

# PCR Clean-Up

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## Introduction

Kit to purify DNA and remove unwanted buffer from the sample after PCR or restriction digestion (attention: all DNA-Fragments, the desired as well as the unwanted, will be recovered).

## Materials

- GeneJET PCR Purification Kit Thermo Fisher
- nuclease-free water
- DNA-sample
- Eppis

## Procedure

- Bind DNA
  1. Add 1:1 volume of Binding buffer to the PCR/digestion mixture
    - (DNA-fragment should be between 500 and 10,000 bp)
  2. Transfer the solution to the GeneJET Purification column, centrifuge for 1 min, 13,000 g, discard flow through
- Wash
  1. Add 700µl of Wash buffer and centrifuge for 1 min, 13,000 g, discard flow through
  2. Centrifuge empty Eppi for 1 min, 13,000 g, discard flow through
- Elution
  1. Place the column in an empty Eppi, add 50µl of nuclease-free water, centrifuge for 1 min, 13,000 g, **collect** flow trough.