

Table 1: Cell cycle analysis

Sample	Sub G1	G1	S	G2/M
Control	1.45±0.02	74.08±2.2	16.72±0.20	7.9±0.19
EPA 40 µM	1.74±0.02 ^{NS}	72.12±1.9 ^{NS}	19.28±0.22 ^{NS}	7.08±0.15 ^{NS}
TCDD 10nM	3.53±0.03 ^{NS}	72.07±1.8 ^{NS}	16.21±0.20 ^{NS}	7.39±0.20 ^{NS}
EPA 40 µM+ TCDD 10nM	1.51±0.02 ^{NS}	74.33±1.92 ^{NS}	17.01±0.16 ^{NS}	7.88±0.21 ^{NS}

Cells were treated with TCDD (10 nM) for 48 hours, in the presence or absence of EPA. For EPA pre-treatment, cells were exposed to EPA (40 µM) for 48 h followed by TCDD treatment for 48 h. Following the treatment period, the cells were fixed with 70% ethanol and stained with propidium iodide for cell cycle analysis as mentioned in materials and methods. Results shown are Mean ± SE, results of 3 independent experiments carried out in duplicates. NS- Non significantly different, when EPA and TCDD group compared to control; when EPA+TCDD compared to TCDD alone treated group.

