



Set of 100 mM ATP, GTP, CTP, UTP solutions

Catalog number: rNS-101, rNS-110, rNS-100, rNS-401, rNS-410, rNS-400

Description:

The product is a set of 4 tubes containing individually sterile 100 mM solutions of adenosine-5'-triphosphate (ATP), guanosine-5'-triphosphate (GTP), cytidine-5'-triphosphate (CTP) and uridine-5'-triphosphate (UTP) as ammonium salts in water or in TE buffer¹. Each component of the set has not less than 98% purity confirmed by HPLC, is tested for the presence of endo- and exonuclease activity and free of trace contaminating DNase and RNase, functionally tested *in vitro* in the transcription reaction.

Nucleotide solutions are produced in accordance with Technical conditions 9399-001-11849709-2016.

FOR RESEARCH USE ONLY

Product composition:

Cat. number	Product name	Composition	Quantity
rNS-101	Set of 100 mM ATP, GTP, CTP, UTP in water	100 mM solutions in water	4 x 100 µl
rNS-110	Set of 100 mM ATP, GTP, CTP, UTP in water	100 mM solutions in water	4 x 1000 µl
rNS-100	Set of 100 mM ATP, GTP, CTP, UTP in water	100 mM solutions in water	4 x 10 000 µl
rNS-401	Set of 100 mM ATP, GTP, CTP, UTP in TE buffer	100 mM solutions in TE buffer	4 x 100 µl
rNS-410	Set of 100 mM ATP, GTP, CTP, UTP in TE buffer	100 mM solutions in TE buffer	4 x 1000 µl
rNS-400	Set of 100 mM ATP, GTP, CTP, UTP in TE buffer	100 mM solutions in TE buffer	4 x 10 000 µl

Storage and transportation conditions:

Long term storage at -20°C. It is transported in a frozen form, the solution may be defrosted and transported at ambient temperature.

Shelf life: 12 months.

¹ TE buffer: 10 mM Tris-HCl, 1 mM EDTA, pH 7.5.