

Experiment Number: A72378
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data
Test Compound: Interferon A/D A(rHuIFN A/D-A)
CAS Number: EMTDP-97

Date Report Requested: 09/21/2018
Time Report Requested: 02:23:02

NTP Study Number:	A72378
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

Dose (units)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	4.70 ± 0.58		38.30 ± 2.03
25000.0	5	2.90 ± 0.53	0.9807	37.80 ± 3.33
50000.0	5	3.00 ± 0.52	0.9739	35.50 ± 4.38
100000.0	5	4.00 ± 0.47	0.7740	39.80 ± 6.10
Trend p-Value		0.6420		
Positive Control ²	5	7.40 ± 0.87	0.0069 *	39.30 ± 5.71

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: Phosphate Buffered Saline

2: 0.2 units Mitomycin-C

**** END OF REPORT ****