

dNTPs NZYMix

Catalogue number:

MB08601, 25 mM each, 1 mL
 MB08602, 25 mM each, 5 mL
 MB08603, 10 mM each, 0.2 mL
 MB08604, 10 mM each, 1 mL
 MB08605, 10 mM each, 5 mL

Description

dNTPs NZYMix is a ready-to-use molecular grade dNTP Mix containing dATP, dCTP, dGTP and dTTP at pH 8.5 (at 22 °C) and are supplied in a sodium salt solution. The mix is designed to save hands-on time for researchers and minimize the possibility of contamination. dNTPs NZYMix may be used in DNA polymerization reactions, DNA labelling and sequencing processes.

Product Specifications

A mix of dATP, dCTP, dGTP, and dTTP (pH 8.5 ± 0.2, at 22 °C).

Features

- ✓ Convenient, pre-optimized and pre-mixed
- ✓ Ultra-pure: >99% trisphosphate by HPLC

- ✓ Extended shelf-life at -20 °C
- ✓ Free from PCR inhibitors
- ✓ DNase, RNase and Nickase free

Applications

- ✓ Standard and long-range PCR
- ✓ cDNA synthesis
- ✓ Real-time PCR
- ✓ Microarrays
- ✓ DNA sequencing
- ✓ DNA labelling

Storage conditions

dNTPs NZYMix should be stored at -20 °C. Avoid multiple freeze/thaw cycles. For long-term storage, aliquoting is highly recommended.

Shipping conditions

4 °C to dry ice.

dNTPs characteristics

dNTPs	Molecular Weight (g/mol)	Molar Extinction (1 µmol)
dATP	488.16	15.1 A ₂₅₉
dGTP	504.16	14.2 A ₂₅₂
dCTP	464.13	8.9 A ₂₇₁
dTTP	479.14	9.5 A ₂₆₇

V2401

For research use only.