

GRS dNTP Set
100mM each (Min. 99%)#GP011.0411 (4x 0.25 ml)
(FOR RESEARCH ONLY)

Product: GRS dNTP Set contains 100mM aqueous solutions of dATP, dCTP, dGTP, and dTTP at pH 7.0, each supplied in a separate vial for use in PCR, long PCR, RT-PCR, primer extension, cDNA synthesis, DNA labeling and DNA sequencing. This product is sold exclusively for research purposes and in vitro use. This product was not tested for use in diagnostics, nor is it suitable for administration to humans or animals.

Applications: PCR, qPCR

Contents:

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GRS dNTP Set (100mM each)	4x 0.25ml

Properties: Free of DNases, RNases, and Nucleic Acids. Purity >99.0%

QC: Purity of at least 99% was confirmed by HPLC with the following result: dATP 99.2%; dCTP 99.0%, dGTP 99.0%, dTTP 99.4%. Absence of exo- and endodeoxyribonucleases, and phosphatase contaminants was ascertained by the LO test and this product passed the ribonuclease assay for the detection of RNase contaminants, using [3H]-RNA as a substrate. Concentration was confirmed by spectroscopy, and this product was functionally tested by PCR amplification of a 1000bp fragment from 2ng of genomic DNA with both normal and high-fidelity DNA polymerases.

Storage: Store at -20°C for 1 year. For long term storage, -70°C is recommended