



R0105S 050131215121



Scan for
product
info.

TelN Protelomerase

S

M0651S

250 units

5,000 units/ml

Lot: 0501312

Exp: 12/15

Store at -20°C

Description:

TelN Protelomerase, from phage N15, cuts dsDNA at a TelN recognition sequence and leaves covalently closed ends at the site of cleavage.

For Research Use Only.

New England Biolabs is an ISO 9001,
ISO 14001 and ISO 13485 certified facility.



NEW ENGLAND
BioLabs[®] Inc.

TelN Protelomerase



Protocol:

1. Setup the following reaction in a microcentrifuge tube on ice.

COMPONENTS	20 μ l Reaction
dsDNA (< 300 fmol of TelN sites)	X μ l
ThermoPol [®] Reaction Buffer (10X)	2 μ l
TelN Protelomerase	1 μ l
Nuclease-free Water	to 20 μ l

2. Gently mix the reaction by pipetting up and down and microcentrifuge briefly.
3. Incubate at 30°C for 30 minutes followed by 75°C for 5 minutes.

5' ... TATCAGCACACAATTGCCATTATACGCGCGTATAATGGACTATTGTGTGCTGATA ... 3'
3' ... ATAGTCGTGTGTTAACGGGTAATATGCGCGCATATTACCTGATAACACACGACTAT ... 5'

↓ TelN Protelomerase

5' ... TATCAGCACACAATTGCCATTATACGC → GCGTATAATGGACTATTGTGTGCTGATA ... 3'
3' ... ATAGTCGTGTGTTAACGGGTAATATGCG ← CGCATATTACCTGATAACACACGACTAT ... 5'

For detailed product information, scan the code on the front or visit www.neb.com/M0651

V1.0

This product is covered by one or more patents, trademarks and/or copyrights owned or controlled by New England Biolabs, Inc. For more information about commercial rights, please email us at gbd@neb.com. The use of this product may require you to obtain additional third party intellectual property rights for certain applications.