



Restriction endonuclease reactions

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¹2021 iDEC NEFU_China

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1 *Works for me*

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ABSTRACT

This protocol is used to having restriction endonuclease reactions based on endonuclease by NEB.

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KEYWORDS

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MATERIALS TEXT

Water bath
ddH₂O
Endonuclease (NEB)
10 x NEBuffer

1 Add the following reagents to a PCR tube (e.g. 50µl) on ice.

A	B
Restriction Enzyme	10 units is sufficient, generally 1 µl is used
DNA	1µl
10 x NEBuffer	5µl
ddH ₂ O	To 50µl

2 Incubate at 37°C in water bath for 1 hour.

3 Stop the reaction by heat inactivation. Temperature and time for inactivation depends on the enzyme.

4 Use electrophoresis to confirm if correct construct was present.