

Experiment Number: A38558

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/CD-1**

**G04: In Vivo Micronucleus Summary Data**

Test Compound: **3'-Azido-3'-deoxythymidine and 2',3'-Dideoxyinosine (AIDS initiative)**

CAS Number: **AZTDDICOMB**

Date Report Requested: **09/20/2018**

Time Report Requested: **11:54:16**

**NTP Study Number:**

A38558

**Study Duration:**

8 Days

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Positive

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Tissue: Blood; Sex: Male; Number of Treatments: 0; Time interval between final treatment and cell sampling: 24 h

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Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control <sup>1</sup>	5	3.50 ± 0.87		25.00 ± 0.96
1.0	5	189.80 ± 14.91	< 0.001 *	17.80 ± 2.27
2.0	5	220.50 ± 53.02	< 0.001 *	20.60 ± 1.62
3.0	5	243.10 ± 52.18	< 0.001 *	18.00 ± 4.37
Trend p-Value		< 0.001 *		

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Trial Summary: Positive

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LEGEND

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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: Maalox

**\*\* END OF REPORT \*\***