

# Elimination template

## Aim of the Experiment

This experiment can be used to digest the residual plasmid templates in PCR.

## Materials

- DpnI
- Cut smart buffer
- Target DNA(to be digested)

**Table 1: Reaction Mixture**

Material	Content
out smart Buffer	5 $\mu$ L
DpnI	1 $\mu$ L
PCR products	50 $\mu$ L

## Procedure

1. Prepare reaction mixture according to table 1. Multiple types of re-striction enzymes can be used in one mix. As a rule of thumb, 5 plof10x buffer and 1 plof each enzyme are added.
2. Mix components by resuspending with pipette . Incubate reaction mix for 1 h in a metal bath at 37 °C.