A Typical DNase I Reaction (M0303)

New England Biolabs

Abstract

This is a protocol for a typical DNase I Reaction, using the M0303 RNase-free DNase I.

Citation: New England Biolabs A Typical DNase I Reaction (M0303). **protocols.io** dx.doi.org/10.17504/protocols.io.cqevtd
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Materials

DNase I (RNase-free) - 1,000 units M0303S by New England Biolabs

Protocol

Step 1.
Resuspend **10 µg** RNA in 1X DNase I Reaction Buffer to a final volume of **100 µl**

Step 2.
Add 2 units of DNase I

Step 3.
Mix thoroughly

Step 4.
Incubate at 37°C for 10 minutes.

DURATION
00:10:00

Step 5.
Add **1 µl** of 0.5 M EDTA (to a final concentration of **5 mM**).

AMOUNT
1 µl Additional info:
DURATION
00:10:00

ANNOTATIONS
Cecilie Christensen 07 Mar 2018

Is the pH 8 for the EDTA?

Step 6.
Heat inactivate at 75°C for 10 minutes.