



NxGen™ Exonuclease III

Part no. 30263

Supplied at 100,000 U/mL in 25 mM Tris-HCl, 50 mM NaCl, 1.0 mM Dithiothreitol, 0.1 mM EDTA, 50% Glycerol, pH 8.0 @ 25°C.

Exonuclease III Reaction buffer in 1X form is composed of 10 mM Bis-Tris Propane, 10 mM MgCl₂, 1.0 mM dithiothreitol, pH 7.0 @ 25°C.

Source: Purified from a strain of *E. coli* that expresses the recombinant Exonuclease III gene.

Unit Concentration	100,000 U/mL
Purity (SDS-PAGE)	>99%
Endonuclease	1000 U <10% converted
<i>E. coli</i> 16S rDNA Contamination	1000 U <10 copies
UDG Activity	< 20 U/mL
Storage	-20°C

