



Version 3

Jul 31, 2020

NEBNext Ultra End Prep Mixture E7442 V.3

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Works for me

dx.doi.org/10.17504/protocols.io.k6yczfw

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EXTERNAL LINK

<https://www.neb.com/protocols/2012/11/15/nebnext-end-prep-e7370>

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MATERIALS

| NAME | CATALOG # | VENDOR |
|------------------------------------|-----------|---------------------|
| NEBNext End Prep Enzyme Mix | E7646 | New England Biolabs |
| NEBNext End Repair Reaction Buffer | E7372 | New England Biolabs |

STEPS MATERIALS

| NAME | CATALOG # | VENDOR |
|------------------------------------|-----------|---------------------|
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NEBNext End Prep

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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

by New England Biolabs

Catalog #: E7646



NEBNext End Repair Reaction Buffer

by 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).