

M-MLV Reverse Transcriptase

Cat. No. 27032

Research Use Only

Purified from *Moloney murine leukemia virus*

200 U/ μ l (50 μ l)

Store at -20

Storage buffer : 20mM Tris-HCl (pH 7.5), 0.1mM DTT, 0.01% NP-40, 0.1mM EDTA, 0.1M NaCl, 50% glycerol

5x buffer : 250mM Tris-HCl (pH 8,3), 375mM KCl, 15mM MgCl₂, 100mM DTT

Unit : One unit incorporates 1nmol dTTP into acid-precipitable material in 10min at 37 °C

QC data : Nuclease activity is not detected.

General Use : Use 1 μ l of M-MLV RT in a 20 μ l of reaction.

Application

- cDNA synthesis
- Sequencing single and double-stranded DNA
- Sequencing single and double-stranded RNA
- Random priming reaction

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