



NxGen™ M-MuLV Reverse Transcriptase

Part no. 30222

Supplied at 200,000 U/mL in 50 mM Tris-HCl, 150 mM NaCl, 0.1 mM EDTA, 1 mM dithiothreitol, 0.1% NP-40 Alternative, 50% glycerol, pH 7.6 @ 25°C.

10X M-MuLV RT Buffer which in 1X form is composed of 50 mM Tris-HCl, 75 mM KCl, 3 mM MgCl₂, 10 mM dithiothreitol, pH 8.3 @ 25°C.

Source: A recombinant *E. coli* strain carrying the Moloney-Murine Leukemia Virus Reverse Transcriptase gene.

Unit Concentration	200,000 U/mL
Purity (SDS-PAGE)	>99%
SS Exonuclease	200 U <5.0% released
DS Exonuclease	200 U <0.5% released
Endonuclease	200 U <10% converted
<i>E. coli</i> 16S rDNA Contamination	200 U <10 copies
Storage	-20°C

