

Experiment Number: **A64786**

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: **23:21:03**

NTP Study Number:

A64786

Study Duration:

8 Days

Study Methodology:

Slide Scoring

Male Study Result:

Positive

Experiment Number: A64786

G04: In Vivo Micronucleus Summary Data

Date Report Requested: 09/20/2018

Test Type: Genetic Toxicology - Micronucleus

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

Time Report Requested: 23:21:03

Route: Gavage

CAS Number: AZTDDICOMB

Species/Strain: Mouse/CD-1

Tissue: Blood; Sex: Male; Number of Treatments: 16; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	3.70 ± 0.75		34.40 ± 3.31
250.0	5	4.50 ± 0.35	0.2581	34.70 ± 1.33
500.0	5	3.80 ± 0.51	0.4662	36.90 ± 1.58
750.0	5	7.90 ± 1.96	0.0021 *	36.90 ± 2.25
Trend p-Value		0.0030 *		

Trial Summary: Positive

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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: Maalox

**** END OF REPORT ****