



dNTP Mix, 40mM Cat #: 42-411

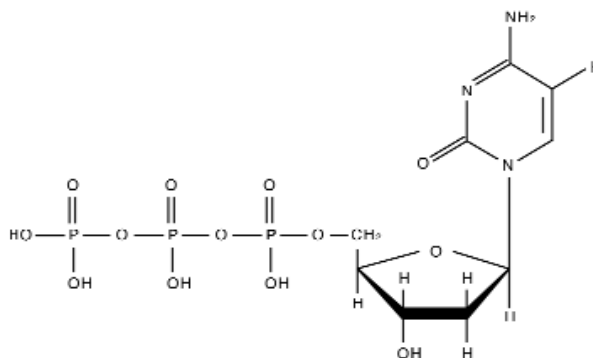
Contents: 1 x 500µl

Lot Number: See Vial

Concentration: 40mM Total

Storage: Apex dNTP's can be stored at -20°C or -70°C in a constant temperature freezer. Avoid multiple freezing/thawing. For long term usage, aliquoting is recommended.

Reagent for *in vitro* laboratory use only



General Description

Deoxynucleotide Triphosphate (dNTP) mix of dATP, dGTP, dCTP, and dTTP, pH 7.5

Application

For PCR, direct use in DNA sequencing, labeling, and *in vitro* DNA synthesis. Add the Mix directly into the reaction mixture. We recommend a final concentration of between 1 – 2mM. Apex dNTP's have been rigorously tested for long range and RT-PCR.

Suggested Usage

40mM Mix contains 10mM of each dNTP.
Reaction Volume – 50µl
dNTP Mix Volume – 1.25µl

Purity

dNTP's are >99% pure (confirmed by HPLC) and are free of DNase, RNase, Protease, phosphatase, and nicking activity.

Typical Analysis

Lithium salts, >99% deoxynucleoside triphosphates (HPLC, area %), <1% deoxynucleoside monophosphates and deoxynucleoside diphosphates.