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Feb 20, 2022

Removal of Single-Stranded Extension using Mung Bean Nuclease (M0250) V.2

New England Biolabs[1]

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dx.doi.org/10.17504/protocols.io.bb2riqd6

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This is the protocol for the removal of single-stranded extension using Mung Bean Nuclease (M0250).

DOI

dx.doi.org/10.17504/protocols.io.bb2riqd6

https://www.neb.com/protocols/0001/01/01/removal-of-single-stranded-extension

New England Biolabs 2022. Removal of Single-Stranded Extension using Mung Bean Nuclease (M0250). **protocols.io**
https://dx.doi.org/10.17504/protocols.io.bb2riqd6
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single extension, removing single stranded extensions, mung bean nuclease

protocol ,

Jan 31, 2020

Feb 20, 2022

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MATERIALS

Mung Bean Nuclease - 1,500 units **New England Biolabs Catalog #M0250S**

Please see SDS (Safety Data Sheet) for hazards and safety warnings.

1 Suspend DNA ([M] **0.1 µg/µl**) in 1X *Mung Bean Nuclease Buffer* or 1X *NEBuffer 1.1, 2.1* or *CutSmart*®.

2 

Add 1.0 unit of *Mung Bean Nuclease* per µg DNA.

3 

Incubate at **30 °C** for **00:30:00** .

4 Inactivate the enzyme by phenol/chloroform extraction or by addition of SDS to 0.01%.

5 Recover the DNA by ethanol precipitation.

Citation: New England Biolabs Removal of Single-Stranded Extension using Mung Bean Nuclease (M0250)
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