

Study Number: I10482
Test Type: TOX
Route: Dosing in Feed
Species/Strain: Mouse/B6C3F1/N

M19: TDAR SRBC: ELISpot
Test Compound: N-Butylbenzenesulfonamide
CAS Number: 3622-84-2

Date Report Requested: 11/04/2020
Time Report Requested: 14:11:17
Lab: Burleson Research Technologies

Study Number: I10482
Study Gender: Female
PWG Approval Date: See web page for date of PWG Approval
Version: v1.0.9

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Females

Treatment Groups (ppm)

	0	313	625	1250	2500	5000	50 mg/kg CPS
IgM AFC/10 ⁶ Spleen Cells	404.1 ± 52.9 (8)	426.3 ± 37.3 (8)	483.8 ± 24.5 (8)	479.7 ± 32.7 (8)	508.8 ± 47.1 (8)	467.2 ± 23.9 (8)	65.6 ± 13.0 (8) **
IgM AFC/Spleen (x10 ³)	22.79 ± 4.01 (8)	21.04 ± 2.91 (8)	24.32 ± 2.90 (8)	21.88 ± 2.88 (8)	23.59 ± 2.42 (8)	14.80 ± 1.69 (8)	0.73 ± 0.14 (8) **

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LEGEND

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

TDAR - T-Dependent Antibody Response; SRBC - Sheep Red Blood Cells; AFC - Antibody-Forming Cells; IgM - Immunoglobulin M

Statistical analysis 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 $P \leq 0.01$

CPS = Cyclophosphamide

**** END OF REPORT ****