

## 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 <sub>259</sub>
dGTP	504.16	14.2 A <sub>252</sub>
dCTP	464.13	8.9 A <sub>271</sub>
dTTP	479.14	9.5 A <sub>267</sub>

V2401

*For research use only.*