

Experiment Number: A53831

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

G06: Ames Summary Data

Test Compound: **Androstenedione**

CAS Number: **63-05-8**

Date Report Requested: **09/17/2018**

Time Report Requested: **04:36:37**

NTP Study Number:

A53831

Study Result:

Negative

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	103 ± 7.2	64 ± 2.6	94 ± 1.7	63 ± 4.3
100.0	97 ± 2.7	72 ± 3.5	70 ± 3.6	44 ± 1.2
500.0	77 ± 5.8	45 ± 0.3	62 ± 1.9	42 ± 2.3
1500.0	64 ± 2.5	15 ± 2.8	22 ± 4.5	34 ± 2.2
2500.0	7 ± 1.9 ^P	15 ± 2.3	28 ± 3.8 ^P	24 ± 1.3
3500.0	6 ± 0.9 ^P	14 ± 3.0	20 ± 5.2 ^P	24 ± 1.2
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²	844 ± 95.1	337 ± 36.4		
Positive Control ³			1086 ± 2.1	383 ± 10.5

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	24 ± 0.7	18 ± 1.7	34 ± 1.7	28 ± 5.7
100.0	32 ± 1.9	25 ± 0.9	48 ± 5.7	
500.0	42 ± 4.7	22 ± 1.5	43 ± 3.8	26 ± 1.3
1500.0	36 ± 0.3	12 ± 1.5	26 ± 2.0	22 ± 3.1
2500.0	5 ± 0.9 ^P	7 ± 1.2	32 ± 2.3	19 ± 1.3
3500.0	3 ± 0.7 ^P	3 ± 1.2	28 ± 3.1	
5000.0				19 ± 0.6
7500.0				19 ± 1.5
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ³			787 ± 4.0	379 ± 16.7
Positive Control ⁴	441 ± 42.5	603 ± 9.8		

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Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	188 ± 3.8	124 ± 1.8	225 ± 14.5	175 ± 8.9
1000.0	148 ± 3.3	116 ± 4.0	171 ± 6.1	148 ± 12.8
2500.0	132 ± 5.5	120 ± 8.4	168 ± 8.3	150 ± 7.1
5000.0	137 ± 4.3	132 ± 2.0	158 ± 3.1	140 ± 1.5
7500.0	207 ± 2.4	158 ± 2.4	189 ± 8.4	97 ± 1.0
10000.0	164 ± 7.4	168 ± 11.6	186 ± 2.6	96 ± 3.9
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁵			1298 ± 51.1	909 ± 57.0
Positive Control ⁶	1810 ± 66.4	1572 ± 82.1		

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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: 1.0 ug/Plate Sodium Azide

3: 2.5 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate 2-Nitrofluorene

5: 20.0 ug/Plate 2-Aminoanthracene

6: 4000.0 ug/Plate Methyl Methane Sulfonate

p: Precipitate

**** END OF REPORT ****