

Table B4

DRUGS	Mean volume of edema in ml ± SEM at different hours of carrageenin injection						
	1 Hour	2 hour	3 hour	4 hour	6 hour	24 hour	
NLE 62.5mg./kg. body wt.	7.5	4	1.7	2.7	3.1	2	
NLE 125mg./kg. body wt.	12.5	17.33	27	26	23	8.5	
NLE 250mg./kg. body wt.	12.5	40	51.28	52.32	52.63	28.57	
NLE 500mg./kg. body wt.	20	44	57.26	63.01	66.31	37.14	

NLE at the dose of 125 mg/kg body weight showed 27% inhibition of edema at 3rd hour and 26% at 4th hour of carrageenin injection. However at 4th hour of carrageenin injection, NLE with 250 and 500 mg/kg body weight inhibited the edema by 52.32% and 63.01% respectively.

Table C1

Effect of yeast (20ml/kg) on temperature pattern												
No. of rats	Rectal temperature In degree centigrade (°C)											
	Basal Temp	Initial pyrexia (10 hours after yeast)	Temperature at different hrs. after development of pyrexia									
			1/4	1/2	1	2	3	4	5	6	12	24
1	36.8	39.2	39.2	39.4	39.6	39	38.8	39.1	38.7	38.7	37.7	36.8
2	37	39.4	39.6	39.4	39.2	39.1	39.4	38.8	38.8	38.7	38	37.2
3	37.4	39.6	39.6	39.4	39.4	39.2	39	38.9	38.4	38.4	37.5	37.4
4	37.2	39.1	39.2	39	39	39	39.2	38.8	38.6	38.5	37.8	36.9
5	37.1	38.9	39.1	38.9	38.8	38.9	38.9	39	38.8	38.7	38	37
6	36.9	39.4	38.9	38.9	38.9	39.2	39	38.9	38.4	38.4	37.7	37.3
Mean	37.07	39.27	39.27	39.17	39.15	39.07	39.05	38.9	38.62	38.6	37.8	37.1
SEM	0.09	0.103	0.115	0.106	0.13	0.05	0.09	0.048	0.075	0.062	0.08	0.097

From the Above table it is evident that, the yeast induced pyrexia at 10th hr. of its injection and the pyrexia sustained for 12 hours. Then gradually the temperature reached basal level at about 24 hour of initial pyrexia.

Table C2

Effect of paracetamol 100mg/kg body weight on yeast induced pyrexia												
No. of rats	Rectal temperature In °C after drug administration											
	Basal Temp	Initial pyrexia (10 hours after yeast)	Temperature at different hrs. of drug administration									
			1/4	1/2	1	2	3	4	5	6	12	
1	37	39	38.4	37.8	36.7	36.6	36.6	37	37.1	36.9	37.2	
2	36.9	38.9	38.4	37.6	37.3	37	37.2	37	37	37	37	
3	37.1	39.2	39	38.2	37.1	37	37.1	37	36.8	37	37	
4	37.1	39	38.8	37.8	36.9	36.5	36.9	36.8	36.9	37	37.1	
5	36.5	38.7	38	38.3	37	36.8	36.8	36.8	36.5	36.5	37	
6	36.9	38.8	38.4	38	37.5	37.4	37.2	37	36.9	36.9	37	
Mean	36.92	38.93	c	d	d	d	d	d	d	d	d	
SEM	0.091	0.072	38.5	37.95	37.08	36.9	36.9	36.9	36.86	36.88	37.05	
		a=> p<0.05	b=> p<0.02	c=> p<0.01	d=> p<0.001							

Table C2 vs C1 shows that paracetamol produced significant antipyretic effect from 15 minutes of its administration till the observation period. Paracetamol brought the temperature down to normal from 1st hour of drug administration.

Table C3

Effect of paracetamol 100mg/kg body weight on yeast induced pyrexia												
Drugs	Mean rectal temperature in °C ± SEM											
	Basal Temperature	Initial Pyrexia	Temperature at different hrs of drug administration									
			1/4	1/2	1	2	3	4	5	6	12	
Control	37.07± 0.088	39.27± 0.103	39.27± 0.115	39.17± 0.106	39.15± 0.13	39.07± 0.05	39.05± 0.089	38.8± 0.048	38.62± 0.075	38.6± 0.062	37.8± 0.08	
Distilled water 0.5ml/rat	36.92± 0.091	39± 0.078	39.15± 0.13	39.27± 0.115	39.15± 0.13	39.12± 0.05	39.02± 0.05	39± 0.078	38.98± 0.09	38.62± 0.09	37.58± 0.06	
NLE 62.5mg/kg bw.	36.92± 0.048	39.02± 0.05	39.12± 0.05	39.2± 0.045	39.2± 0.052	39.1± 0.06	39.1± 0.082	38.98± 0.09	38.77± 0.081	38.62± 0.09	37.73± 0.13	

NLE 125mg/kg bw.	36.95± 0.077	39.07± 0.042	39.18± 0.031	39.1± 0.037	39.05± 0.022	38.95± 0.034	38.83± 0.049	a 38.7±0.063	c 38.3± 0.052	d 37.95± 0.062	37.58± 0.06
NLE 250mg/kg bw.	36.9± 0.064	39± 0.078	38.98± 0.098	38.93± 0.089	a 38.75± 0.096	c 38.53± 0.109	d 38.18± 0.102	d 37.72± 0.095	d 37.22± 0.084	d 37.05± 0.067	d 37.07± 0.05
NLE 500mg/kg bw.	36.92± 0.031	39.02± 0.060	39.3± 0.021	38.92± 0.04	d 38.38± 0.054	d 37.95± 0.043	d 37.43± 0.072	d 37.02± 0.048	d 36.65± 0.067	d 36.57± 0.05	d 36.83± 0.05
	a=> p<0.05		b=> p<0.02		c=> p<0.01		d=> p<0.001				

NLE 62.5mg/kg body weight vs control group showed that there is no significant fall in temperature whereas NLE 125mg/kg body weight decreased the temperature significantly from 4th hour of its injection. With 250 mg and 500 mg/kg body weight, NLE caused significant fall in temperature from 1st hour onwards. distilled water didn't show any antipyretic effect on yeast-induced pyrexia.

