
Product Data Sheet

Product Name: MMLV RT
Cat. No.: GP21927
Batch No.: 1

Product Data

Purity	>98%	Source	Recombinant E. coli strain.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	50mM Tris-HCl, 0.1M NaCl, 0.1% Triton X-100, 2mM DTT, 0.1mM EDTA and 50% glycerol.		

Stability

Stable for 5 days at 10°C , for longer period of time store at -20°C . Please prevent freeze-thaw cycles.

Background

MMLV (Moloney Murine Leukemia Virus) Reverse Transcriptase is a DNA polymerase that synthesizes a complementary DNA strands from single-stranded RNA, DNA, or an RNA-DNA hybrid as a template. This recombinant enzyme was purified from E.coli, which carried a modified MMLV-RT gene. Compared to AMV Reverse Transcriptase, this enzyme has a much weaker 5' - 3' ribonuclease H activity, which allows the syntesis of longer cDNAs (>7kb).

Caution: Product has not been fully validated for medical applications. For research use only.

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