

Experiment Number: 413543

Test Type: **Genetic Toxicology - Bacterial
Mutagenicity**

G06: Ames Summary Data

Test Compound: **p-Aminobenzoic acid**

CAS Number: **150-13-0**

Date Report Requested: **09/14/2018**

Time Report Requested: **23:14:15**

NTP Study Number:

413543

Study Result:

Negative

Experiment Number: 413543

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: p-Aminobenzoic acid

CAS Number: 150-13-0

Date Report Requested: 09/14/2018

Time Report Requested: 23:14:15

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	97 ± 6.1	95 ± 2.3	85 ± 6.5	112 ± 2.0	112 ± 13.1
100.0	107 ± 14.1	117 ± 6.5	94 ± 3.8	114 ± 8.9	116 ± 18.4
333.0	100 ± 8.1	107 ± 9.3	93 ± 4.7	119 ± 8.2	111 ± 6.1
1000.0	94 ± 7.0	101 ± 13.3	81 ± 8.2	125 ± 0.0	104 ± 12.6
3333.0	72 ± 0.6	84 ± 5.9	82 ± 4.0	101 ± 1.7	102 ± 18.4
10000.0	49 ± 14.5	20 ± 15.2 ^s	82 ± 4.5	85 ± 6.4 ^s	114 ± 19.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²	322 ± 9.3	360 ± 13.1			
Positive Control ³			504 ± 29.3	449 ± 22.1	1506 ± 62.8

Experiment Number: 413543

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **p-Aminobenzoic acid**

CAS Number: **150-13-0**

Date Report Requested: **09/14/2018**

Time Report Requested: **23:14:15**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	117 ± 8.8
100.0	114 ± 3.9
333.0	104 ± 6.4
1000.0	109 ± 11.7
3333.0	98 ± 5.9
10000.0	85 ± 4.2
Trial Summary	Negative
Positive Control ²	
Positive Control ³	1207 ± 26.5

Experiment Number: 413543

Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**

Test Compound: p-Aminobenzoic acid

CAS Number: 150-13-0

Date Report Requested: 09/14/2018

Time Report Requested: 23:14:15

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	26 ± 0.7	26 ± 3.3	5 ± 1.3	8 ± 3.3	9 ± 3.2
100.0	36 ± 2.4	19 ± 4.7	10 ± 2.0	7 ± 1.2	11 ± 2.3
333.0	24 ± 2.9	22 ± 6.2	4 ± 0.7	7 ± 1.2	11 ± 2.8
1000.0	27 ± 4.8	24 ± 4.0	9 ± 2.7	11 ± 1.0	9 ± 2.4
3333.0	26 ± 0.7	17 ± 1.8	7 ± 0.9	6 ± 3.4	4 ± 0.3
10000.0	21 ± 4.0	5 ± 1.2	7 ± 3.1	2 ± 0.0	9 ± 1.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²	334 ± 10.6	340 ± 16.8			
Positive Control ⁴			185 ± 10.4	200 ± 17.9	396 ± 5.3

Experiment Number: 413543

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **p-Aminobenzoic acid**

CAS Number: **150-13-0**

Date Report Requested: **09/14/2018**

Time Report Requested: **23:14:15**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	9 ± 2.7
100.0	11 ± 1.2
333.0	11 ± 3.3
1000.0	10 ± 1.2
3333.0	9 ± 2.3
10000.0	5 ± 1.2
Trial Summary	Negative
Positive Control ²	
Positive Control ⁴	460 ± 10.7

Experiment Number: 413543

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: p-Aminobenzoic acid

CAS Number: 150-13-0

Date Report Requested: 09/14/2018

Time Report Requested: 23:14:15

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	5 ± 0.0	5 ± 1.0	10 ± 3.2	10 ± 1.7	8 ± 1.3
100.0	6 ± 1.5	4 ± 0.7	5 ± 1.3	7 ± 2.8	6 ± 1.2
333.0	7 ± 2.6	7 ± 1.9	3 ± 1.2	11 ± 1.3	8 ± 0.9
1000.0	5 ± 0.9	10 ± 1.8	10 ± 2.6	6 ± 0.9	7 ± 2.4
3333.0	7 ± 1.8	5 ± 0.9	8 ± 3.7	5 ± 1.2	7 ± 1.7
10000.0	5 ± 0.7	0 ± 0.0 ^s	7 ± 1.9	7 ± 0.3	8 ± 2.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			142 ± 8.6	129 ± 8.2	400 ± 16.2
Positive Control ⁵	143 ± 15.1	298 ± 37.1			

Experiment Number: 413543

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **p-Aminobenzoic acid**

CAS Number: **150-13-0**

Date Report Requested: **09/14/2018**

Time Report Requested: **23:14:15**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	6 ± 0.7
100.0	5 ± 2.2
333.0	6 ± 3.0
1000.0	12 ± 1.9
3333.0	4 ± 1.9
10000.0	8 ± 2.3
Trial Summary	Negative
Positive Control ⁴	341 ± 29.2
Positive Control ⁵	

Experiment Number: 413543

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: p-Aminobenzoic acid

CAS Number: 150-13-0

Date Report Requested: 09/14/2018

Time Report Requested: 23:14:15

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	15 ± 2.0	15 ± 2.7	24 ± 3.0	25 ± 2.2	21 ± 2.7
100.0	20 ± 3.4	16 ± 1.0	25 ± 1.0	17 ± 1.7	35 ± 5.6
333.0	24 ± 2.5	15 ± 0.3	29 ± 3.7	18 ± 2.3	27 ± 4.7
1000.0	17 ± 1.2	15 ± 5.5	22 ± 5.2	18 ± 0.9	26 ± 2.8
3333.0	16 ± 1.5	12 ± 2.2	22 ± 4.4	22 ± 3.8	21 ± 3.9
10000.0	13 ± 2.7	0 ± 0.0 ^s	22 ± 4.2	17 ± 2.3	24 ± 2.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³			194 ± 9.3	131 ± 23.5	1126 ± 35.9
Positive Control ⁶	707 ± 19.1	637 ± 31.3			

Experiment Number: 413543

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **p-Aminobenzoic acid**

CAS Number: 150-13-0

Date Report Requested: 09/14/2018

Time Report Requested: 23:14:15

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	33 ± 2.7
100.0	27 ± 2.7
333.0	28 ± 2.5
1000.0	23 ± 2.0
3333.0	24 ± 2.0
10000.0	14 ± 1.0 ^s
Trial Summary	Negative
Positive Control ³	579 ± 25.8
Positive Control ⁶	

Experiment Number: 413543

Test Type: **Genetic Toxicology - Bacterial
Mutagenicity**

G06: Ames Summary Data

Test Compound: **p-Aminobenzoic acid**

CAS Number: **150-13-0**

Date Report Requested: **09/14/2018**

Time Report Requested: **23:14:15**

LEGEND

Values given as Mean or Mean \pm Standard Error Mean

The number of samples = 3, unless samples marked toxic or contaminated were excluded from mean and SEM calculations

CAS Number = Chemical Abstracts Service registry number

1: Vehicle Control: Dimethyl Sulfoxide

2: 1.0 ug/Plate Sodium Azide

3: 1.0 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**** END OF REPORT ****