

**Table 4: Serum TNF- $\alpha$  and IL-1 $\beta$  values of female rat exposed 14 days**

<b>Parameters measured</b>	<b>Control</b>	<b>MSN 15mg/kg BW</b>	<b>MWCNT 5mg/kg BW</b>	<b>ZnO NPs 5mg/kg BW</b>
TNF- $\alpha$ (pg/mL)	60.81 $\pm$ 12.41	193.2 $\pm$ 17.55**	157.2 $\pm$ 17.07**	238.6 $\pm$ 28.68**
IL-1 $\beta$ (pg/mL)	33.79 $\pm$ 3.073	50.29 $\pm$ 2.466*	34.90 $\pm$ 1.307 <sup>ns</sup>	74.40 $\pm$ 3.940**

Data from three animals with triplicate experiment; Figures quoted as mean $\pm$ SD and significant (ns= non significant, \*p<.05, \*\*p<0.01, \*\*\*p<0.001) compared to control