

TABLE I

Nucleotide requirement for dNTP incorporation

Reactions were incubated at 37 °C for 30 min in the absence of DNA polymerase I as described under "Materials and Methods" with 1.2 nmol of poly(dT) or 1.2 nmol of poly(dC) and the nucleotides indicated. The concentration of each nucleotide was 2 mM.

Template and nucleotide added	dNMP incorporation
	<i>pmol/30 min</i>
Poly(dT)	
None	<0.10
ATP	8.30
ADP	<0.10
AMP	<0.10
ATP γ S	<0.10
AMP-PCP	<0.10
AMP-PNP	<0.10
Poly(dC)	
None	<0.10
GTP	14.6
GDP	1.10
GMP	<0.10
GTP γ S	15.5
GMP-PCP	15.0
GMP-PNP	17.7