

User Manual

Version 3.2

Product name: Lambda Exonuclease

Cat #: LE-100, LE-200, LE-OEM, B-LE10

Description:

Lambda Exonuclease is a highly processive exonuclease which selectively degrades the 5'-phosphorylated strand of double-stranded DNA via the stepwise 5' to 3' release of mononucleotides from duplex DNA. Lambda Exonuclease is inactive against 5'-hydroxyl termini, and will not initiate excision at a nick or gap, though it will degrade a 5'-overhanging tail from duplex DNA at a greatly reduced rate.

Protocol:

Set-up the reaction as follows:

DNA up to 1 μ g
10X Lambda Exo Reaction Buffer 5 μ l
Lambda Exnuclease 0.5 μ l (10 units)
H₂O up to 50 μ l

Incubate at 37°C for 1-4 hr

Heat inactivate at 75°C for 10 min