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## Restriction Enzyme Digestion (Protocol for NEB CutSmart® Buffer)

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1

Works for me

[dx.doi.org/10.17504/protocols.io.7jhhkj6](https://doi.org/10.17504/protocols.io.7jhhkj6)[Alba Balletbó](#) ⚡

### ABSTRACT

This protocol is used to check if the two selected restriction enzymes can perform effective catalysis in the same solution.

### MATERIALS

#### NAME

CutSmart Buffer - 5.0 ml

#### CATALOG #

B7204S

#### VENDOR

New England Biolabs

- 1 Mix DNA solution with the suitable amount of the master mix. Reaction system for a total volume of 25µL:

DNA solution	20 µL
10x NEB CutSmart® Buffer	2.75 µL
Restriction enzyme	1.0 µL
ddH2O	1.25 µL
<b>Total Volume</b>	25 µL

- 2 Mix gently in the eppendorf tube.

- 3 Incubate at 37°C for 20 minutes.



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