

GTP (100 mM)

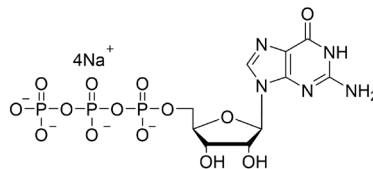
REF: EG21918S

Storage Condition

-20°C

Components

Component	Amount
GTP (100 mM)	1 ml



Note: Avoid repeated freezing and thawing. It is recommended to aliquot upon first use.

Description

GTP, also known as Guanosine-5'-triphosphate, is a colorless and transparent aqueous solution with a purity of ≥99% (HPLC). It is free from DNase, RNase, and phosphatase contamination. It is primarily used in in vitro transcription (IVT), aptamer, laboratory-developed tests (LDT), analyte-specific reagents (ASR), PCR, and RT-PCR reactions.

Product Details

Shipping condition: Blue ice/dry ice

Purity: ≥99% (HPLC)

Salt type: Na⁺

Buffer: Tris-HCl

Concentration: 100 mM±5%

pH: 8.0±0.5

Solvent: Water

CAS number: 36051-31-7

Molecular formula: C₁₀H₁₆N₆O₁₄P₃ (free acid)

Molecular weight: 523.18 g/mol (free acid)

Sugar type: RNA

Note: Neither the raw materials nor the production process of this product involves any animal-derived components. The product is for research use only.