

Single-temp DD Reaction

New England Biolabs

Abstract

Citation: New England Biolabs Single-temp DD Reaction. [protocols.io](https://www.protocols.io)

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Protocol

Step 1.

DNA **1 µg**

 [AMOUNT](#)

1 µg Additional info:

 [ANNOTATIONS](#)

Adam Davis 18 Aug 2015

Calculate by dividing 1000 by ng of DNA reported by nanodrop.

e.g. $1000\text{ng}/(50\text{ng}/\mu\text{l}) = 20\mu\text{l}$ to add to rxn

Step 2.

10X NEBuffer **5 µl** (1X)

Step 3.

Restriction Enzyme #1, 10 units is sufficient, generally **1 µl** is used

 [ANNOTATIONS](#)

huini wu 28 Jul 2017

EcoR1

Step 4.

Restriction Enzyme #2, 10 units is sufficient, generally **1 µl** is used

 [ANNOTATIONS](#)

Jerry Wang 28 Dec 2015

Fill to 50µl with water

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BAM1