

dNTP Mix

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

20µl Final Reaction Volume

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

25µl Final Reaction Volume

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

This product is distributed for laboratory research only.

CAUTION: Not for clinical use.

For technical questions about this product, phone the ABM helpline at 1-866-571-7226 or visit our website at www.abmGood.com.

CERTIFICATE OF ANALYSIS