

Table II. Measurement of free nucleotides in HeLa cells after various treatments

	Free ATP	Total ATP (from Table I)	Free GTP	Total GTP (from Table I)
Glucose ⁻ media, 1 h	4.48 ± 0.27	8.22 ± 0.75	0.93 ± 0.22	2.58 ± 0.23
2-deoxyglucose + sodium azide, 1 h	<0.1 ^a	3.27 ± 0.60	<0.1 ^a	1.85 ± 0.29
Ribavirin, 2 h	5.93 ± 1.07	8.42 ± 0.43	0.30 ± 0.04	0.87 ± 0.01

Values are expressed as nmoles nucleotide/10⁶ cells. Free nucleotide was separated from the total cellular lysate by filtration as described in the Materials and methods. Values for free ATP and GTP represent the mean ± SD of three independent experiments; the values for total ATP and GTP were taken from separate experiments summarized in Table I.

^aBoth the free ATP and GTP from the cells treated with 2-deoxyglucose and sodium azide were essentially undetectable by FPLC, and thus below our lowest standards. The values given for these two measurements therefore indicate the amount of our lowest FPLC standards rather than the exact concentration of nucleotide.