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Version 3

## NEBNext Ultra End Prep Mixture E7442 V.3

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**Protocol status:** Working

**We use this protocol and it's working**

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## Materials

### MATERIALS

⊗ NEBNext End Prep Enzyme Mix **New England Biolabs Catalog #E7646**

⊗ NEBNext End Repair Reaction Buffer **New England Biolabs Catalog #E7372**

### STEP MATERIALS

⊗ NEBNext End Prep Enzyme Mix **New England Biolabs Catalog #E7646**

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## Protocol materials

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## Troubleshooting



## NEBNext End Prep


1

**Starting Material:** 5 ng-1 µg fragmented DNA

Mix the following components in a sterile, nuclease-free tube:

Component	Volume
End Prep Enzyme Mix	3 µl
End Repair Reaction Buffer (10X)	6.5 µl
Fragmented DNA	55.5 µl
Total Volume	65 µl

 NEBNext End Prep Enzyme Mix **New England Biolabs Catalog #E7646**

 NEBNext End Repair Reaction Buffer **New England Biolabs Catalog #E7372**

2 Mix by pipetting, followed by a quick spin to collect all liquid from the sides of the tube.

3 Place in a thermocycler, with the heated lid on, and run the following program:

**30 minutes @ 20°C**

**30 minutes @65°C**

**Hold at 4°C**

4 Proceed directly to NEBNext Ultra Ligation Module (NEB #E7445).