

## dNTPs Mix (PCR Grade)

Cat No: PR-M-002-1000

Size: 1ml

Concentration: 25mM

**Storage: store at – 20°C**  
(Ready to use)

**MOLEQULE-ON®**

### Description

25mM dNTP (2'-deoxynucleoside 5'-triphosphate) Mix consists of all four nucleotides (dATP, dCTP, dGTP, dTTP), each at a concentration of 25mM, in a solution of 0.6mM Tris-HCl (pH 7.5).

The 25mM dNTP Mix is suitable for use in polymerase chain reaction (PCR), sequencing, fill-in, nick translation, cDNA synthesis, and TdT-tailing reactions.

25mM dNTPs Mix can be diluted to the desired concentration. Highly pure dNTPs are important for successful PCR, as the presence of contaminating impurities in PCR can result in a decrease in amplification sensitivity and product yield.

### Quality Control

25mM dNTP Mix is tested in a standard procedure to synthesize first strand cDNA and is evaluated in a functional assay for PCR.