

# cDNA Synthesis and RNase treatment

## Aim of the experiment

To reverse transcript RNA to cDNA for further analysis and RNase treatment is used to denature RNA to remain only the cDNA in the solution.

## Materials

- Maxima H Minus Reverse Transcriptase (Thermo Fisher)
- Reverse Primer
- RNA

## Procedure

1. Mix the reagents mentioned above.

Concentration	Reagents
200U = 1 $\mu$ l	Maxima H Minus Reverse Transcriptase
20 pmol	Reverse Primer
1 $\mu$ g	RNA

2. Incubate for 20 minutes at 50°C, then 5 minutes at 85°C.
3. storage at -80°C.

## RNase treatment mandatory

1. Add 1  $\mu$ g/ml RNase, incubation for 20 minutes at RT.