

# dNTPs (25 mM each)



**Catalog:** RK20101

**Size:** 500 ml

**Concentration:** 25 mM each

**Components:**

dNTPs (25 mM each) RK20101

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## Product Description

dNTPs (Deoxynucleotide Solution Mix) is an equimolar solution of ultrapure dATP, dCTP, dGTP and dTTP. The solution contains 25 mM each of dATP, dCTP, dGTP and dTTP. Each vial contains 25  $\mu$ mol in a volume of 1 ml. Supplied in: Ultrapure water as a sodium salt at pH 7.5.

### Applications:

Whole Genome Amplification, Polymerases for DNA Manipulation, PCR, DNA Sequencing, Isothermal Amplification, Hot Start PCR, RT-PCR & cDNA Synthesis, Long Range PCR, Fast PCR, Methylated DNA Analysis, Multiplex PCR, PCR, Specialty PCR, Routine PCR.

**Storage:**  $-20^{\circ}\text{C}$ .

### Note:

Can be diluted using sterile distilled water, preferably Milli-Q<sup>®</sup> water, or sterile TE (10mM Tris-HCl, 1mM EDTA pH 7.5).

### QC Process:

- ◆ Purity is above 99% detected by HPLC.
- ◆ Free of detectable DNA exonuclease and endonuclease.
- ◆ No residual host genomic DNA detected by PCR.
- ◆ Free of RNase activity.

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