



Product Insert

**NTP Mix**

Research Use Only

### Product

Ribonucleoside-5' Triphosphate (NTP) Mix

### Description:

A solution containing 25  $\mu\text{mol}$  of each ATP, GTP, CTP and UTP (pH 7.0) as sodium salts in a convenient mix at 100 mM (total NTP concentration).

Bioline NTP's are >98% pure as analysed by HPLC and are free of DNase, RNase, Protease, Phosphatase and nicking activity.

### Catalogue No.:

BIO-39050                      100  $\mu\text{mol}$  total NTP

### Presentation / Batch details:

Concentration:            100mM total  
Presentation:            1 ml  
Batch No:                See vial

### Application:

NTPs are suitable for use in in-vitro transcription reaction for production of RNA probes or RNA transcripts. Mix equal volumes of all separate NTP solutions.

### Typical Analysis:

Sodium salts, >98% nucleoside triphosphates (HPLC, area %), <2% nucleoside diphosphates

### Storage and stability:

Bioline NTPs can be stored at -20°C or -70°C, in a constant temperature freezer. Avoid multiple freezing / thawing. For long-term usage, aliquoting is recommended.

### Associated products

Product Name	Pack Size	Cat No
NTP set	4 x 25 $\mu\text{mol}$	BIO-39052
dNTP mix	50 $\mu\text{mol}$ total	BIO-39028
Co-precipitant Colourless	1.5 ml	BIO-37074
Co-precipitant Pink	1.5 ml	BIO-37075
Co-precipitant Orange	1.5 ml	BIO-37076
Agarose	500g	BIO-41025
Filter Barrier Tips	0.5 – 1000 $\mu\text{l}$	Plasticware Chapter

**This product contains a declaration of analysis at the time of manufacture**