

Experiment Number: A66561

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/Tg.AC

G04: In Vivo Micronucleus Summary Data

Test Compound: Diethylstilbestrol

CAS Number: 56-53-1

Date Report Requested: 09/21/2018

Time Report Requested: 00:20:46

NTP Study Number:

A66561

Study Duration:

26 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 52; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (ug/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	12	1.00 ± 0.19	
30.0	11	1.32 ± 0.25	0.1575
240.0	13	0.73 ± 0.17	0.8476
480.0	12	1.42 ± 0.27	0.0944
Trend p-Value		0.2370	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 52; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (ug/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	8	1.19 ± 0.35	
30.0	12	1.29 ± 0.21	0.3863
240.0	11	0.77 ± 0.17	0.9028
480.0	8	1.75 ± 0.25	0.0945
Trend p-Value		0.1560	

Trial Summary: Negative

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LEGEND

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean \pm Standard Error Mean

Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean

Pairwise comparison to the concurrent control, dosed groups significant at $p = 0.025/\text{number of treatment groups}$; positive control value is significant at $p = 0.05$

Cochran-Armitage trend test, significant at $p = 0.025$

* Statistically significant pairwise or trend test

1: Vehicle Control: Corn Oil

**** END OF REPORT ****