

M-MLV Reverse Transcriptase (Glycerol-Free)

Catalog Number LDG0011RF

Package 20,000 U / 50,000 U / Customized package

For full product information, images and publications, please visit [our website](#).



Overview

Description

Moloney Murine Leukemia Virus (M-MLV) Reverse Transcriptase is an RNA-dependent DNA polymerase that synthesizes the first strand of complementary cDNA from a single-stranded RNA template with hybridized primer. This kit features high activity formulation of M-MLV RT and 5X reverse transcription buffer which are capable of full-length cDNA synthesis and high cDNA yields.

Product Note

After the reaction is complete, M-MLV RTase can be inactivated by incubation at 65°C for 20 minutes

Components

Package	Items	Quantity
20,000 U	M-MLV Reverse Transcriptase (Glycerol-Free) (200 U/μL)	1 vial (20,000 U)
50,000 U	M-MLV Reverse Transcriptase (Glycerol-Free) (200 U/μL)	1 vial (50,000 U)

Specifications

Expression system

Escherichia coli

Application

Reverse transcription, RT-PCR, qPCR

Concentration

200 U/uL

Unit Definition

One unit is defined as the amount of the enzyme incorporates 1 nmol of dTTP into acidinsoluble product in 10 minutes at 37°C.

Purity

>98% as determined by SDS-PAGE analysis.

Form

Liquid

Instruction**Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

Disclaimer : For Research Use or Further Manufacturing Only.