Experiment Number: **A04328**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dermal**
Species/Strain: **Mouse/Tg.AC**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Diethylstilbestrol**
CAS Number: **56-53-1**

Date Report Requested: **09/19/2018**
Time Report Requested: **23:22:48**

NTP Study Number:	A04328
Study Duration:	26 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A04328**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dermal**

Species/Strain: **Mouse/Tg.AC**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Diethylstilbestrol**

CAS Number: **56-53-1**

Date Report Requested: **09/19/2018**

Time Report Requested: **23:22:48**

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]	10	1.10 ± 0.21	
30.0	12	0.96 ± 0.14	0.6783
240.0	11	1.09 ± 0.20	0.5112
480.0	11	1.55 ± 0.22	0.1057
Trend p-Value		0.0410	

Trial Summary: Negative

Experiment Number: **A04328**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dermal**

Species/Strain: **Mouse/Tg.AC**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Diethylstilbestrol**

CAS Number: **56-53-1**

Date Report Requested: **09/19/2018**

Time Report Requested: **23:22:48**

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]	12	1.38 ± 0.25	
30.0	11	0.86 ± 0.20	0.9485
240.0	13	1.15 ± 0.21	0.7569
480.0	6	1.42 ± 0.15	0.4601
Trend p-Value		0.2730	

Trial Summary: Negative

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 ± 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/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: Ethanol

** END OF REPORT **