

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

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

Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:29
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

Experiment Number: 99930-95
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P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Test Compound: Endocrine disruptor (Genistein)
 CAS Number: 446-72-0

Date Report Requested: 10/18/2014
 Time Report Requested: 15:40:29
 First Dose M/F: NA / NA
 Lab: NCTR

CD Rat MALE	F4	0 PPM	F4/5PPM TO CTL	F4/100PPM TO CTL	F4/500PPM TO CTL
Disposition Summary					
Animals Initially In Study		25	25	25	25
Early Deaths					
Survivors					
Terminal Sacrifice		25	25	25	25
Animals Examined Microscopically		25	25	25	25
ALIMENTARY SYSTEM					
Liver		(25)	(0)	(0)	(25)
Mesentery		(0)	(1)	(0)	(0)
CARDIOVASCULAR SYSTEM					
None					
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					
Coagulating Gland		(25)	(25)	(25)	(25)
Epididymis		(25)	(25)	(25)	(25)
Penis		(0)	(0)	(1)	(0)
Prostate		(3)	(7)	(1)	(1)
Prostate, Dorsal Lobe		(25)	(25)	(25)	(25)
Prostate, Ventral Lobe		(25)	(25)	(25)	(25)
Rete Testes		(25)	(20)	(24)	(22)

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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Seminal Vesicle	(25)	(25)	(25)	(24)	(25)
Testes	(25)	(25)	(25)	(25)	(25)
HEMATOPOIETIC SYSTEM					
Bone Marrow	(25)	(0)	(0)	(0)	(25)
Spleen	(25)	(0)	(0)	(0)	(25)
Thymus	(25)	(0)	(0)	(0)	(25)
INTEGUMENTARY SYSTEM					
Mammary Gland	(25)	(25)	(25)	(25)	(24)
Skin	(25)	(0)	(0)	(0)	(23)
MUSCULOSKELETAL SYSTEM					
Bone, Femur	(25)	(0)	(0)	(0)	(25)
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
Nose	(0)	(0)	(0)	(0)	(1)
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Kidney	(25)	(0)	(0)	(0)	(25)

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CD Rat MALE	F4	0 PPM	F4/5PPM TO CTL	F4/100PPM TO CTL	F4/500PPM TO CTL
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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

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

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 Lab: NCTR

CD Rat FEMALE	F4	0 PPM	F4/5PPM TO CTL	F4/100PPM TO CTL	F4/500PPM TO CTL
Disposition Summary					
Animals Initially In Study		26	25	25	25
Early Deaths					
Survivors					
Natural Death		1			
Terminal Sacrifice		25	25	25	25
Animals Examined Microscopically		26	25	25	25
ALIMENTARY SYSTEM					
Intestine Large, Cecum		(1)	(0)	(0)	(0)
Intestine Large, Colon		(1)	(0)	(0)	(0)
Intestine Small, Duodenum		(1)	(0)	(0)	(0)
Intestine Small, Ileum		(1)	(0)	(0)	(0)
Intestine Small, Jejunum		(1)	(0)	(0)	(0)
Liver		(26)	(0)	(1)	(25)
Pancreas		(1)	(0)	(0)	(0)
Salivary Glands		(1)	(0)	(0)	(0)
CARDIOVASCULAR SYSTEM					
Blood Vessel		(1)	(0)	(0)	(0)
Heart		(1)	(0)	(0)	(0)
ENDOCRINE SYSTEM					
Adrenal Cortex		(26)	(0)	(0)	(25)
Adrenal Medulla		(26)	(0)	(0)	(25)
Pituitary Gland		(26)	(0)	(0)	(25)
Thyroid Gland		(26)	(0)	(0)	(25)
GENERAL BODY SYSTEM					
None					

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

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GENITAL SYSTEM					
Ovary	(25)	(24)	(24)	(25)	(25)
Oviduct	(25)	(24)	(24)	(25)	(25)
Uterus	(26)	(25)	(25)	(25)	(25)
Vagina	(26)	(25)	(25)	(25)	(25)
HEMATOPOIETIC SYSTEM					
Bone Marrow	(26)	(0)	(0)	(25)	(25)
Lymph Node, Mandibular	(1)	(0)	(0)	(0)	(0)
Lymph Node, Mesenteric	(1)	(0)	(0)	(0)	(0)
Spleen	(26)	(0)	(0)	(25)	(25)
Thymus	(26)	(0)	(0)	(25)	(25)
INTEGUMENTARY SYSTEM					
Mammary Gland	(26)	(25)	(25)	(25)	(25)
Skin	(26)	(0)	(0)	(25)	(25)
MUSCULOSKELETAL SYSTEM					
Bone, Femur	(26)	(0)	(0)	(25)	(25)
NERVOUS SYSTEM					
Brain	(1)	(0)	(0)	(0)	(0)
Brain, Cerebrum	(1)	(0)	(0)	(0)	(0)
RESPIRATORY SYSTEM					
Lung	(1)	(0)	(0)	(0)	(0)
Nose	(1)	(0)	(0)	(0)	(0)
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					

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CD Rat FEMALE	F4	0 PPM	F4/5PPM TO CTL	F4/100PPM TO CTL	F4/500PPM TO CTL
Kidney	(26)	(25)	(25)	(25)	(25)
Urinary Bladder	(1)	(0)	(0)	(0)	(0)

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CD Rat FEMALE

F4 0 PPM

F4/5PPM TO CTL

F4/100PPM TO CTL

F4/500PPM TO CTL

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