

**Experiment Number:** 99930-96  
**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:** 10/19/2014  
**Time Report Requested:** 04:27:22  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

<b>C Number:</b>	MG96005
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

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 Test Type: SPECIAL STUDY  
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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: 10/19/2014  
 Time Report Requested: 04:27:22  
 First Dose M/F: NA / NA  
 Lab: NCTR

CD Rat MALE	F3	0 PPM	F3/5PPM TO CTL	F3/100PPM TO CTL	F3/500PPM TO CTL
<b>Disposition Summary</b>					
Animals Initially In Study		25	25	25	25
Early Deaths					
Survivors					
Terminal Sacrifice		25	25	25	25
Animals Examined Microscopically		25	25	25	25
<b>ALIMENTARY SYSTEM</b>					
Liver		(25)	(0)	(0)	(24)
<b>CARDIOVASCULAR SYSTEM</b>					
Blood Vessel		(0)	(0)	(0)	(1)
<b>ENDOCRINE SYSTEM</b>					
Adrenal Cortex		(25)	(0)	(0)	(25)
Adrenal Medulla		(25)	(0)	(0)	(25)
Pituitary Gland		(25)	(0)	(0)	(25)
Thyroid Gland		(25)	(0)	(0)	(25)
<b>GENERAL BODY SYSTEM</b>					
None					
<b>GENITAL SYSTEM</b>					
Coagulating Gland		(25)	(25)	(25)	(25)
Ductus Deferens		(0)	(1)	(0)	(0)
Epididymis		(25)	(25)	(25)	(25)
Prostate		(3)	(5)	(3)	(5)
Prostate, Dorsal Lobe		(25)	(25)	(25)	(25)
Prostate, Ventral Lobe		(25)	(25)	(25)	(25)
Rete Testes		(24)	(25)	(25)	(24)
Seminal Vesicle		(25)	(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	(25)	(24)	(25)	(25)	(25)
<b>HEMATOPOIETIC SYSTEM</b>					
Bone Marrow	(25)	(0)	(0)	(0)	(25)
Spleen	(25)	(0)	(0)	(0)	(25)
Thymus	(25)	(0)	(0)	(0)	(25)
<b>INTEGUMENTARY SYSTEM</b>					
Mammary Gland	(24)	(25)	(25)	(25)	(23)
Skin	(24)	(0)	(0)	(0)	(25)
<b>MUSCULOSKELETAL SYSTEM</b>					
Bone, Femur	(25)	(0)	(0)	(0)	(25)
Bone, Vertebra	(0)	(1)	(0)	(0)	(0)
<b>NERVOUS SYSTEM</b>					
None					
<b>RESPIRATORY SYSTEM</b>					
None					
<b>SPECIAL SENSES SYSTEM</b>					
None					
<b>URINARY SYSTEM</b>					
Kidney	(25)	(1)	(0)	(0)	(25)

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CD Rat MALE	F3	0 PPM	F3/5PPM TO CTL	F3/100PPM TO CTL	F3/500PPM 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**

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\*\*\*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	F3	0 PPM	F3/5PPM TO CTL	F3/100PPM TO CTL	F3/500PPM TO CTL
<b>Disposition Summary</b>					
Animals Initially In Study		25	25	25	25
Early Deaths					
Survivors					
Terminal Sacrifice		25	25	25	25
Animals Examined Microscopically		25	25	25	25
<b>ALIMENTARY SYSTEM</b>					
Liver		(25)	(2)	(0)	(24)
<b>CARDIOVASCULAR SYSTEM</b>					
None					
<b>ENDOCRINE SYSTEM</b>					
Adrenal Cortex		(25)	(1)	(0)	(25)
Adrenal Medulla		(25)	(1)	(0)	(25)
Pituitary Gland		(25)	(1)	(0)	(25)
Thyroid Gland		(25)	(1)	(0)	(25)
<b>GENERAL BODY SYSTEM</b>					
None					
<b>GENITAL SYSTEM</b>					
Ovary		(25)	(25)	(25)	(25)
Oviduct		(25)	(25)	(25)	(25)
Uterus		(25)	(25)	(25)	(25)
Vagina		(24)	(25)	(25)	(25)
<b>HEMATOPOIETIC SYSTEM</b>					
Bone Marrow		(25)	(1)	(0)	(25)
Spleen		(25)	(1)	(0)	(25)

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

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\* Number of animals with any tissue examined microscopically

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Thymus	(25)	(1)	(0)	(25)	
INTEGUMENTARY SYSTEM					
Mammary Gland	(25)	(25)	(25)	(25)	
Skin	(25)	(1)	(0)	(24)	
MUSCULOSKELETAL SYSTEM					
Bone, Femur	(25)	(1)	(0)	(25)	
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Kidney	(25)	(25)	(25)	(25)	
Adenoma, Tubular	1 (4%)				

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<b>Tumor Summary for FEMALE</b>					
<b>Total Animals with Primary Neoplasms (b)</b>		<b>1</b>			
<b>Total Primary Neoplasms</b>		<b>1</b>			
<b>Total Animals with Benign Neoplasms</b>		<b>1</b>			
<b>Total Benign Neoplasms</b>		<b>1</b>			
<b>Total Animals with Malignant Neoplasms</b>					
<b>Total Malignant Neoplasms</b>					
<b>Total Animals with Metastatic Neoplasms</b>					
<b>Total Metastatic Neoplasms</b>					
<b>Total Animals with Malignant Neoplasms Uncertain Primary Site</b>					
<b>Total Animals with Neoplasms Uncertain - Benign or Malignant</b>					
<b>Total Uncertain Neoplasms</b>					

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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

\* Number of animals with any tissue examined microscopically