

Experiment Number: A79652
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: 17beta-Estradiol
CAS Number: 50-28-2

Date Report Requested: 09/21/2018
Time Report Requested: 05:01:29

NTP Study Number: A79652
Study Duration: 30 Hours
Study Methodology: Slide Scoring
Female Study Result: Negative

Experiment Number: A79652
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data
Test Compound: 17beta-Estradiol
CAS Number: 50-28-2

Date Report Requested: 09/21/2018
Time Report Requested: 05:01:29

Tissue: Bone marrow; Sex: Female; Number of Treatments: 1; Time interval between final treatment and cell sampling: 30 h

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	1.30 ± 0.30		62.10 ± 2.06
0.1	5	1.30 ± 0.41	0.5000	62.30 ± 1.40
1.0	5	1.90 ± 0.43	0.1442	63.30 ± 1.93
10.0	5	1.80 ± 0.44	0.1844	65.20 ± 1.71
Trend p-Value		0.2220		
Positive Control ²	5	13.10 ± 1.61	< 0.001 *	65.70 ± 3.58

Trial Summary: Negative

Experiment Number: A79652
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: 17beta-Estradiol
CAS Number: 50-28-2

Date Report Requested: 09/21/2018
Time Report Requested: 05:01:29

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: Dimethyl Sulfoxide

2: 15.0 mg/kg Cyclophosphamide

**** END OF REPORT ****