

Table S3. Statistical differences for cytotoxic activity of *Ganoderma applanatum* extracts and ganoderic acid A; (5-100 µg/mL) to gastrointestinal tract cell lines panel – Caco-2, HT29, HepG2

E1– control extract Caco-2	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

E2 – extract after elicitation Caco-2	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

Ganoderic acid A Caco-2	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							

10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

E1– control extract HT-29	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

E2 – extract after elicitation HT-29	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							

	Not significant		P<0.05		P<0.01		P<0.001
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Ganoderic acid A HT-29	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

E1– control extract HepG2	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

E2 – extract after elicitation HepG2	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							

10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001

Ganoderic acid A	5 µg/mL	10 µg/mL	20 µg/mL	30 µg/mL	40 µg/mL	50 µg/mL	100 µg/mL
5 µg/mL							
10 µg/mL							
20 µg/mL							
30 µg/mL							
40 µg/mL							
50 µg/mL							
100 µg/mL							
	Not significant		P<0.05		P<0.01		P<0.001