

Experiment Number: 418937

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Medroxyprogesteroneacetate

CAS Number: 71-58-9

Date Report Requested: 09/14/2018

Time Report Requested: 23:56:00

NTP Study Number:

418937

Study Result:

Negative

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Test Compound: Medroxyprogesteroneacetate

CAS Number: 71-58-9

Date Report Requested: 09/14/2018

Time Report Requested: 23:56:00

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	109 ± 4.4	109 ± 6.4	127 ± 12.2	112 ± 0.3	100 ± 7.0
100.0	101 ± 9.4	97 ± 6.3 ^p	117 ± 3.3 ^p	123 ± 0.9	105 ± 9.0 ^p
333.0	104 ± 4.9 ^p	117 ± 8.1 ^p	69 ± 25.5 ^p	130 ± 2.2 ^p	112 ± 6.4 ^p
1000.0	108 ± 8.8 ^p	107 ± 2.9 ^p	107 ± 1.5 ^p	134 ± 6.6 ^p	118 ± 9.3 ^p
3333.0	99 ± 4.4 ^p	104 ± 3.1 ^p	112 ± 2.9 ^p	121 ± 10.7 ^p	120 ± 8.2 ^p
10000.0	114 ± 3.5 ^p	103 ± 10.1 ^p	124 ± 2.0 ^p	117 ± 7.4 ^p	102 ± 5.5 ^p
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					750 ± 44.8
Positive Control ³	522 ± 31.1	432 ± 7.0			
Positive Control ⁴			925 ± 45.3		
Positive Control ⁵					
Positive Control ⁶				2470 ± 285.6	

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	108 ± 3.1
100.0	107 ± 10.8
333.0	122 ± 6.8 ^P
1000.0	120 ± 7.4 ^P
3333.0	114 ± 2.8 ^P
10000.0	116 ± 9.1 ^P
Trial Summary	Negative
Positive Control ²	
Positive Control ³	
Positive Control ⁴	
Positive Control ⁵	758 ± 14.8
Positive Control ⁶	

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Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	29 ± 2.1	22 ± 3.0	7 ± 1.3	20 ± 2.2	11 ± 2.3
100.0	23 ± 5.2	13 ± 1.2 ^p	10 ± 1.9 ^p	18 ± 3.2	12 ± 2.1 ^p
333.0	25 ± 2.6 ^p	19 ± 2.0 ^p	11 ± 1.2 ^p	18 ± 5.0 ^p	14 ± 1.8 ^p
1000.0	27 ± 1.5 ^p	17 ± 1.7 ^p	9 ± 2.6 ^p	15 ± 4.3 ^p	9 ± 2.4 ^p
3333.0	30 ± 2.3 ^p	22 ± 1.7 ^p	9 ± 1.7 ^p	17 ± 1.3 ^p	13 ± 1.3 ^p
10000.0	19 ± 2.6 ^p	19 ± 3.0 ^p	13 ± 1.8 ^p	15 ± 0.6 ^p	11 ± 1.5 ^p
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					99 ± 13.9
Positive Control ³	220 ± 13.8	248 ± 19.5			
Positive Control ⁵					
Positive Control ⁶			322 ± 15.2	127 ± 2.9	

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Test Compound: Medroxyprogesteroneacetate

CAS Number: 71-58-9

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Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	14 ± 1.2
100.0	16 ± 0.6
333.0	15 ± 1.2 ^p
1000.0	17 ± 1.3 ^p
3333.0	18 ± 1.5 ^p
10000.0	15 ± 1.3 ^p
Trial Summary	Negative
Positive Control ²	
Positive Control ³	
Positive Control ⁵	209 ± 19.3
Positive Control ⁶	

Experiment Number: 418937

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G06: Ames Summary Data

Test Compound: Medroxyprogesteroneacetate

CAS Number: 71-58-9

Date Report Requested: 09/14/2018

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Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	114 ± 6.7	106 ± 6.4	130 ± 6.9	192 ± 12.0	102 ± 10.2
100.0	110 ± 9.2	117 ± 4.9 ^p	111 ± 3.2 ^p	175 ± 7.8	113 ± 6.2 ^p
333.0	125 ± 7.0 ^p	106 ± 3.5 ^p	118 ± 3.1 ^p	167 ± 8.6 ^p	131 ± 4.4 ^p
1000.0	113 ± 6.2 ^p	114 ± 9.3 ^p	116 ± 7.4 ^p	154 ± 18.6 ^p	115 ± 8.3 ^p
3333.0	130 ± 0.9 ^p	123 ± 7.3 ^p	122 ± 3.8 ^p	179 ± 7.8 ^p	119 ± 5.7 ^p
10000.0	128 ± 3.8 ^p	129 ± 8.0 ^p	128 ± 5.7 ^p	180 ± 8.2 ^p	127 ± 7.2 ^p
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁷	500 ± 15.3	466 ± 27.3			
Positive Control ⁴					791 ± 60.8
Positive Control ⁶			1636 ± 107.4	683 ± 44.6	

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Test Compound: Medroxyprogesteroneacetate
CAS Number: 71-58-9

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Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	169 ± 4.7
100.0	178 ± 19.8
333.0	204 ± 3.0 ^P
1000.0	166 ± 14.6 ^P
3333.0	177 ± 1.0 ^P
10000.0	145 ± 22.5 ^P
Trial Summary	Negative
Positive Control ⁷	
Positive Control ⁴	
Positive Control ⁶	1256 ± 6.5

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Test Compound: Medroxyprogesteroneacetate

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	19 ± 1.9	38 ± 1.5	34 ± 4.4	27 ± 2.1	35 ± 0.7
100.0	18 ± 0.0	36 ± 2.6 ^P	38 ± 4.8 ^P	32 ± 2.3	41 ± 3.2 ^P
333.0	15 ± 3.7	41 ± 5.5 ^P	32 ± 4.1 ^P	19 ± 0.3 ^P	38 ± 2.7 ^P
1000.0	19 ± 1.5 ^P	43 ± 7.2 ^P	29 ± 3.0 ^P	24 ± 3.8 ^P	41 ± 5.2 ^P
3333.0	17 ± 1.8 ^P	37 ± 2.7 ^P	37 ± 3.4 ^P	21 ± 0.7 ^P	45 ± 6.0 ^P
10000.0	20 ± 0.7 ^P	33 ± 5.7 ^P	35 ± 3.8 ^P	22 ± 3.5 ^P	39 ± 3.8 ^P
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			326 ± 7.2		723 ± 18.0
Positive Control ⁸	269 ± 43.4	352 ± 18.5			
Positive Control ⁵				250 ± 10.1	

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Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Medroxyprogesteroneacetate

CAS Number: 71-58-9

Date Report Requested: 09/14/2018

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Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	27 ± 1.2
100.0	22 ± 3.2
333.0	27 ± 4.6 ^p
1000.0	25 ± 1.2 ^p
3333.0	26 ± 4.6 ^p
10000.0	21 ± 1.9 ^p
Trial Summary	Negative
Positive Control ²	
Positive Control ⁸	
Positive Control ⁵	409 ± 29.9

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

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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: 0.4 ug/Plate 2-Aminoanthracene

3: 0.5 ug/Plate Sodium Azide

4: 0.75 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate 2-Aminoanthracene

6: 2.0 ug/Plate 2-Aminoanthracene

7: 0.05 ug/Plate Icr-191

8: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

p: Precipitate

**** END OF REPORT ****