

Study Number: I11054B

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

M09: Serum Antibody Concentrations for the T-Dependent Antigen Keyhole Limpet Hemocyanin (KLH)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 09/01/2021

Time Report Requested: 10:12:17

Lab: BRT with EPL

Study Number:

I11054B

Study Gender:

Both

PWG Approval Date:

See web page for date of PWG Approval

Version:

v1.3.2

Stat Version:

A

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F1 Males

Treatment Groups (mg/L)

	0	30	100	300	1000	15 mg/kg CPS
anti-KLH IgM (ug/mL)	105.64 ± 20.14 (12)	106.80 ± 24.32 (12)	116.78 ± 16.67 (12)	97.78 ± 8.24 (12)	127.62 ± 17.59 (11)	41.63 ± 3.83 (8) **
anti-KLH IgG (ug/mL)	7.063 ± 1.507 (12)	8.562 ± 2.196 (12)	5.294 ± 1.177 (12)	13.038 ± 2.933 (12)	8.140 ± 3.597 (11)	0.780 ± 0.000 (8) **

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F1 Females

Treatment Groups (mg/L)

	0	30	100	300	1000	15 mg/kg CPS
anti-KLH IgM (ug/mL)	143.29 ± 16.44 (12) *	179.30 ± 37.72 (12)	174.74 ± 30.79 (11)	99.57 ± 15.35 (10)	107.62 ± 16.20 (12)	39.18 ± 3.98 (8) **
anti-KLH IgG (ug/mL)	11.412 ± 2.654 (12)	17.456 ± 6.306 (12)	9.116 ± 2.090 (11)	21.366 ± 4.900 (11)	16.703 ± 8.780 (12)	0.780 ± 0.000 (8) **

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LEGEND

Data are displayed as mean \pm SEM (N) unless otherwise noted.

Statistical analysis was performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

Statistical analysis for the positive control group compared to the vehicle control group was performed using the Kruskal-Wallis test.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

KLH - Keyhole Limpet Hemocyanin; IgM - Immunoglobulin M; IgG - Immunoglobulin G

CPS = Cyclophosphamide

**** END OF REPORT ****