

Experiment Number: 20108-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/TRAMP

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate
CAS Number: 989-51-5

Date Report Requested: 10/23/2014
Time Report Requested: 09:15:22
First Dose M/F: NA / NA
Lab: ILS

C Number:	C20108B
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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**TRAMP Mouse Male
 VEHICLE CONTROL**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	3	3	8	8	3	8	5	3	8	8
	2	2	5	5	3	9	8	3	6	7
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	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	2
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Focal	1	1					1				3 1.0

Cardiovascular System

NONE

Endocrine System

Pituitary Gland	+	+	+	+	+	+	M	+	+	+	9
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General Body System

NONE

Genital System

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Aspermia	2										1 2.0
Prostate	+								+		2
Prostate, Anterior Lobe	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia, Grade 3, Focal	X	X									2
Hyperplasia, Grade 3, Multifocal				X	X	X	X	X	X	X	7
Hyperplasia, Grade 5, Focal			X								1
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	M	+	+	9
Hyperplasia, Grade 3, Diffuse	X			X			X			X	4
Hyperplasia, Grade 3, Focal					X						1

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

+ ..Tissue examined microscopically

X ..Lesion present

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TRAMP Mouse Male VEHICLE CONTROL	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	3	3	8	8	3	8	5	3	8	8	
	2	2	5	5	3	9	8	3	6	7	
Hyperplasia, Grade 3, Multifocal		X									1
Hyperplasia, Grade 4, Focal						X			X		2
Hyperplasia, Grade 4, Multifocal			X								1
Prostate, Lateral Lobe	+	M	+	+	M	M	+	+	M	+	6
Hyperplasia, Grade 3, Diffuse			X						X		2
Hyperplasia, Grade 3, Focal				X				X			2
Hyperplasia, Grade 3, Multifocal	X						X				2
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	M	M	8
Hyperplasia, Grade 2, Diffuse					X						1
Hyperplasia, Grade 3, Diffuse						X					1
Hyperplasia, Grade 3, Focal		X									1
Hyperplasia, Grade 3, Multifocal	X		X	X			X	X			5
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia, Grade 1, Focal								X			1
Hyperplasia, Grade 2, Focal									X		1
Hyperplasia, Grade 2, Multifocal			X				X				2
Hyperplasia, Papillary			X	X		X					3
Testes	+	+	+	+	+	+	+	+	+	+	10
Seminif Tub, Atrophy	1										1 1.0
Hematopoietic System											
Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation				4							1 4.0

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	3	3	8	8	3	8	5	3	8	8
	2	2	5	5	3	9	8	3	6	7
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	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	2
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

Eye

+ 1

Urinary System

Kidney

+ + + + + + + + + + 10

Hydronephrosis

3 1 3.0

Urinary Bladder

+ + + + + + + + + + 10

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| TRAMP Mouse Male
EGCG 200MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Hyperplasia, Grade 3, Diffuse | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 3, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 3, Multifocal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 4, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 4, Multifocal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 5, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 5, Multifocal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prostate, Lateral Lobe | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 3, Diffuse | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 3, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 3, Multifocal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 4, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prostate, Ventral Lobe | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 2, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 2, Multifocal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 3, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 3, Multifocal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Seminal Vesicle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 2, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 2, Multifocal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Grade 3, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Papillary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Testes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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**TRAMP Mouse Male
EGCG 200MG/KG**

| | | |
|-------------|---|----------------|
| DAY ON TEST | 0 | |
| | 0 | |
| | 8 | |
| | 7 | |
| ANIMAL ID | 0 | |
| | 0 | |
| | 0 | |
| | 9 | |
| | 6 | *TOTALS |

Alimentary System

| | | | |
|---------------------|---|----|-----|
| Liver | + | 32 | |
| Inflammation, Focal | | 8 | 1.0 |
| Tension Lipidosis | 2 | 2 | 2.0 |

Cardiovascular System

NONE

Endocrine System

| | | | |
|-----------------|---|----|--|
| Pituitary Gland | + | 26 | |
|-----------------|---|----|--|

General Body System

NONE

Genital System

| | | | |
|----------------------------------|---|----|-----|
| Epididymis | + | 31 | |
| Duct, Atypia Cellular | | 1 | 1.0 |
| Inflammation, Focal | | 1 | 1.0 |
| Prostate, Anterior Lobe | + | 32 | |
| Hyperplasia, Grade 3, Focal | | 6 | |
| Hyperplasia, Grade 3, Multifocal | X | 23 | |
| Hyperplasia, Grade 4, Focal | | 2 | |
| Hyperplasia, Grade 4, Multifocal | | 1 | |
| Prostate, Dorsal Lobe | + | 32 | |

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|-----------------------------------|-------------|----------------|
| | ANIMAL ID | |
| | 0 | |
| | 0 | |
| | 8 | |
| | 7 | |
| | 0 | |
| | 0 | |
| | 0 | |
| | 9 | |
| | 6 | |
| | | *TOTALS |
| Hyperplasia, Grade 3, Diffuse | | 1 |
| Hyperplasia, Grade 3, Focal | | 3 |
| Hyperplasia, Grade 3, Multifocal | | 9 |
| Hyperplasia, Grade 4, Focal | | 12 |
| Hyperplasia, Grade 4, Multifocal | X | 4 |
| Hyperplasia, Grade 5, Focal | | 2 |
| Hyperplasia, Grade 5, Multifocal | | 1 |
| Prostate, Lateral Lobe | + | 31 |
| Hyperplasia, Grade 3, Diffuse | | 11 |
| Hyperplasia, Grade 3, Focal | | 3 |
| Hyperplasia, Grade 3, Multifocal | | 16 |
| Hyperplasia, Grade 4, Focal | X | 1 |
| Prostate, Ventral Lobe | + | 23 |
| Hyperplasia, Grade 2, Focal | | 1 |
| Hyperplasia, Grade 2, Multifocal | | 2 |
| Hyperplasia, Grade 3, Focal | X | 17 |
| Hyperplasia, Grade 3, Multifocal | | 3 |
| Seminal Vesicle | + | 32 |
| Hyperplasia, Grade 2, Focal | | 5 |
| Hyperplasia, Grade 2, Multifocal | | 2 |
| Hyperplasia, Grade 3, Focal | | 4 |
| Hyperplasia, Papillary | | 4 |
| Testes | + | 32 |

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EGCG 200MG/KG | DAY ON TEST | | |
|--|-----------------------|---------|-----|
| | 0
0
8
7 | | |
| | ANIMAL ID | | |
| | 0
0
0
9
6 | *TOTALS | |
| Germinal Epith, Syncytial Alteration | 1 | 2 | 1.0 |
| Seminif Tub, Atrophy | | 2 | 1.0 |
| Hematopoietic System | | | |
| Spleen | + | 31 | |
| Integumentary System | | | |
| NONE | | | |
| Musculoskeletal System | | | |
| NONE | | | |
| Nervous System | | | |
| NONE | | | |
| Respiratory System | | | |
| NONE | | | |
| Special Senses System | | | |
| NONE | | | |
| Urinary System | | | |
| Kidney | + | 32 | |
| Cortex, Renal Tubule, Regeneration, Focal | | 3 | 1.0 |
| Medulla, Renal Tubule, Dilatation, Focal | | 1 | 1.0 |
| Medulla, Renal Tubule, Regeneration, Focal | | 1 | 1.0 |

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EGCG 200MG/KG

| DAY ON TEST | ANIMAL ID | |
|-------------|-----------|----------------|
| 0 | 0 | |
| 0 | 0 | |
| 8 | 0 | |
| 7 | 0 | |
| | 9 | |
| | 6 | |
| | | *TOTALS |

Urinary Bladder

+ 26

END OF MALE DATA

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