

Manual

Ribonucleotides (NTP's)

Aqueous solutions of each of ribonucleotides (ATP, CTP, GTP, UTP) at concentration of 100 mM.

catalog #	size
1040-250	4 x 250 μ l

For research use only.

Guarantee

A&A Biotechnology provides guarantee on this product.

The company does not guarantee correct performance of this kit in the event of:

- not adhering to the supplied protocol
- use of not recommended equipment or materials
- use of other reagents than recommended or which are not a component of the product
- use of expired or improperly stored product or its components

Description

Ribonucleotide solution set contain separate tubes with water solution of each ribonucleotides (ATP, CTP, GTP, UTP) at concentration of 100 mM.

Highest purity: HPLC >98%

pH7.8-8.2

Free of DNAses and RNAses activity.

Store at -20 °C

Physical/chemical properties

	ATP	CTP	GTP	UTP
mol. weight [g/mol]	504.16	480.13	520.15	481.11
max. abs. (pH 7) [nm]	259	271	252	262
factor abs. [mmol ⁻¹ cm ⁻¹]	15.1	8.9	14.2	9.8

Preparation of 10 mM of NTP's of each of them

Thaw and carefully mix before use.

Total volume - 500 µl:

1. Transfer 50 µl of each of ribonucleotides (ATP, CTP, GTP, UTP) to a sterile nuclease-free tube.
2. Add 300 µl of sterile nuclease-free water (not included).
3. Mix the solution.



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