

## Poly(U) Polymerase

Cat.#	Size	Conc.
M054S	60 units	2 units/µl

Expire date:

Store at -20°C

Supplied with: 10X Poly(U) Pol Reaction Buffer

### Description

Poly (U) Polymerase is catalyzes the action of attaching AMP from ATP or attaching UMP from UTP to the 3' end of RNA.

### Characteristics

- Source : *E. coli* strain
- Molecular weight : 46 kDa
- Reaction temperature : 37°C
- Heat inactivation : No

### Applications

- Labeling using UTP in RNA
- Poly (U) tailing in RNA

### 1X Reaction buffer

10 mM Tris-HCl (pH7.9), 50 mM NaCl, 10 mM MgCl<sub>2</sub>, 1 mM DTT

### Storage buffer

100 mM NaCl, 10 mM Tris-HCl (pH7.5), 1 mM DTT, 0.1 mM EDTA, 50% Glycerol

For Research Use Only. Not for use in diagnostic procedures.

ISO9001 ISO14001 ISO13485

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### Reaction Conditions

RNA	> 100 µmol
10X Poly(U) Pol Reaction Buffer	2.5 µl
Poly(U) Polymerase	1 µl
RNase Inhibitor (Cat. No. M007S)	1 µl
rUTP	Final 0.5 mM
Sterile water	up to 25 µl

→ Incubate at 37°C for 30 min.

\*'Standard conditions' is only a general recommendation. The experimental conditions should be adjusted according to the purpose and sample.

### Limitation of Liability

In no event will Enzynomics be liable for any direct, indirect, consequential, or incidental damages arising out of the use, the results of use, or the inability to use this product.

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