

Experiment Number: 20108-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate
CAS Number: 989-51-5

Date Report Requested: 10/23/2014
Time Report Requested: 13:32:34
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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P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF ANTIOXIDANT MODEL (TRAMP) -

MALE MOUSE

Organ

Prostate, Anterior Lobe

Morphology

Hyperplasia Grade 1 Focal

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First Dose M/F: NA / NA
Lab: ILS

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(C57BL/6)
LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Epididymis		
Inflammation Diffuse		
LESION RATES		
OVERALL(a)	0/10 (0%)	1/30 (3%)
POLY-3 RATE (b)	0/6.07	1/19.15
POLY-3 PERCENT (g)	0%	5.2%
INT SACRIFICE 1	0/3 (0%)	0/6 (0%)
INT SACRIFICE 2	0/1 (0%)	1/6 (17%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	58(l)
STATISTICAL TESTS		
POLY 3	P=0.726	P=0.726
POLY 1.5	P=0.725	P=0.725
POLY 6	P=0.723	P=0.723
COCH-ARM / FISHERS	P=0.721	P=0.750
MAX-ISO-POLY-3	P=0.327	P=0.327
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(C57BL/6)
LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Kidney		
Infiltration Cellular Mononuclear CI Focal		
LESION RATES		
OVERALL(a)	1/10 (10%)	0/32 (0%)
POLY-3 RATE (b)	1/6.16	0/20.33
POLY-3 PERCENT (g)	16.2%	0%
INT SACRIFICE 1	0/3 (0%)	0/6 (0%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	86(l)	---
STATISTICAL TESTS		
POLY 3	P=0.257N	P=0.257N
POLY 1.5	P=0.256N	P=0.256N
POLY 6	P=0.264N	P=0.264N
COCH-ARM / FISHERS	P=0.267N	P=0.238N
MAX-ISO-POLY-3	P=0.066N	P=0.066N
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

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LAST REMOVAL AT 13 WEEKS

			MALE
DOSE	VEHICLE CONTROL	EGCG 200MG/KG	
Kidney			
Inflammation Focal			
LESION RATES			
OVERALL(a)	0/10 (0%)	1/32 (3%)	
POLY-3 RATE (b)	0/6.07	1/20.43	
POLY-3 PERCENT (g)	0%	4.9%	
INT SACRIFICE 1	0/3 (0%)	0/6 (0%)	
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)	
TERMINAL (d)	0/0 (0%)	0/0 (0%)	
FIRST INCIDENCE	---	86(l)	
STATISTICAL TESTS			
POLY 3	P=0.738	P=0.738	
POLY 1.5	P=0.738	P=0.738	
POLY 6	P=0.735	P=0.735	
COCH-ARM / FISHERS	P=0.733	P=0.762	
MAX-ISO-POLY-3	P=0.333	P=0.333	
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(C57BL/6)
LAST REMOVAL AT 13 WEEKS

DOSE	VEHICLE CONTROL	EGCG 200MG/KG	MALE
Kidney: Cortex, Renal Tubule			
Regeneration Focal			
LESION RATES			
OVERALL(a)	0/10 (0%)	1/32 (3%)	
POLY-3 RATE (b)	0/6.07	1/20.46	
POLY-3 PERCENT (g)	0%	4.9%	
INT SACRIFICE 1	0/3 (0%)	0/6 (0%)	
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)	
TERMINAL (d)	0/0 (0%)	0/0 (0%)	
FIRST INCIDENCE	---	85(l)	
STATISTICAL TESTS			
POLY 3	P=0.738	P=0.738	
POLY 1.5	P=0.738	P=0.738	
POLY 6	P=0.735	P=0.735	
COCH-ARM / FISHERS	P=0.733	P=0.762	
MAX-ISO-POLY-3	P=0.334	P=0.334	
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Kidney: Medulla, Renal Tubule		
Dilatation Focal		
LESION RATES		
OVERALL(a)	1/10 (10%)	1/32 (3%)
POLY-3 RATE (b)	1/6.16	1/21.29
POLY-3 PERCENT (g)	16.2%	4.7%
INT SACRIFICE 1	0/3 (0%)	1/6 (17%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	86(l)	32(l)
STATISTICAL TESTS		
POLY 3	P=0.465N	P=0.465N
POLY 1.5	P=0.465N	P=0.465N
POLY 6	P=0.475N	P=0.475N
COCH-ARM / FISHERS	P=0.484N	P=0.424N
MAX-ISO-POLY-3	P=0.227N	P=0.227N
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

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LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
<hr/>		
Liver		
Degeneration		
<hr/>		
LESION RATES		
OVERALL(a)	0/10 (0%)	1/32 (3%)
POLY-3 RATE (b)	0/6.07	1/20.55
POLY-3 PERCENT (g)	0%	4.9%
INT SACRIFICE 1	0/3 (0%)	0/6 (0%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	82
<hr/>		
STATISTICAL TESTS		
POLY 3	P=0.739	P=0.739
POLY 1.5	P=0.738	P=0.738
POLY 6	P=0.736	P=0.736
COCH-ARM / FISHERS	P=0.733	P=0.762
MAX-ISO-POLY-3	P=0.334	P=0.334
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

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LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Liver		
Inflammation Focal		
LESION RATES		
OVERALL(a)	4/10 (40%)	10/32 (31%)
POLY-3 RATE (b)	4/7.90	10/23.80
POLY-3 PERCENT (g)	50.6%	42%
INT SACRIFICE 1	1/3 (33%)	1/6 (17%)
INT SACRIFICE 2	1/1 (100%)	3/6 (50%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	33(l)	32(l)
STATISTICAL TESTS		
POLY 3	P=0.497N	P=0.497N
POLY 1.5	P=0.467N	P=0.467N
POLY 6	P=0.541N	P=0.541N
COCH-ARM / FISHERS	P=0.449N	P=0.440N
MAX-ISO-POLY-3	P=0.362N	P=0.362N
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

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LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Liver		
Tension Lipidosis		
LESION RATES		
OVERALL(a)	0/10 (0%)	2/32 (6%)
POLY-3 RATE (b)	0/6.07	2/22.02
POLY-3 PERCENT (g)	0%	9.1%
INT SACRIFICE 1	0/3 (0%)	1/6 (17%)
INT SACRIFICE 2	0/1 (0%)	1/6 (17%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	32(l)
STATISTICAL TESTS		
POLY 3	P=0.546	P=0.546
POLY 1.5	P=0.541	P=0.541
POLY 6	P=0.544	P=0.544
COCH-ARM / FISHERS	P=0.516	P=0.576
MAX-ISO-POLY-3	P=0.281	P=0.281
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

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LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Prostate, Anterior Lobe		
Hyperplasia Focal		
LESION RATES		
OVERALL(a)	0/10 (0%)	1/32 (3%)
POLY-3 RATE (b)	0/6.07	1/21.29
POLY-3 PERCENT (g)	0%	4.7%
INT SACRIFICE 1	0/3 (0%)	1/6 (17%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	32(l)
STATISTICAL TESTS		
POLY 3	P=0.743	P=0.743
POLY 1.5	P=0.741	P=0.741
POLY 6	P=0.741	P=0.741
COCH-ARM / FISHERS	P=0.733	P=0.762
MAX-ISO-POLY-3	P=0.340	P=0.340
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

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 LAST REMOVAL AT 13 WEEKS**

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Prostate, Anterior Lobe		
Hyperplasia Grade 1 Focal		
LESION RATES		
OVERALL(a)	0/10 (0%)	17/32 (53%)
POLY-3 RATE (b)	0/6.07	17/26.65
POLY-3 PERCENT (g)	0%	63.8%
INT SACRIFICE 1	0/3 (0%)	2/6 (33%)
INT SACRIFICE 2	0/1 (0%)	5/6 (83%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	32(l)
STATISTICAL TESTS		
POLY 3	P=0.009**	P=0.009**
POLY 1.5	P=0.005**	P=0.005**
POLY 6	P=0.011*	P=0.011*
COCH-ARM / FISHERS	P=0.004**	P=0.002**
MAX-ISO-POLY-3	P=0.009**	P=0.015*
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

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LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Prostate, Anterior Lobe		
Hyperplasia Grade 3 Focal		
LESION RATES		
OVERALL(a)	0/10 (0%)	1/32 (3%)
POLY-3 RATE (b)	0/6.07	1/21.29
POLY-3 PERCENT (g)	0%	4.7%
INT SACRIFICE 1	0/3 (0%)	1/6 (17%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	32(l)
STATISTICAL TESTS		
POLY 3	P=0.743	P=0.743
POLY 1.5	P=0.741	P=0.741
POLY 6	P=0.741	P=0.741
COCH-ARM / FISHERS	P=0.733	P=0.762
MAX-ISO-POLY-3	P=0.340	P=0.340
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

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LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Prostate, Anterior Lobe		
Inflammation		
LESION RATES		
OVERALL(a)	0/10 (0%)	1/32 (3%)
POLY-3 RATE (b)	0/6.07	1/20.33
POLY-3 PERCENT (g)	0%	4.9%
INT SACRIFICE 1	0/3 (0%)	0/6 (0%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	89(T)(I)
STATISTICAL TESTS		
POLY 3	P=0.737	P=0.737
POLY 1.5	P=0.737	P=0.737
POLY 6	P=0.734	P=0.734
COCH-ARM / FISHERS	P=0.733	P=0.762
MAX-ISO-POLY-3	P=0.332	P=0.332
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

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LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Prostate, Anterior Lobe		
Inflammation Focal		
LESION RATES		
OVERALL(a)	1/10 (10%)	0/32 (0%)
POLY-3 RATE (b)	1/6.13	0/20.33
POLY-3 PERCENT (g)	16.3%	0%
INT SACRIFICE 1	0/3 (0%)	0/6 (0%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	87(l)	---
STATISTICAL TESTS		
POLY 3	P=0.256N	P=0.256N
POLY 1.5	P=0.255N	P=0.255N
POLY 6	P=0.262N	P=0.262N
COCH-ARM / FISHERS	P=0.267N	P=0.238N
MAX-ISO-POLY-3	P=0.066N	P=0.066N
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

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LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Prostate, Dorsal Lobe		
Hyperplasia Grade 3 Focal		
LESION RATES		
OVERALL(a)	0/10 (0%)	1/32 (3%)
POLY-3 RATE (b)	0/6.07	1/21.29
POLY-3 PERCENT (g)	0%	4.7%
INT SACRIFICE 1	0/3 (0%)	1/6 (17%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	32(l)
STATISTICAL TESTS		
POLY 3	P=0.743	P=0.743
POLY 1.5	P=0.741	P=0.741
POLY 6	P=0.741	P=0.741
COCH-ARM / FISHERS	P=0.733	P=0.762
MAX-ISO-POLY-3	P=0.340	P=0.340
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

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LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Prostate, Dorsal Lobe		
Inflammation		
LESION RATES		
OVERALL(a)	0/10 (0%)	1/32 (3%)
POLY-3 RATE (b)	0/6.07	1/20.33
POLY-3 PERCENT (g)	0%	4.9%
INT SACRIFICE 1	0/3 (0%)	0/6 (0%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	89(T)(I)
STATISTICAL TESTS		
POLY 3	P=0.737	P=0.737
POLY 1.5	P=0.737	P=0.737
POLY 6	P=0.734	P=0.734
COCH-ARM / FISHERS	P=0.733	P=0.762
MAX-ISO-POLY-3	P=0.332	P=0.332
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

Experiment Number: 20108-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate
CAS Number: 989-51-5

Date Report Requested: 10/23/2014
Time Report Requested: 13:32:34
First Dose M/F: NA / NA
Lab: ILS

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(C57BL/6)
LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Prostate, Lateral Lobe		
Hyperplasia Grade 2 Focal		
LESION RATES		
OVERALL(a)	0/9 (0%)	1/30 (3%)
POLY-3 RATE (b)	0/6.02	1/19.60
POLY-3 PERCENT (g)	0%	5.1%
INT SACRIFICE 1	0/2 (0%)	1/6 (17%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	33(l)
STATISTICAL TESTS		
POLY 3	P=0.735	P=0.735
POLY 1.5	P=0.738	P=0.738
POLY 6	P=0.732	P=0.732
COCH-ARM / FISHERS	P=0.741	P=0.769
MAX-ISO-POLY-3	P=0.325	P=0.325
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

Experiment Number: 20108-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate
CAS Number: 989-51-5

Date Report Requested: 10/23/2014
Time Report Requested: 13:32:34
First Dose M/F: NA / NA
Lab: ILS

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(C57BL/6)
LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Prostate, Lateral Lobe		
Hyperplasia Grade 3 Focal		
LESION RATES		
OVERALL(a)	0/9 (0%)	1/30 (3%)
POLY-3 RATE (b)	0/6.02	1/19.60
POLY-3 PERCENT (g)	0%	5.1%
INT SACRIFICE 1	0/2 (0%)	1/6 (17%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	32(l)
STATISTICAL TESTS		
POLY 3	P=0.735	P=0.735
POLY 1.5	P=0.738	P=0.738
POLY 6	P=0.732	P=0.732
COCH-ARM / FISHERS	P=0.741	P=0.769
MAX-ISO-POLY-3	P=0.325	P=0.325
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

Experiment Number: 20108-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate
CAS Number: 989-51-5

Date Report Requested: 10/23/2014
Time Report Requested: 13:32:34
First Dose M/F: NA / NA
Lab: ILS

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(C57BL/6)
LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Prostate, Lateral Lobe		
Inflammation		
LESION RATES		
OVERALL(a)	0/9 (0%)	2/30 (7%)
POLY-3 RATE (b)	0/6.02	2/19.60
POLY-3 PERCENT (g)	0%	10.2%
INT SACRIFICE 1	0/2 (0%)	1/6 (17%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	33(l)
STATISTICAL TESTS		
POLY 3	P=0.521	P=0.521
POLY 1.5	P=0.525	P=0.525
POLY 6	P=0.514	P=0.514
COCH-ARM / FISHERS	P=0.526	P=0.587
MAX-ISO-POLY-3	P=0.255	P=0.255
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

Experiment Number: 20108-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Mouse/C57BL/6

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate
 CAS Number: 989-51-5

Date Report Requested: 10/23/2014
 Time Report Requested: 13:32:34
 First Dose M/F: NA / NA
 Lab: ILS

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(C57BL/6)
 LAST REMOVAL AT 13 WEEKS**

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Prostate, Ventral Lobe		
Hyperplasia Grade 1 Focal		
LESION RATES		
OVERALL(a)	0/9 (0%)	1/27 (4%)
POLY-3 RATE (b)	0/5.10	1/18.03
POLY-3 PERCENT (g)	0%	5.5%
INT SACRIFICE 1	0/3 (0%)	1/6 (17%)
INT SACRIFICE 2	0/1 (0%)	0/4 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	33(l)
STATISTICAL TESTS		
POLY 3	P=0.740	P=0.740
POLY 1.5	P=0.735	P=0.735
POLY 6	P=0.742	P=0.742
COCH-ARM / FISHERS	P=0.721	P=0.750
MAX-ISO-POLY-3	P=0.345	P=0.345
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

Experiment Number: 20108-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate
CAS Number: 989-51-5

Date Report Requested: 10/23/2014
Time Report Requested: 13:32:34
First Dose M/F: NA / NA
Lab: ILS

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(C57BL/6)
LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Prostate, Ventral Lobe		
Hyperplasia Grade 3 Focal		
LESION RATES		
OVERALL(a)	0/9 (0%)	1/27 (4%)
POLY-3 RATE (b)	0/5.10	1/18.03
POLY-3 PERCENT (g)	0%	5.5%
INT SACRIFICE 1	0/3 (0%)	1/6 (17%)
INT SACRIFICE 2	0/1 (0%)	0/4 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	32(l)
STATISTICAL TESTS		
POLY 3	P=0.740	P=0.740
POLY 1.5	P=0.735	P=0.735
POLY 6	P=0.742	P=0.742
COCH-ARM / FISHERS	P=0.721	P=0.750
MAX-ISO-POLY-3	P=0.345	P=0.345
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

Experiment Number: 20108-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate
CAS Number: 989-51-5

Date Report Requested: 10/23/2014
Time Report Requested: 13:32:34
First Dose M/F: NA / NA
Lab: ILS

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(C57BL/6)
LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Prostate, Ventral Lobe		
Inflammation		
LESION RATES		
OVERALL(a)	0/9 (0%)	1/27 (4%)
POLY-3 RATE (b)	0/5.10	1/17.08
POLY-3 PERCENT (g)	0%	5.9%
INT SACRIFICE 1	0/3 (0%)	0/6 (0%)
INT SACRIFICE 2	0/1 (0%)	0/4 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	89(T)(I)
STATISTICAL TESTS		
POLY 3	P=0.734	P=0.734
POLY 1.5	P=0.730	P=0.730
POLY 6	P=0.734	P=0.734
COCH-ARM / FISHERS	P=0.721	P=0.750
MAX-ISO-POLY-3	P=0.336	P=0.336
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

Experiment Number: 20108-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate
CAS Number: 989-51-5

Date Report Requested: 10/23/2014
Time Report Requested: 13:32:34
First Dose M/F: NA / NA
Lab: ILS

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(C57BL/6)
LAST REMOVAL AT 13 WEEKS

DOSE	VEHICLE CONTROL	EGCG 200MG/KG	MALE
Spleen			
Hematopoietic Cell Proliferation			
LESION RATES			
OVERALL(a)	0/10 (0%)	1/31 (3%)	
POLY-3 RATE (b)	0/6.07	1/19.40	
POLY-3 PERCENT (g)	0%	5.2%	
INT SACRIFICE 1	0/3 (0%)	0/6 (0%)	
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)	
TERMINAL (d)	0/0 (0%)	0/0 (0%)	
FIRST INCIDENCE	---	89(T)(I)	
STATISTICAL TESTS			
POLY 3	P=0.729	P=0.729	
POLY 1.5	P=0.730	P=0.730	
POLY 6	P=0.725	P=0.725	
COCH-ARM / FISHERS	P=0.727	P=0.756	
MAX-ISO-POLY-3	P=0.327	P=0.327	
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20108-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate
CAS Number: 989-51-5

Date Report Requested: 10/23/2014
Time Report Requested: 13:32:34
First Dose M/F: NA / NA
Lab: ILS

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(C57BL/6)
LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Spleen: Lymph Follic		
Focal Cellular Change		
LESION RATES		
OVERALL(a)	0/10 (0%)	2/31 (6%)
POLY-3 RATE (b)	0/6.07	2/19.84
POLY-3 PERCENT (g)	0%	10.1%
INT SACRIFICE 1	0/3 (0%)	0/6 (0%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	82
STATISTICAL TESTS		
POLY 3	P=0.521	P=0.521
POLY 1.5	P=0.521	P=0.521
POLY 6	P=0.518	P=0.518
COCH-ARM / FISHERS	P=0.508	P=0.567
MAX-ISO-POLY-3	P=0.262	P=0.262
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

Experiment Number: 20108-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate
CAS Number: 989-51-5

Date Report Requested: 10/23/2014
Time Report Requested: 13:32:34
First Dose M/F: NA / NA
Lab: ILS

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(C57BL/6)
LAST REMOVAL AT 13 WEEKS

MALE		
DOSE	VEHICLE CONTROL	EGCG 200MG/KG
Urinary Bladder: Serosa		
Mineralization Focal		
LESION RATES		
OVERALL(a)	0/9 (0%)	1/32 (3%)
POLY-3 RATE (b)	0/5.16	1/20.46
POLY-3 PERCENT (g)	0%	4.9%
INT SACRIFICE 1	0/3 (0%)	0/6 (0%)
INT SACRIFICE 2	0/1 (0%)	0/6 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	85(l)
STATISTICAL TESTS		
POLY 3	P=0.765	P=0.765
POLY 1.5	P=0.762	P=0.762
POLY 6	P=0.763	P=0.763
COCH-ARM / FISHERS	P=0.754	P=0.780
MAX-ISO-POLY-3	P=0.352	P=0.352
HISTCONT SAME RTE		
HISTCONT ALL RTES		
CURR VS HC SAME RTE		
CURR VS HC ALL RTES		

Experiment Number: 20108-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate
CAS Number: 989-51-5

Date Report Requested: 10/23/2014
Time Report Requested: 13:32:34
First Dose M/F: NA / NA
Lab: ILS

LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (e) Value of statistic cannot be computed.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (n) No statistics are calculated if all dose groups have fewer than two tumors.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

**** END OF REPORT ****