

TABLE 1. Effect of differentiation-inducing agents on the cell cycle distribution of MCF-7 cells¹⁻³

Treatment	Cell cycle distribution (%)					
	24 h			48 h		
	G0/G1	S	G2 + M	G0/G1	S	G2 + M
Control	56	24	20	56	23	21
HMBA (5 mM)	81	5	14	79	7	14
DMF (1%)	83	6	11	85	3	12
RA (1 μ M)	69	16	15	59	19	22
Forskolin (50 μ M)	71	8	21	69	11	20
NaBu (1 mM)	71	8	21	69	10	21
TPA (8 nM)	70	6	24	73	5	22

¹Cells were plated in 0.5% FCS-RPMI medium at 2.5×10^5 cells in 60-mm Petri dishes; 24 h after plating, the medium was changed to serum-free medium, to which drugs were added. The cells were trypsinized, fixed, and stained for flow cytometry 24 or 48 h after the addition of drugs, as described under Materials and Methods.

²The coefficient of variation (CV) of the G1 phase was always < 5%.

³Data are the means of triplicate measures (deviation standard values are always < 2%). The experiment reported is representative of two separate studies.