

dNTPs Mixture (10 mM) (each 2.5 mM)

Product Name	Cat. No.	Size
dNTPs Mixture (10 mM)	G-9000	1.0 ml X 1
	G-9001	1.0 ml X 3
	G-9002	1.0 ml X 5

Package information

G-9000	dNTPs Mixture (10 mM) (1.0 ml X 1) - mixture of dATP, dCTP, dGTP and dTTP (each 2.5 mM)
--------	--

Description

dNTPs Mixture (10 mM) is aqueous solution at pH 7.0 containing dATP, dCTP, dGTP and dTTP.

dNTPs Mixture (10 mM) is ready-to-use solution designed to save time and to provide higher reproducibility in PCR and other applications.

Features

- Ultra-pure: ≥99% triphosphate by HPLC
- Free from PCR inhibitors
- DNase, RNase and Nickase free

● **Research Use Only**

● **Store at -20°C**

dATP

- 2'-deoxyadenosine-5'-triphosphate
- $C_{10}H_{12}N_5O_{12}P_3Li_4$
- M.W.: 514.9 g/mol
- λ_{max} pH 7.0: 259 nm
- A250/A260: 0.78 ± 0.03
- A280/A260: 0.15 ± 0.02
- Purity: ≥99% by HPLC

dCTP

- 2'-deoxycytidine-5'-triphosphate
- $C_9H_{12}N_3O_{13}P_3Li_4$
- M.W.: 490.9 g/mol
- λ_{max} pH 7.0: 272 nm
- A250/A260: 0.82 ± 0.03
- A280/A260: 0.98 ± 0.03
- Purity: ≥99% by HPLC

dGTP

- 2'-deoxyguanosine-5'-triphosphate
- $C_{10}H_{12}N_5O_{13}P_3Li_4$
- M.W.: 530.9 g/mol
- λ_{max} pH 7.0: 252 nm
- A250/A260: 1.16 ± 0.05
- A280/A260: 0.66 ± 0.03
- Purity: ≥99% by HPLC

dTTP

- 2'-deoxythymidine-5'-triphosphate
- $C_{10}H_{13}N_2O_{14}P_3Li_4$
- M.W.: 505.9 g/mol
- λ_{max} pH 7.0: 267 nm
- A250/A260: 0.65 ± 0.03
- A280/A260: 0.73 ± 0.02
- Purity: ≥99% by HPLC