

NTP Bundle (25 mM each)

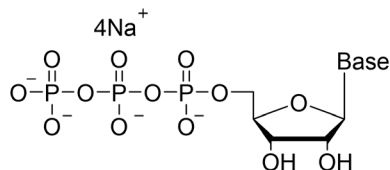
REF: EG21920S

Storage Condition

-20°C

Storage Condition

Component	Amount
NTP Bundle (25 mM each)	1 ml



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

Description

The product is a high-purity NTP Tris-HCl solution, containing 25 mM each of ATP, CTP, GTP, and UTP. It is a colorless and transparent aqueous solution, 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

Molecular formula: ATP - C₁₀H₁₆N₅O₁₃P₃ (free acid)

CTP - C₉H₁₆N₃O₁₄P₃ (free acid)

GTP - C₁₀H₁₆N₅O₁₄P₃ (free acid)

UTP - C₉H₁₅N₂O₁₅P₃ (free acid)

Molecular weight: ATP - 507.18 g/mol (free acid)

CTP - 483.16 g/mol (free acid)

GTP - 523.18 g/mol (free acid)

UTP - 484.14 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.