

Experiment Number: A93135

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/TGAC (FVB/N)
HOMOZYGOUS

G04: In Vivo Micronucleus Summary Data

Test Compound: Ethinyl estradiol

CAS Number: 57-63-6

Date Report Requested: 09/21/2018

Time Report Requested: 11:28:40

NTP Study Number:

A93135

Study Duration:

26 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

Experiment Number: A93135
Test Type: Genetic Toxicology - Micronucleus
Route: Gavage
Species/Strain: Mouse/TGAC (FVB/N)
HOMOZYGOUS

G04: In Vivo Micronucleus Summary Data
Test Compound: Ethinyl estradiol
CAS Number: 57-63-6

Date Report Requested: 09/21/2018
Time Report Requested: 11:28:40

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

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	11	1.41 ± 0.31	
0.033	12	0.83 ± 0.22	0.9681
0.265	11	1.18 ± 0.23	0.7462
0.53	8	1.81 ± 0.39	0.1641
Trend p-Value		0.0300	

Trial Summary: Negative

Experiment Number: A93135
Test Type: Genetic Toxicology - Micronucleus
Route: Gavage
Species/Strain: Mouse/TGAC (FVB/N)
HOMOZYGOUS

G04: In Vivo Micronucleus Summary Data
Test Compound: Ethinyl estradiol
CAS Number: 57-63-6

Date Report Requested: 09/21/2018
Time Report Requested: 11:28:40

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

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	13	0.85 ± 0.19	
0.033	9	0.50 ± 0.17	0.8607
0.265	11	0.73 ± 0.28	0.6449
0.53	9	1.67 ± 0.39	0.0236
Trend p-Value		0.0050 *	

Trial Summary: Negative

Experiment Number: A93135

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/TGAC (FVB/N)

HOMOZYGOUS

G04: In Vivo Micronucleus Summary Data

Test Compound: Ethinyl estradiol

CAS Number: 57-63-6

Date Report Requested: 09/21/2018

Time Report Requested: 11:28:40

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: Carboxymethylcellulose

**** END OF REPORT ****