

DATA SHEET

Version: 2
Revision date: 12/06/2023

1. Identification

Product name	TruePure™ dNTP Mix (25mM each nt) 1 mL, 100 mM total
Cat. No	N0032

2. Description

dNTP Mixes are solutions with 25 mM each dNTP (dATP, dCTP, dGTP, dTTP) mixed at a final concentration of 100 mM total.

3. Specifications

Purity: > 99% confirmed by HPLC

TruePurity dNTPs Certification:

- Not contamination with bacterial and human DNA.
- No detectable activity of DNase, protease or phosphatase.

4. Storage specifications

Store at -20°C, short term (up to one week) exposure to ambient temperature is possible.

5. Applications

For use in all molecular biology applications:

- PCR
- Real-time PCR
- High fidelity and long PCR
- cDNA synthesis
- RT-PCR
- DNA sequencing

The synthesis of a complementary DNA/cDNA strand by enzymatic polymerization of deoxynucleotide triphosphates (dNTPs) is the basic principle of DNA amplification, sequencing and cDNA synthesis techniques.

6. Further information

Product Use	This product is developed, designed and sold exclusively only for research purposes use.
Limitations	The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.
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