

dNTP Set (100 mM each)

Cat. #: M0059 Size: 4×250 µl

Introduction

100 mM dNTP aqueous solutions at pH 7.0 of each of dATP, dCTP, dGTP and dTTP, each in a separate vial. When you combined vials in the set you will get 25mM dNTP. Because the nucleotides are provided in separate solutions, dNTP sets offer maximum flexibility in preparation of reaction mixes for different applications.

Package Information

Component	M0059
dNTP Set	4×250 µl

Storage

Long Term (Infrequent use; 1-2 times per month): -70°C for over 3 years

Daily/Weekly use: -20°C for over 2 years

Daily/Weekly use: 4°C for over 6 months

Quality Control

1. Functionally tested in PCR with Taq and Pfu DNA Polymerases.
2. Greater than 99% purity of each component confirmed by HPLC.
3. Free of endodeoxyribonuclease, exodeoxyribonuclease, ribonuclease and phosphatase activities.

Package

M0059-01: 100mM dNTP (250 µl of 100mM of each dATP, dTTP, dGTP, dCTP) in 4 tubes, 250 µl/tube

M0059-02: 100mM dNTP (1 ml of 100mM of each dATP, dTTP, dGTP, dCTP) in 4 tubes, 1 ml/tube

Applications

For use in all molecular biology applications, including PCR, long PCR, real-time PCR, high fidelity PCR, RT-PCR, cDNA synthesis, primer extension, DNA sequencing and DNA labeling.