



TUFF TAQ™ dNTP SET

Reliable Activity Even After 3
Months At Room Temperature



KEY FEATURES:

99% active after 1 month at
room temperature

>80% active after 3 months at
room temperature

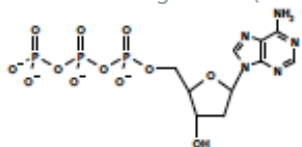
Ships at ambient temperature -
No dry ice

Freeze/thaw up to 50 times

The dNTP Set consists of 100 mM solutions of dATP, dCTP, dGTP and dTTP each in separate vials in TE buffer.

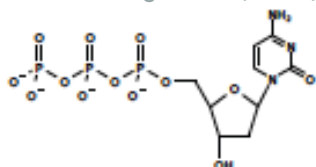
dATP

- Formula: $C_{10}H_{12}N_5O_{12}P_3$ (Anion)
- Formula Weight: 487.18 (Anion)



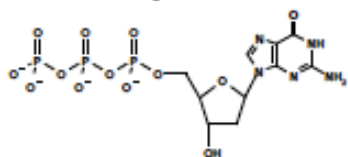
dCTP

- Formula: $C_9H_{12}N_3O_{13}P_3$ (Anion)
- Formula Weight: 463.15 (Anion)



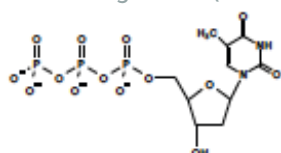
dGTP

- Formula: $C_{10}H_{12}N_5O_{13}P_3$ (Anion)
- Formula Weight: 503.18 (Anion)



dTTP

- Formula: $C_{10}H_{12}N_5O_{12}P_3$ (Anion)
- Formula Weight: 487.18 (Anion)



APPLICATIONS

- Suited for a wide range of PCR assays
- cDNA synthesis
- Primer extension
- DNA sequencing
- DNA labeling
- Mutagenesis
- DHPLC

PURITY

Purity Assay (HPLC): >99%

SHIPPING & STORAGE CONDITIONS

Shipping and temporary storage for up to 1 month at room temperature has no significant detrimental performance effects

Routine storage: -20°C

Safety warnings: Products and components should be handled only by persons trained in laboratory techniques. Wear suitable protective clothing such as laboratory overalls, gloves and safety glasses. Avoid contact with eyes and skin and wash immediately with water should contact occur.

Usage restrictions: For Research Use Only. Not for any animal or human therapeutic or diagnostic use. Some potential applications may require a license which is not provided by purchase of this product and users should obtain the license if required. Rebel Bioscience products may not be re-sold, transferred, modified or used to manufacture commercial products without written approval from Rebel BioScience, LLC.