Experiment Number: **A63966**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dermal**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Dicyclohexylcarbodiimide**
CAS Number: **538-75-0**

Date Report Requested: **09/20/2018**
Time Report Requested: **23:01:54**

NTP Study Number:	A63966
Study Duration:	92 Days
Study Methodology:	Slide Scoring
Male Study Result:	Weakly Positive
Female Study Result:	Weakly Positive

Experiment Number: **A63966**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dermal**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Dicyclohexylcarbodiimide**
CAS Number: **538-75-0**

Date Report Requested: **09/20/2018**
Time Report Requested: **23:01:54**

Tissue: Blood; Sex: Male; Number of Treatments: 92; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	3.60 ± 0.43	
1.5	10	3.10 ± 0.48	0.7297
3.0	10	5.30 ± 0.50	0.0355
6.0	10	5.70 ± 0.70	0.0145
12.0	10	5.70 ± 0.68	0.0145
Trend p-Value		0.0030 *	

Trial Summary: Weakly Positive

Experiment Number: **A63966**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dermal**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Dicyclohexylcarbodiimide**

CAS Number: **538-75-0**

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

Time Report Requested: **23:01:54**

Tissue: Blood; Sex: Female; Number of Treatments: 92; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	2.70 ± 0.63	
1.5	10	3.70 ± 0.58	0.1053
3.0	10	5.10 ± 0.67	0.0032 *
6.0	10	4.30 ± 0.68	0.0277
12.0	10	4.40 ± 0.50	0.0216
Trend p-Value		0.0780	

Trial Summary: Weakly Positive

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 ± 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: Ethanol

** END OF REPORT **