

# invitrogen™

by *life* technologies™

## UTP (Uridine 5'-Triphosphate)

<b>Cat. no.</b> 18333-013	<b>Size</b> 500 µL	<b>Conc.</b> 10 mM
<b>Pub. Part no.</b> 18333013.pps	MAN0001390	<b>Store at</b> -30°C to -10°C
		<b>Rev. Date</b> 17 August 2011

### Description

Uridine 5'-triphosphate is dissolved in DEPC-treated water and neutralized to pH 7.0 with NaOH. Tris-HCl pH 7.5 is added to a final concentration of 1 mM. This solution is qualified for work in *in vitro* transcription reactions.

### Functional Assay Conditions

- 20 µL 5X T3/T7 Reaction Buffer
- 10 µL 10 mM NTP Mix
- 1 µg linearized plasmid DNA
- 5 µL 0.1 M DTT
- 2 µL T7 RNA Polymerase (50 U/µL)
- Reaction Volume: 100 µL
- Incubation Time: 1 hour at 37°C

**Intended Use:** For research use only.

Not intended for any animal or human therapeutic or diagnostic use.

## Certification of Analysis

The Certificate of Analysis (CofA) provides detailed quality control information for each product. The CofA is available on our website at [www.invitrogen.com/cofa](http://www.invitrogen.com/cofa), and it is searchable by product lot number, which is printed on each box.

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