

Anticonvulsant Screening Program

Test 22 Results - Formalin Test (Mice I.P.)

ASP ID: 87 XX Screen ID: 1

Solvent Code: SAL Solvent Prep: TT,SB Route Code: IP

Time of Test: 0.25 (hrs)

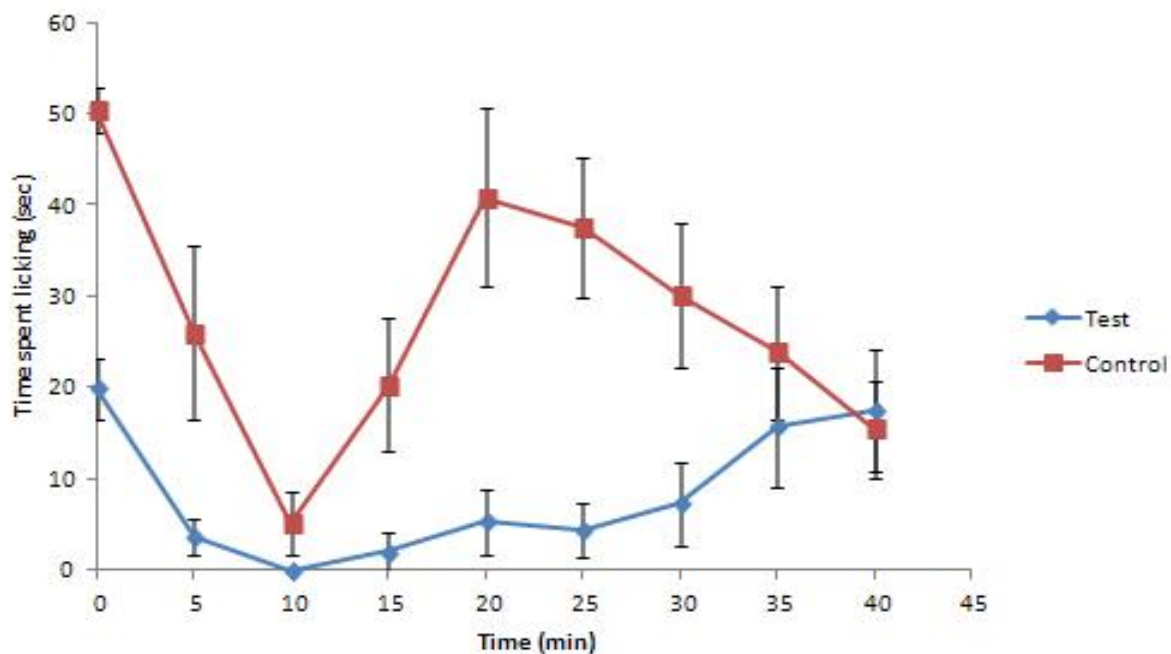
Date Started: 08-Feb-2012 Date Completed: 09-Feb-2012

Reference: F07:16

Analysis

Dose (mg/kg)	Test	Area Under the Curve				
		Control	Drug Treated	% of Control	S.E.M	p Value
33.0	Acute	268.77	67.85	25.24	5.69	< 0.01
33.0	Inflammatory	814.1	218.24	26.8	6.93	< 0.01

Formalin test, ADD# 87



Response

Trial 1

Dose (mg/kg)	Animal #	Duration of Licking (sec)											
		0 min	5 min	10 min	15 min	20 min	25 min	30 min	35 min	40 min	45 min	50 min	55 min

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0.0	01	62.48	66.72	25.3	18.21	12.39	65.18	19.75	4.58	28.01			
0.0	02	49.69	5.07	0	39.24	34.31	6.4	66.19	31.16	0			
0.0	03	48.34	21.46	0	54.24	32.16	50.01	7.85	31.03	7.21			
0.0	04	42.81	9.25	0	1.19	49.18	55.58	16.82	54.54	1.54			
0.0	05	51.04	62	0	35.88	12.55	19.37	40.33	25.46	0			
0.0	06	44.88	40.72	0	0	47.3	18.16	26.36	43.91	23.79			
0.0	07	45.9	2.9	0	0	39.25	55.16	6.36	0	22.69			
0.0	08	57.9	0	15.49	13.28	99.55	29.67	57.85	0	40.22			

Trial 1

Dose (mg/kg)	Animal #	Duration of Licking (sec)											
		0 min	5 min	10 min	15 min	20 min	25 min	30 min	35 min	40 min	45 min	50 min	55 min
33.0	01	23.64	4.09	0	0	25.64	20.24	36.57	11.78	3.39			
33.0	02	11.06	3.43	0	16.43	0	0	0	0	0			
33.0	03	18.27	0	0	0	0	0	0	0	39.78			
33.0	04	32.21	0	0	0	17.07	0	7.58	12.75	27.84			
33.0	05	15.1	5.03	0	0	0	0	14.31	13	24.57			
33.0	06	31.85	16.24	0	0	0	15.58	0	38.78	44.57			
33.0	07	5.28	0	0	0	0	0	0	0	0			
33.0	08	22.13	0	0	0	0	0	0	49.39	0			

Comments:

All animals were toxic after injection, but still able to lick their injected paw.