

TABLE 6. Quantitation of ppGpp for three cultures of *E. coli* B/r grown at 30°C

Mass ^a (OD ₄₆₀)	Amt of ppGpp per sample loaded (10 ⁻⁵)		Intra-cellular ppGpp conc (pmol/OD ₄₆₀)
	10 ⁻⁵ A ₂₅₄ U ^b	pmol ^c	
1.03	55.3	41.3	20.0
	51.8	38.6	18.7
	49.0	36.6	17.8
	54.5	40.7	19.8
	52.6	39.2	19.0
	52.6	39.2	19.0
			19.1
1.06	55.3	41.3	19.5
	53.4	39.8	18.8
	54.5	40.7	19.2
	52.2	38.9	18.3
	56.9	42.5	20.0
	(24.9) ^d	(18.6) ^d	(8.8) ^d
			19.2
0.96	50.2	37.5	19.5
	47.0	35.1	18.3
	53.8	40.1	20.9
	49.8	37.2	19.4
	52.6	39.2	20.4
	54.5	40.7	21.2
			20.0

^a Mass concentration of the culture at sampling time.

^b Calculated from the area corresponding to the ppGpp peak in HPLC elution profiles (Fig. 2), as described in the text.

^c Total picomoles of ppGpp in the 200-μl samples analyzed (corresponding to the amount of ppGpp in 2 ml of culture), calculated as described in the text.

^d The value obtained for this sample, being significantly different from all others, was excluded when the average concentration of ppGpp in this experiment was calculated.