

GRS dNTP mix**10mM each (Min. 99%)**#GP010.0001 (1 ml) | GP010.5001 (5x 1ml) | GP010.2001 (20x 1ml)
(FOR RESEARCH ONLY)

Product: GRS dNTP Mix is an aqueous solution of equimolar amounts (10mM each) of dATP, dCTP, dGTP, and dTTP at pH 7.0 for direct 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:

Product	GP010.0001	GP010.5001	GP010.2001
GRS dNTP mix	1ml	5x 1ml	20x 1ml

Properties: Free of DNases, RNases, and Nucleic Acids. Purity >99.%

QC: Purity of at least 99% was confirmed by HPLC. 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