
dNTPMix

Store at -20°C

Cat. No.	Con.	Quantity
G010	10mM each	250µl
G128	10mM each	500µl
G129	10mM each	1.0ml

Description

The dNTP Mix is a ready-to-use aqueous solution containing dATP, dCTP, dGTP and dTTP, each at a final concentration of 10mM. The Mix reduces the number of pipetting steps and the risk of errors.

Applications

Ready-to-use in PCR, long PCR, RT-PCR, cDNA synthesis, primer extension and DNA labeling.

Molecular Biology Grade

- Functionally tested in PCR with Taq and Pfu DNA Polymerases.
- Purity of each component >98% by HPLC.
- Endo-, exodeoxyribonuclease, ribonuclease and phosphatase free.

Volumes and Concentrations

20 μ l Final Reaction Volume

Final dNTP	dNTP Volume	Rxns per Kit	
		10 μ l Kit	1.0ml Kit
0.2mM	0.4 μ l	250	2,500
0.5mM	1 μ l	100	1,000
1.0mM	2 μ l	50	500
1.5mM	3 μ l	33	333

25 μ l Final Reaction Volume

Final dNTP	dNTP Volume	Rxns per Kit	
		100 μ l Kit	1.0ml Kit
0.2mM	0.5 μ l	200	2,000
0.5mM	1.25 μ l	80	800
1.0mM	2.5 μ l	40	400
1.5mM	3.75 μ l	26	266