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Version 1

## 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.