

**TABLE 1****Concentrations of Ras, Raf, MEK, and ERK**

ND, not defined; CHO, Chinese hamster ovary.

	This study		Huang and Ferrell (18) (oocytes)	Bhalla <i>et al.</i> (44) (ND)	Schoeberl <i>et al.</i> (15) (HeLa) <sup>a</sup>	Sasagawa <i>et al.</i> (17) (PC12)	Brightman and Fell (13) (PC12) <sup>b</sup>	Hatakeyama <i>et al.</i> (12) (CHO)
	HeLa	COS-7						
		$\mu M$	$\mu M$	$\mu M$	$\mu M$	$\mu M$	$\mu M$	$\mu M$
Ras	0.40	0.53	ND	0.20	1.6	0.10	0.033	0.12
Raf	0.013	0.0054	0.0030	0.20	0.0057	0.50	0.017	0.10
MEK	1.4	1.8	1.2	0.18	3.1	0.68	0.6	0.12
ERK	0.96	0.81	1.2	0.36	2.1	0.26	1.25	1.0

<sup>a</sup> The concentration was calculated from the number of molecules/cell, assuming that the cell volume was 1.0 pL, as described in Ref. 15.<sup>b</sup> This parameter set was used in the model reported by Yamada *et al.* (11).