

**Experiment Number:** 95001-01

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH  
AVERAGE SEVERITY GRADES[b]**

**Test Compound:** NTP-2000 diet

**CAS Number:** DIET2000

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 06:41:00

**First Dose M/F:** NA / NA

**Lab:** NIEHS

<b>C Number:</b>	C95001
<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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Lab: NIEHS

F 344/N Rat MALE	7M	2000M
<b>Disposition Summary</b>		
<b>Animals Initially In Study</b>	<b>25</b>	<b>25</b>
<b>Early Deaths</b>		
<b>Survivors</b>		
<b>Terminal Sacrifice</b>	<b>25</b>	<b>25</b>
<b>Animals Examined Microscopically</b>	<b>25</b>	<b>25</b>
<b>ALIMENTARY SYSTEM</b>		
Liver	(25)	(25)
Hepatodiaphragmatic Nodule		1 [2.0]
Inflammation, Acute		1 [1.0]
Inflammation, Chronic		2 [1.0]
Pancreas	(25)	(24)
Acinus, Atrophy	1 [1.0]	2 [1.0]
Acinus, Inflammation, Chronic	1 [1.0]	1 [1.0]
Acinus, Necrosis	1 [1.0]	
Inflammation, Chronic	1 [1.0]	
<b>CARDIOVASCULAR SYSTEM</b>		
Heart	(25)	(25)
Cardiomyopathy	25 [1.0]	25 [1.0]
Inflammation, Chronic	1 [1.0]	
<b>ENDOCRINE SYSTEM</b>		
Adrenal Cortex	(25)	(25)
Adrenal Medulla	(25)	(25)
Parathyroid Gland	(24)	(24)
Cyst		1 [2.0]
Pituitary Gland	(25)	(25)
Pars Distalis, Cyst	4 [1.0]	1 [1.0]

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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<b>F 344/N Rat MALE</b>	<b>7M</b>	<b>2000M</b>
Thyroid Gland	(25)	(25)
Ultimobranchial Cyst		1 [1.0]
<b>GENERAL BODY SYSTEM</b>		
None		
<b>GENITAL SYSTEM</b>		
None		
<b>HEMATOPOIETIC SYSTEM</b>		
Spleen	(25)	(25)
<b>INTEGUMENTARY SYSTEM</b>		
None		
<b>MUSCULOSKELETAL SYSTEM</b>		
None		
<b>NERVOUS SYSTEM</b>		
Brain	(25)	(25)
<b>RESPIRATORY SYSTEM</b>		
Lung	(25)	(25)
Alveolus, Inflammation, Acute	2 [1.0]	
Alveolus, Inflammation, Chronic	2 [1.0]	1 [1.0]
Metaplasia, Osseous	1 [1.0]	
<b>SPECIAL SENSES SYSTEM</b>		
None		
<b>URINARY SYSTEM</b>		
Kidney	(25)	(25)
Nephropathy	1 [1.0]	
Renal Tubule, Regeneration	24 [1.0]	16 [1.0]

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**First Dose M/F:** NA / NA

**Lab:** NIEHS

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**F 344/N Rat MALE**

**7M**

**2000M**

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\*\*\*END OF MALE DATA\*\*\*

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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Lab: NIEHS

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<b>Disposition Summary</b>		
Animals Initially In Study	25	25
Early Deaths		
Survivors		
Terminal Sacrifice	25	25
Animals Examined Microscopically	25	25
<b>ALIMENTARY SYSTEM</b>		
Liver	(25)	(25)
Hepatodiaphragmatic Nodule	2 [1.5]	1 [2.0]
Inflammation, Acute		2 [1.0]
Inflammation, Chronic		2 [1.5]
Pancreas	(25)	(25)
Acinus, Atrophy	2 [1.0]	2 [1.0]
Acinus, Inflammation, Chronic		1 [1.0]
Inflammation, Chronic	1 [1.0]	
<b>CARDIOVASCULAR SYSTEM</b>		
Heart	(25)	(25)
Cardiomyopathy	16 [1.0]	13 [1.0]
Inflammation, Chronic	1 [1.0]	1 [1.0]
<b>ENDOCRINE SYSTEM</b>		
Adrenal Cortex	(25)	(25)
Adrenal Medulla	(25)	(25)
Parathyroid Gland	(20)	(21)
Pituitary Gland	(25)	(25)
Thyroid Gland	(25)	(25)
Inflammation, Chronic	2 [1.0]	
Ultimobranchial Cyst	7 [1.3]	1 [1.0]

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Lab: NIEHS

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GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Uterus	(25)	(25)
Cervix, Inflammation, Acute		1 [1.0]
Hydrometra	2 [1.0]	1 [1.0]
Vagina	(25)	(25)
HEMATOPOIETIC SYSTEM		
Spleen	(25)	(25)
INTEGUMENTARY SYSTEM		
None		
MUSCULOSKELETAL SYSTEM		
None		
NERVOUS SYSTEM		
Brain	(25)	(25)
RESPIRATORY SYSTEM		
Lung	(25)	(25)
Alveolar Epith, Hyperplasia	1 [1.0]	
Alveolus, Inflammation, Acute	1 [1.0]	
Alveolus, Inflammation, Chronic	2 [1.0]	
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Kidney	(25)	(25)
Cortex, Inflammation, Chronic	1 [1.0]	

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Corticomed Jct, Mineralization	24 [1.1]	
Nephropathy		1 [1.0]
Papilla, Mineralization		1 [1.0]
Renal Tubule, Regeneration		1 [1.0]

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**\*\* END OF REPORT \*\***

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)