)		(0)		(0)		(0)
Brain, Cerebellum		(1)		(0)		(0)		(0)
Brain, Cerebrum		(1)		(0)		(0)		(0)
RESPIRATORY SYSTEM								
Lung		(1)		(0)		(0)		(0)
Nose		(1)		(0)		(0)		(0)
SPECIAL SENSES SYSTEM								
None								
URINARY SYSTEM								
Kidney		(25)		(25)		(24)		(25)
Nephroblastoma				1 (4%)				

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Tumor Summary for FEMALE								
Total Animals with Primary Neoplasms (b)				1				
Total Primary Neoplasms				1				
Total Animals with Benign Neoplasms								
Total Benign Neoplasms								
Total Animals with Malignant Neoplasms				1				
Total Malignant Neoplasms				1				
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 ****

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