

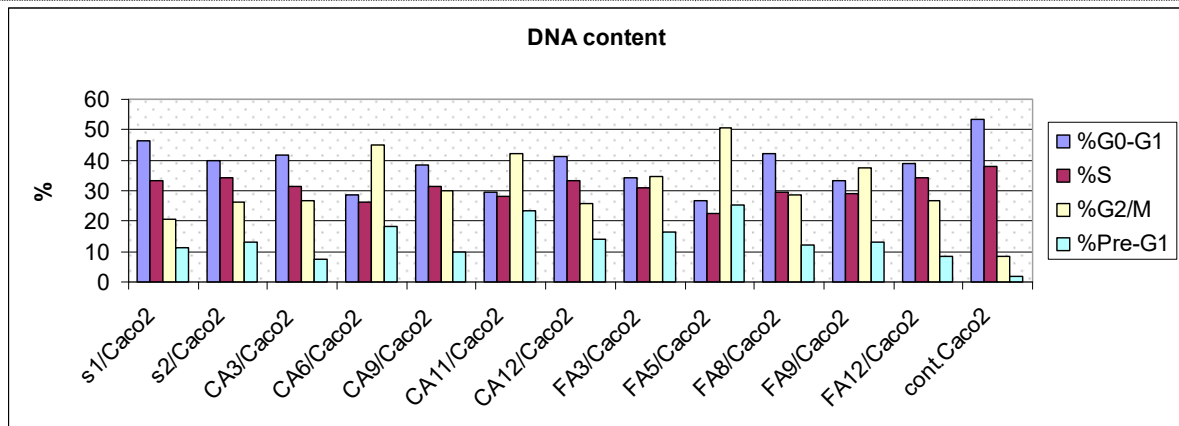
Researcher : DR Moh.Abdelbasir email: m_a_baser@yahoo.com *mob.01*
Assay : Cell Cycle Analysis
Samples : 12 Samples
Cell lines : **Caco2**
Ref. : ---
Date : 25-06-2019
Reader : **BD FACSCalibur**
Kit used : ab139418_Propidium Iodide Flow Cytometry Kit/BD
Solvent : ---
Assay samples :Cell culture

Key for sample codes

Cpd. No.	Cpd. No.	Cpd. No.	Cpd. No.
CA1	3	FA1	12
CA2	4	FA2	13
CA3	5	FA3	14
CA5	6	FA5	15
CA6	7	FA7	16
CA7	8	FA8	17
CA9	9	FA9	18
CA11	10	FA11	19
CA12	11	FA12	20

Report

Sample data			Results				
ser	code	Used conc. uM	%G0-G1	%S	%G2-M	%Pre G1	Comment
1	s1/Caco2		46.29 ±3.1	33.22 ±1.99	20.49± 1.92	11.31 ±0.81	PreG1 apoptosis&Cell growth arrest@G2/M
2	s2/Caco2		39.77 ±2.29	34.08 ±2.63	26.15± 3.26	13.22 ±0.63	
3	CA3/Caco2		41.52 ±2.61	31.62 ±1.79	26.86± 2.75	7.56 ±0.39	
4	CA6/Caco2		28.68 ±1.64	26.41 ±2.15	44.91± 3.42	18.26 ±1.42	
5	CA9/Caco2		38.51 ±1.95	31.44 ±2.87	30.05± 2.59	9.62 ±0.37	
6	CA11/Caco2		29.75 1.73±	28.27 ±1.99	41.98± 2.18	23.42 ±2.12	
7	CA12/Caco2		41.09 ±2.76	33.36 ±2.73	25.55± 2.47	14.04 ±0.95	
8	FA3/Caco2		34.28 ±1.74	31.15 ±3.17	34.57± 4.16	16.51 ±0.63	
9	FA5/Caco2		26.59 ±2.67	22.58 ±2.91	50.83± 3.49	25.17 ±3.29	
10	FA8/Caco2		42.11 ±3.41	29.43 ±3.16	28.46± 2.64	12.11 ±0.97	
11	FA9/Caco2		33.26 ±4.29	29.12 ±4.05	37.62± 2.47	12.92 ±2.16	
12	FA12/Caco2		39.12 ±2.58	34.04 ±2.69	26.84± 2.34	8.62 ±0.69	
***	cont.Caco2		53.61 ±3.16	37.95 ±2.25	8.44± 0.63	1.78 ±0.08	



Detailed results

s		Apoptosis			Necrosis
		Total	Early	Late	
1	s1/Caco2	11.31	3.41	5.98	1.92
2	s2/Caco2	13.22	5.17	6.48	1.57
3	CA3/Caco2	7.56	2.59	3.93	1.04
4	CA6/Caco2	18.26	4.75	11.37	2.14
5	CA9/Caco2	9.62	3.72	4.54	1.36
6	CA11/Caco2	23.42	7.59	12.69	3.14
7	CA12/Caco2	14.04	2.47	9.5	2.07
8	FA3/Caco2	16.51	3.99	10.26	2.26
9	FA5/Caco2	25.17	5.79	16.57	2.81
10	FA8/Caco2	12.11	4.25	6.25	1.61
11	FA9/Caco2	12.92	3.88	7.31	1.73
12	FA12/Caco2	8.62	2.19	5.19	1.24
***	cont .Caco2	1.78	0.89	0.25	0.64

