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Restriction endonuclease reactions

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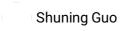
¹2021 iDEC NEFU_China





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

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Water bath ddH2O Endonuclease (NEB) 10 x NEBuffer

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



Α	В
Restriction Enzyme	10 units is sufficient, generally 1 μl is used
DNA	1μΙ
10 x NEBuffer	5μΙ
ddH2O	Το 50μΙ

- 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.