

Exonuclease T

Cat.#	Size	Conc.
M052S M052L	250 units 1,250 units	5 units/µl 5 units/µl

Expire date:

Store at -20°C

Supplied with: 10X Exonuclease T Reaction Buffer

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

ISO9001 ISO14001 ISO13485

Description

Exonuclease T is an enzyme that removes single stranded RNA (ssRNA) or DNA nucleotides in the 3'→5' direction.

Characteristics

- Source : *E. coli*/strain
- Molecular weight : 27 kDa
- Reaction temperature : 25°C
- Heat inactivation : 65 for 20 min

Applications

- Blunt end formation of RNA or DNA with 3' end

Quality control

- Purity: >99% on SDS-PAGE
- Endonuclease-free
- No 5'→3' ss and ds Exonuclease Activity

10X Reaction buffer

500mM Potassium Acetate, 200 mM Tris-acetate,
100 mM Magnesium Acetate, 10 mM DTT

Storage buffer

10 mM Tris-HCl (pH7.4), 50 mM KCl, 1 mM DTT, 0.1 mM EDTA
200 µg/ml BSA, 50% Glycerol

Reaction Conditions

DNA or RNA	X µg
10X Exonuclease T Reaction Buffer	2 µl
Exonuclease T	1 µl
Sterile water	up to 20 µl

→ Incubate at 25°C for 30 min.

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