

**Experiment Number:** 99920-96  
**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(Ethinyl Estradiol)  
**CAS Number:** 57-63-6

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 11:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

<b>C Number:</b>	MG96006
<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

Experiment Number: 99920-96  
 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(Ethinyl Estradiol)  
 CAS Number: 57-63-6

Date Report Requested: 10/23/2014  
 Time Report Requested: 11:59:29  
 First Dose M/F: NA / NA  
 Lab: NCTR

CD Rat MALE	F3	CONTROL	F3/2PPB TO CTRL	F3/10PPB TO CTRL	F3/50PPB TO CTRL
<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)	(1)	(25)
Mesentery		(0)	(0)	(0)	(1)
<b>CARDIOVASCULAR SYSTEM</b>					
None					
<b>ENDOCRINE SYSTEM</b>					
Adrenal Cortex		(25)	(0)	(0)	(25)
Adrenal Medulla		(24)	(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)
Epididymis		(25)	(25)	(25)	(25)
Preputial Gland		(0)	(0)	(2)	(1)
Prostate, Dorsal/Lateral Lobe		(9)	(12)	(8)	(9)
Prostate, Dorsal/lateral Lobe		(16)	(13)	(17)	(16)
Prostate, Ventral Lobe		(25)	(25)	(25)	(25)
Rete Testes		(25)	(24)	(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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CD Rat MALE	F3	CONTROL	F3/2PPB TO CTRL	F3/10PPB TO CTRL	F3/50PPB TO CTRL
Seminal Vesicle	(25)	(25)	(25)	(25)	(25)
Testes	(25)	(25)	(25)	(25)	(25)
<b>HEMATOPOIETIC SYSTEM</b>					
Bone Marrow	(25)	(0)	(0)	(0)	(25)
Spleen	(25)	(0)	(0)	(0)	(25)
Thymus	(24)	(0)	(0)	(0)	(25)
<b>INTEGUMENTARY SYSTEM</b>					
Mammary Gland	(25)	(25)	(25)	(24)	(24)
<b>MUSCULOSKELETAL SYSTEM</b>					
Bone	(25)	(0)	(0)	(0)	(25)
<b>NERVOUS SYSTEM</b>					
None					
<b>RESPIRATORY SYSTEM</b>					
None					
<b>SPECIAL SENSES SYSTEM</b>					
None					
<b>URINARY SYSTEM</b>					
Kidney	(25)	(0)	(0)	(2)	(25)

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**Lab:** NCTR

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**CD Rat MALE**

**F3 CONTROL F3/2PPB TO CTRL F3/10PPB TO CTRL F3/50PPB TO CTRL**

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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\*\*\*

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\* Number of animals with any tissue examined microscopically

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 Lab: NCTR

CD Rat FEMALE	F3	CONTROL	F3/2PPB TO CTRL	F3/10PPB TO CTRL	F3/50PPB TO CTRL
<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>					
Intestine Small, Jejunum		(0)	(1)	(0)	(0)
Liver		(25)	(0)	(0)	(25)
<b>CARDIOVASCULAR SYSTEM</b>					
None					
<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>					
Clitoral Gland		(0)	(3)	(0)	(0)
Ovary		(25)	(25)	(24)	(25)
Oviduct		(25)	(25)	(24)	(25)
Uterus		(25)	(25)	(25)	(25)
Vagina		(25)	(25)	(25)	(25)
<b>HEMATOPOIETIC SYSTEM</b>					

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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)	(25)
Skin	(0)	(0)	(0)	(0)	(1)
MUSCULOSKELETAL SYSTEM					
Bone	(25)	(0)	(0)	(0)	(25)
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Kidney	(25)	(25)	(25)	(25)	(25)

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**CD Rat FEMALE**

**F3**

**CONTROL**

**F3/2PPB TO CTRL**

**F3/10PPB TO CTRL**

**F3/50PPB TO CTRL**

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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**

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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