

★ Storage

Store at -20 °C.
For long term storage: -70 °C (Infrequent use, 1-2 times a month)

☞ Contents

- Product manual
- dNTP Mixture, 10mM each

ALL PRODUCTS SOLD BY GenDEPOT ARE INTENDED FOR RESEARCH USE ONLY UNLESS OTHERWISE INDICATED. THIS PRODUCT IS NOT INTENDED FOR DIAGNOSTIC OR DRUG PURPOSE

★ Introduction

10mM dNTP mixture is suitable for use in PCR, sequencing, nick translation, fill-in, cDNA synthesis, TdT tailing reactions, and dilution of radiolabeled dNTPs. These nucleotides are supplied as convenient, ready-to-use solution at a concentration of 10mM in Tris-HCl (pH7.5). The dNTP Mixture contains all four of the dNTPs, each at a final concentration of 10mM.

★ Concentration

10mM each

★ Purity

> 98% HPLC

★ Quality Control

1. The concentration is verified by optical density spectrophotometry.
2. This preparation is free of DNase and RNase contamination as determined by incubation of the 4 dNTP's with radioactive substrates.
3. The purity of this preparation is determined by HPLC. The minimum passing specification for the triphosphate content is 99%.
4. This lot of dNTPs has been performance tested with Sequenase, Taq DNA polymerase, pfu DNA polymerase, and T7 DNA polymerase.

★ Related Product

Product Name	Cat No
amfiSure PCR Master Mix(2X)	P0311
dNTP Mix, 25mM each	D0625
iVDye 50 bp DNA Ladder	V1001
iVDye 100 bp DNA Ladder	V1002
iVDye 1kb DNA Ladder	D1103
PCR Ranger, 100bp DNA Marker, 100bp-To-3kb	D1108
PCR Ranger, 1Kb DNA Marker, 75bp-To-20Kb	D1109
HiQ Standard Agarose	A0222
Water, PCR certified	W0806