# Removal of genomic DNA from RNA preparations (Thermo Scientific )

**Maximilian Dietsch**

## Abstract

Removal of genomic DNA from RNA preparations

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## Protocol

### Step 1.

| **Add to an RNase free tube:** | |
|---|---|
| RNA | 1 µg |
| 10X reaction buffer with $MgCl_2$ | 1 µl |
| DNase I, RNase-free | 1 µl (1U) |
| Water | to 10 µl |

### Step 2.

Incubateat 37 °C for 30 min

TEMPERATURE
37 °C Additional info:

### Step 3.

Add EDTA, Water and PCI and vortex thoroughly.

AMOUNT
1 µl Additional info: EDTA
AMOUNT
80 µl Additional info: Water
AMOUNT
100 µl Additional info: PCI (phenol chloroform isoamyl alcohol)

### Step 4.

Centrifuge for 10 min at 10.000 rpm and 4 °C

### Step 5.

transfer the upper phase into a fresh tube and add 3 volumen EtOH/ 3M Natrumacetat  (30:1, ph 5.2 )

**Step 6.**

precipitate RNA over night at -20 °C