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A Typical DNase I Reaction (M0303) V.1

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Abstract

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

Materials

MATERIALS

DNase I (RNase-free) - 1,000 units **New England Biolabs Catalog #**M0303S

Troubleshooting

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

2 Add 2 units of DNase I

3 Mix thoroughly

4 Incubate at 37°C for 10 minutes.
00:10:00

5 Add **1 µl** of 0.5 M EDTA (to a final concentration of **5 mM**).
1 µL
00:10:00

6 Heat inactivate at 75°C for 10 minutes.