

Experiment Number: 20108-01
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Antioxidant model (TRAMP) - NAO (spinach extract)
CAS Number: NAOSPINEXTR

Date Report Requested: 10/23/2014
Time Report Requested: 11:20:32
First Dose M/F: NA / NA
Lab: ILS

C Number:	C20108A
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male
PWG Approval Date	NONE

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C57BL/6 Mouse Male VEHICLE CONTROL	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	
	2	3	3	3	3	3	3	3	3	3	3	
	9	0	1	1	2	3	4	5	6	7	8	

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Bile Duct, Inflammation					1						1 1.0
Inflammation, Focal	1	1	1		1	1		1	1	1	8 1.0
Tension Lipidosis			2								1 2.0

Cardiovascular System

NONE

Endocrine System

Pituitary Gland	M	M	+	+	+	+	+	M	M	M	5
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General Body System

NONE

Genital System

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Fibrosis	2										1 2.0
Prostate, Anterior Lobe	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Focal			1								1 1.0
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia, Grade 1, Focal			X								1
Prostate, Lateral Lobe	+	M	+	+	+	+	+	+	+	+	9
Hyperplasia, Grade 1, Focal						X					1

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	2	3	3	3	3	3	3	3	3	3	
	9	0	1	2	3	4	5	6	7	8	
Hyperplasia, Grade 2, Focal				X							1
Inflammation, Focal				1							1 1.0
Prostate, Ventral Lobe	M	M	+	+	+	M	M	+	M	+	5
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Focal	1	1									2 1.0
Testes	+	+	+	+	+	+	+	+	+	+	10
Atrophy					1						1 1.0
Hematopoietic System											
Lymph Node										+	1
Spleen	+	+	+	+	+	+	+	+	+	+	10
Integumentary System											
NONE											
Musculoskeletal System											
NONE											
Nervous System											
NONE											
Respiratory System											
NONE											
Special Senses System											

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		0	0	0	0	0	0	0	0	0	0	
		5	8	8	8	8	5	5	8	8	3	
		7	7	9	7	9	8	7	9	7	3	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	
		2	3	3	3	3	3	3	3	3	3	
		9	0	1	2	3	4	5	6	7	8	

NONE														
Urinary System														
Kidney	+	+	+	+	+	+	+	+	+	+	+	10		
Medulla, Renal Tubule, Dilatation, Focal												1	1.0	
Renal Tubule, Casts Protein												1	1.0	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	10		
Serosa, Mineralization, Focal												2	1	2.0

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C57BL/6 Mouse Male 200MG/KG	DAY ON TEST	0	*TOTALS
		0	
		5	
		8	
	ANIMAL ID	0	
	0		
	1		
	9		
	2		

Alimentary System

Liver	+	32	
Inflammation, Focal		3	1.0
Tension Lipidosis		1	2.0

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex		1
Pituitary Gland	M	22

General Body System

NONE

Genital System

Epididymis	+	30
Prostate, Anterior Lobe	+	32
Hyperplasia, Grade 1, Focal		11
Hyperplasia, Grade 1, Multifocal		3
Hyperplasia, Grade 3, Focal		2
Prostate, Dorsal Lobe	+	32
Hyperplasia, Grade 3, Multifocal		2
Prostate, Lateral Lobe	+	29

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	ANIMAL ID		
	0		
	0		
	5		
	8		
	0		
	0		
	1		
	9		
	2		
		*TOTALS	
Hyperplasia, Grade 1, Focal			1
Hyperplasia, Grade 3, Focal			1
Hyperplasia, Grade 3, Multifocal			1
Prostate, Ventral Lobe	+	24	
Hyperplasia, Grade 2, Focal			1
Hyperplasia, Grade 3, Focal			1
Seminal Vesicle	+	32	
Testes	+	32	
Atrophy		1	1.0
Germinal Epith, Syncytial Alteration		2	1.0
Germinal Epith, Vacuolization Cytoplasmic		3	1.3
Hematopoietic System			
Lymph Node		1	
Spleen	+	28	
Hematopoietic Cell Proliferation		3	2.0

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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C57BL/6 Mouse Male	DAY ON TEST	0	
		0	
		5	
		8	
200MG/KG	ANIMAL ID	0	
		0	
		1	
		9	
		2	
			*TOTALS

NONE
Respiratory System

NONE
Special Senses System

NONE
Urinary System

Kidney	+	32	
Cortex, Renal Tubule, Dilatation, Focal		2	1.0
Cortex, Renal Tubule, Regeneration, Focal		2	1.0
Hydronephrosis		1	2.0
Medulla, Renal Tubule, Dilatation		2	1.0
Renal Tubule, Casts Protein		2	1.0
Renal Tubule, Inflammation, Focal		1	1.0
Urinary Bladder	+	29	

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