# RESTRICTION

## MATERIALS

- 1.5mL microtubes
- Restriction enzymes

## EQUIPMENT

- Nanophotometer
- Thermoblock or thermomixer

## PROTOCOL

Before starting the restriction reaction, we must measure the concentration of our sequence of interest, then:

1. Place ≥ 50ng the sequence to be cut in a 1.5mL microtube.
2. Place 10X cutting buffer until reaching a final concentration of 1X.
3. Add 1 µl of the necessary restriction enzyme to the mixture.
4. Complete the reaction at 20 µl using the necessary volume of water.

References:

https://assets.thermofisher.com/TFS-Assets/LSG/manuals/MAN0011906_DNAsert_Ligation_Vector_DNA_UG.pdf

https://assets.thermofisher.com/TFS-Assets/LSG/manuals/MAN0011965_ControlReaction_T4DNA_Ligase_Activity_UG.pdf