

Experiment Number: A75317

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

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

**G04: In Vivo Micronucleus Summary Data**

Test Compound: **AZT+3TC+NVP combination**

CAS Number: **AZT3TCCOMBO**

Date Report Requested: **09/21/2018**

Time Report Requested: **03:45:23**

**NTP Study Number:**

A75317

**Study Duration:**

21 Days

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Positive

Experiment Number: A75317  
Test Type: Genetic Toxicology - Micronucleus  
Route: Gavage  
Species/Strain: Mouse/CD-1

**G04: In Vivo Micronucleus Summary Data**  
Test Compound: AZT+3TC+NVP combination  
CAS Number: AZT3TCCOMBO

Date Report Requested: 09/21/2018  
Time Report Requested: 03:45:23

---

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

---

		MN PCE/1000		% PCE	
Dose (mg/kg)	N	Mean ± SEM	p-Value	Mean ± SEM	
Vehicle Control <sup>1</sup>	5	2.30 ± 0.78		21.90 ± 2.24	
1.0	5	24.10 ± 1.94	0.0028 *	13.00 ± 1.81	
2.0	5	57.40 ± 11.21	< 0.001 *	13.50 ± 2.29	
3.0	5	66.90 ± 20.51	< 0.001 *	13.90 ± 1.81	
Trend p-Value		< 0.001 *			

Trial Summary: Positive

---

Experiment Number: A75317  
Test Type: Genetic Toxicology - Micronucleus  
Route: Gavage  
Species/Strain: Mouse/CD-1

**G04: In Vivo Micronucleus Summary Data**  
Test Compound: AZT+3TC+NVP combination  
CAS Number: AZT3TCCOMBO

Date Report Requested: 09/21/2018  
Time Report Requested: 03:45:23

#### 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  $p = 0.025$ /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: 0.2% Methylcellulose and 0.1% Tween 80 in water

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