

## Dephosphorylation

- warm up heatblock to 37 °C
- **dephosphorylation:** to avoid re-ligation of digested DNA between 5'- and 3'-ends
  - pipette all reagents in a 1.5 ml tube

<b>Dephosphorylation mix</b>	
SAP (Shrimp Alkaline Phosphatase)	1 µl
SAP-buffer	4 µl
in H <sub>2</sub> O eluted DNA	35 µl

- incubation: 1.5 h at 37 °C
- PCR-purification after phosphorylation

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### dephosphorylation

experiment date: \_\_\_\_\_; time: \_\_\_\_\_

- name of investigator: \_\_\_\_\_

Plasmid-number:	volume
SAP	
SAP-buffer	
in H <sub>2</sub> O eluted DNA	