

Table 1

Inhibition of HGF induction by VPA

HGF inducer	Secreted HGF (ng/mg cellular protein)						IC ₅₀ (mM)
	VPA (mM)						
	0	0.1	0.2	0.5	1	2	
EGF	6.9±	4.3±	2.4±	1.1±	1.3±	0.9±	0.15
	0.4	0.5**	0.3****	0.2****	0.4****	0.5****	
PDGF	8.9±	6.3±	4.1±	1.5±	0.7±	0.9±	0.19
	1.0	1.2	0.5****	0.1****	0.2****	0.9****	
bFGF	7.3±	4.8±	3.2±	1.5±	0.4±	1.4±	0.17
	0.9	0.1**	0.4****	0.4****	0.4****	0.4****	
PMA	31.2±	33.0±	32.4±	25.0±	11.9±	3.5±	0.86
	3.3	2.2	3.3	3.3	0.6****	0.6****	
8-Bromo-cAMP	27.5±	22.0±	18.5±	13.4±	8.6±	6.1±	0.48
	1.9	1.8	2.2**	2.1****	0.9****	0.8****	
PGE ₂	11.7±	6.6±	3.0±	ND	ND	ND	0.12
	1.5	1.6*	0.9*				

Confluent fibroblasts were preincubated for 1 h with the indicated concentrations of VPA and then incubated for 24 h with or without 3 nM PMA, for 72 h with or without 3 ng/ml of EGF, 10 ng/ml of PDGF, 3 ng/ml of bFGF or 0.3 mM 8-bromo-cAMP and for 120 h with or without 30 μM PGE₂ in the presence or absence of VPA. The data are means±SEM of three independent experiments. **P* < 0.05, ***P* < 0.01, *****P* < 0.001, as compared with the values of respective inducer alone. ND, not detectable.