

Experiment Number: **G04864**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Rat/Wistar Han**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Vincristine sulfate salt**
CAS Number: **2068-78-2**

Date Report Requested: **09/23/2018**

Time Report Requested: **12:05:44**

NTP Study Number: G04864
Study Duration: 4 Days
Study Methodology: Flow Cytometry
Male Study Result: Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 4; Time interval between final treatment and cell sampling: 24 h

Dose (ug/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control ¹	5	1.370 ± 0.222		5	0.078 ± 0.012		2.572 ± 0.090	
6.3	5	1.350 ± 0.154	0.5136	5	0.113 ± 0.012	0.2418	2.409 ± 0.210	0.5789
12.5	5	1.660 ± 0.344	0.2888	5	0.108 ± 0.035	0.2912	1.802 ± 0.279	0.0558
25.0	5	1.610 ± 0.271	0.3070	5	0.075 ± 0.008	0.3100	2.142 ± 0.169	0.0579
Trend p-Value		0.2004			0.6583		0.1556	

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

Pairwise comparison with the control group; values are significant at $P \leq 0.025$ by Williams or Dunn's test

Dose-related trend; significant at $P \leq 0.025$ by linear regression or Jonckheere's test

* Statistically significant pairwise or trend test

1: Vehicle Control: Saline

**** END OF REPORT ****