

DNase I Reaction Buffer



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B0303S 001140217021

B0303S

6.0 ml DNase I Reaction Buffer (10X)

Store at -20°C Lot: 0011402 Exp: 2/17

Description: New England Biolabs supplies a 10X reaction buffer with all of its enzymes. At a 1X concentration this reaction buffer assures optimal activity of the enzyme.

1X DNase I Reaction Buffer:

10 mM Tris-HCl
2.5 mM MgCl_2
0.5 mM CaCl_2
pH 7.6 @ 25°C

Quality Control Assays

RNase Activity: Incubation of this reaction buffer at 1X concentration with 100 units of DNase I and 10 μg of double-stranded RNA Ladder for 2 hours at 37°C resulted in the same electrophoretic profile as untreated RNA. Incubation of this reaction buffer at 1X concentration with 2 units of DNase I and 10 μg of single-stranded RNA Ladder for 1 hour at 37°C resulted in the same electrophoretic profile as untreated RNA.

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