

NxGen™ Terminal Transferase

Part no. 30225

Supplied at 20,000 U/mL in 50 mM KPO₄, 100 mM NaCl, 0.1 mM EDTA, 1.0 mM dithiothreitol, 0.1% Triton X-100, 50% glycerol, pH 7.3 @ 25°C.

Terminal Transferase Buffer in 1X form is composed of 20 mM Tris-Acetate, 50 mM Potassium Acetate, 10 mM Magnesium Acetate, 1.0 mM dithiothreitol, pH 7.9 @ 25°C.

Source: An *E. coli* strain that carries the cloned terminal transferase gene from calf thymus.

Unit Concentration	20,000 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

 Lucigen®