

**100 mM
Ribo-Nucleotides Set**
4 x 100 mM (ATP, CTP, GTP, UTP)

Cat. No.	Size
E0601-01	4 x 200 µl
E0601-02	4 x 1 ml

Storage Conditions: Store at -20°C

Concentration: 100 mM

Ultrapure set of NTPs contains four separate solutions of ATP, CTP, GTP and UTP supplied as aqueous solutions (pH 8.0). Suitable for *in vitro* transcription experiments.

Description:

- **ATP**
Adenosine 5'-triphosphate, sodium salt
Molecular formula: C₁₀H₁₃N₅O₁₃P₃ (Anion)
Molecular weight: 504.16 (Anion)
ε at absorbance max (259 nm, pH 7): 15.1 mmol⁻¹ cm⁻¹
- **CTP**
Cytidine 5'-triphosphate, sodium salt
Molecular formula: C₉H₁₃N₃O₁₄P₃ (Anion)
Molecular weight: 480.13 (Anion)
ε at absorbance max (271 nm, pH 7): 8.9 mmol⁻¹ cm⁻¹
- **GTP**
Guanosine 5'-triphosphate, sodium salt
Molecular formula: C₁₀H₁₃N₅O₁₄P₃ (Anion)
Molecular weight: 520.15 (Anion)
ε at absorbance max (252 nm, pH 7): 14.2 mmol⁻¹ cm⁻¹
- **UTP**
Uridine 5'-triphosphate, sodium salt
Molecular formula: C₉H₁₂N₂O₁₅P₃ (Anion)
Molecular weight: 481.11 (Anion)
ε at absorbance max (262 nm, pH 7): 9.8 mmol⁻¹ cm⁻¹

Quality Control:

- *in vitro* transcription: verified;
- bacterial and human DNA free;
- RNase, DNase, Protease, Phosphatase free.

This product is developed, designed and sold exclusively for research purposes and *in vitro* use only.

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