



10mM dNTP Mix
cat#BBR005
Size: 1 ml
Storage
-20°C for 24 months

Features

- Premixed dNTP ready-to-use aqueous solutions of dATP, dCTP, dGTP and dTTP, each at a final concentration of 10 mM.
- Compatible with a wide range of applications

Description

The 10 mM dNTP mix contains 1 ml of premixed dNTP aqueous solution containing dATP, dCTP, dGTP and dTTP, each at 10 mM final concentration. The deoxynucleotides are suitable for use in polymerase chain reaction (PCR), sequencing, fill-in, nick translation, cDNA synthesis, and TdT tailing reactions.

Protocol

Add the recommended volume of dNTP mix into your PCR reaction.

The following table calculates the right volume of 10mM dNTP mix to add in a **20 µl PCR reaction**:

Final dNTP concentration (mM)	Volume of 10 mM dNTP mix (µl)
0.2	0.16
0.5	0.4
1.0	0.8
1.5	1.2

Caution

- Check buffers before use for precipitation
- Aliquot reagents to avoid contamination and repeated freeze-thaw cycles
- During operation, always wear a lab coat, disposable gloves, and protective equipment.
- Research Use Only. Not intended for any animal or human therapeutic or diagnostic uses.