



## dNTP Mix, 40mM Cat #: 42-407

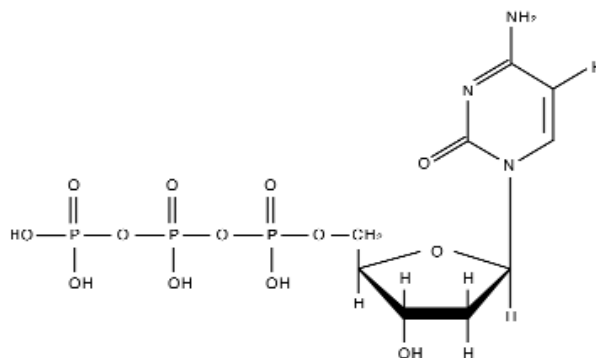
**Contents:** 5 x 500µl

**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.