

M-MLV RT Buffer

Cat. No. 18057-018

Size: 1 ml

Doc. Rev.: 04/26/01

Store at -20°C.

For use with Moloney Murine Leukemia Virus Reverse Transcriptase (M-MLV RT), Cat. No. 28025-013. Instructions for the use of M-MLV RT are provided on the enzyme product profile.

Components:

Y00146	5X First Strand Buffer	1 ml
Y00147	0.1 M DTT	0.5 ml

5X First Strand Buffer Composition:

250 mM Tris-HCl (pH 8.3)

375 mM KCl

15 mM MgCl₂

This buffer does NOT contain actinomycin D, nucleotides, or dithiothreitol (DTT).

The 5X First Strand Buffer is supplied as the 5X concentrate and should be diluted, 1:5 (1 part 5X First Strand Buffer + 4 parts other components = 5 parts final reaction volume.)

DTT should be added fresh to the reaction at a final concentration of 10 mM.

Thaw the 5X First Strand Buffer and 0.1 M DTT at room temperature before use. Vortex tubes vigorously to dissolve any precipitated material.

Quality Control:

This product has passed the following quality control assays: functional absence of ribonuclease and performance in a reverse transcriptase unit assay.

For Research Use Only. Not for diagnostic procedures.

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