



dNTP Mix (10 mM each)

Catalog No LC01A046 Size 1 ml

Description:

dNTP mixes are the solutions of equal molarity of each dNTPs (dATP, dTTP, dCTP, and dGTP). Total final mixture has 10 mM of each dNTP.

Purity: >99% validated by HPLC

Component:

Components	LC01A046
10 mM dNTP mix	1 ml

General Considerations:

- The mix can be used for all molecular biology applications such as PCR, qRT-PCR, Reverse transcription cDNA synthesis, cloning, LAMP, DNA Sanger and NGS sequencing.
- Shelf life is 24 months.

Storage Conditions:

For long term storage store at -20 °C. To be avoided excessive freeze and thawing cycles, and preparation of aliquots is recommended.

Quality Control:

No contamination with any DNA and no detectable activity of DNase, RNase, Protase, or Phosphatases.

Sample Reaction Setup (PCR):

Components	Volume	Final Concentration
10 mM dNTP mix	0.5 µl	0.1 mM each
10x PCR Buffer	5	1 X
Forward Primer (10 µM)	1 µl	0.5 µM
Forward Primer (10 µM)	1 µl	0.5 µM
Taq DNA Polymerase (5U/µl)	0.2 µl	1 U
Template DNA	2 µl	<1 µg
Add PCR water to	50 µl	



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