

# Quick Ligation Protocol (M2200)

## New England Biolabs

### Abstract

This protocol is to be performed with the Quick Ligation Reaction Buffer. Please see the NEB website for more information.

**Citation:** New England Biolabs Quick Ligation Protocol (M2200). [protocols.io](https://www.protocols.io)

[dx.doi.org/10.17504/protocols.io.cdgs3v](https://dx.doi.org/10.17504/protocols.io.cdgs3v)

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## Materials

 Quick Ligation Kit - 30 rxns [M2200S](#) by [New England Biolabs](#)

## Protocol

### Step 1.

Combine 50 ng of vector with a 3-fold molar excess of insert. Adjust volume to 10 µl with dH<sub>2</sub>O.

#### NOTES

**New England Biolabs** 16 Sep 2014

Use [NEBioCalculator](#) to calculate molar ratios.

#### ANNOTATIONS

**Stefanie Buchholz** 02 Jun 2016

7.5 Vektor; mTRPC1-VL-ØPore\_pMax\_IRES-GFP\_lin; 3.73ng/µl

2.5 Insert; mTRPC4-Pore\_LH47/LH48; 22ng/µl 1:10verd.

### Step 2.

Add 10 µl of 2X Quick Ligation Buffer and mix.

#### AMOUNT

10 µl Additional info:

#### REAGENTS

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### Step 3.

Add 1 µl of Quick T4 DNA Ligase and mix thoroughly.

#### AMOUNT

1 µl Additional info:



## REAGENTS



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### Step 4.

Centrifuge briefly and incubate at room temperature (25°C) for 5 minutes.



### DURATION

00:05:00

### Step 5.

Chill on ice, then transform or store at -20°C.