



dNTP Mix (10 mM each)

Catalog Number: D004-1, D004-2

Table 1. Contents and Storage

Product Content	D004-1	D004-2	Storage	Stability
dNTP Mix (10 mM each)	1 mL	4x1 mL	-20 °C, avoid repeated freeze-thaw	The product is stable for one year when stored as directed.

Product Description

ABP dNTP Mix contains premixed aqueous solutions of dATP, dCTP, dGTP and dTTP, each at a final concentration of 10 mM. The nucleotides have greater than 99% purity, are free of nuclease activities, human and E. coli DNA. Mixes offer the possibility to reduce the number of pipetting steps and the risk of reaction set up errors. They are designed for many different molecular biology applications.

Special Features

- ❖ Ready to use
- ❖ Purity: >99%

Applications

- ❖ PCR, qPCR, RT-PCR.
- ❖ Reverse Transcription and mutagenesis.

Quality Control:

1. Nucleotide concentrations are determined by measurements of absorbency.
2. Deoxyribonucleotides are certified free of nucleases and phosphatases.
3. Functional purity is tested in Sanger dideoxy sequencing reactions, fill in of 5'-overhangs, and primer extensions, using Klenow and Taq DNA polymerase.
4. The physical purity of this preparation is determined by HPLC (minimum passing specification is >99% triphosphate).