

Experiment Number: A27424

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Feed

Species/Strain: Mouse/BRCA1(+/+)

G04: In Vivo Micronucleus Summary Data

Test Compound: Diethylstilbestrol

CAS Number: 56-53-1

Date Report Requested: 09/20/2018

Time Report Requested: 07:30:18

NTP Study Number:

A27424

Study Duration:

26 Weeks

Study Methodology:

Slide Scoring

Female Study Result:

Positive

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Tissue: Blood; Sex: Female; Number of Treatments: 182; Time interval between final treatment and cell sampling: 24 h

Dose (ppb)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control [†]	10	1.10 ± 0.38		10	0.40 ± 0.22		1.19 ± 0.12
640.0	10	3.20 ± 0.71	< 0.001 *	10	1.90 ± 0.23	< 0.001 *	1.96 ± 0.10
Trend p-Value		0.0010 *			0.0010 *		

Trial Summary: Positive

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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: Feed

**** END OF REPORT ****