SEP 22, 2019

Restriction Enzyme Digestion (Protocol for NEB CutSmart® Buffer)

Alba Balletbó¹

¹Wageningen University

iGEM Wageningen 2019

Alba Balletbó

OPEN ACCESS

DOI:
dx.doi.org/10.17504/protocols.io.7jhhkj6

Protocol Citation: Alba Balletbó 2019. Restriction Enzyme Digestion (Protocol for NEB CutSmart® Buffer).
protocols.io
<https://dx.doi.org/10.17504/protocols.io.7jhhkj6>

License: This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working
 We use this protocol and it's working

Created: Sep 22, 2019

Last Modified: Sep 22, 2019

PROTOCOL integer ID:
 27977

ABSTRACT

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

MATERIALS

MATERIALS

✂ CutSmart Buffer - 5.0 ml **New England Biolabs Catalog #B7204S**

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

DNA solution	20 μ L
10x NEB CutSmart [®] Buffer	2.75 μ L
Restriction enzyme	1.0 μ L
ddH ₂ O	1.25 μ L
Total Volume	25 μ L

2 Mix gently in the eppendorf tube.

3 Incubate at 37°C for 20 minutes.