

# Restriction Digestion

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## Introduction

Get started by giving your protocol a name and editing this introduction.

## Materials

- › Ice
- › 0,5µl tube
- › DNA to be restricted
- › NEB CutSmart Buffer
- › Restriction enzymes
- › Heatblock or PCR machine
- ›

## Procedure

1. Keep all enzymes and buffers on ice.
2. Pipet 2,5µl 10x NEB CutSmart Buffer into the tube
3. Add about 250ng DNA
4. Add 0,5µl of each enzyme you want to restrict with
5. Adjust total volume to 25µl with sterile water
6. Mix by pipetting
7. Spin the samples briefly to make sure everything is in the bottom of the tube
8. Incubate at +37°C for 30min
9. Incubate at +80°C for 20min
10. Use ~2µl of the digest for ligations