

## EXO I - SAP clean up kit

Alkaline Phosphatase / Exonuclease mix for clean up of PCR products

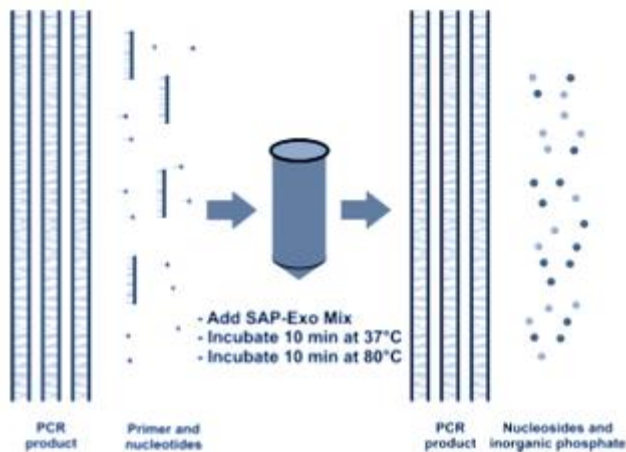
### Description:

The Kit contains two hydrolytic enzymes, recombinant Shrimp Alkaline Phosphatase (rSAP) and Exonuclease I (Exo I). The combination of these enzymes ensures complete dephosphorylating of dNTPs and degradation of residual primers, enabling downstream applications, such as sequencing, genotyping, cloning or SNP analysis. The reagents are active in commonly used PCR buffers and eliminates the need for additional buffer exchange.

### Applications:

SAP-Exo Kit is a quick, easy and reliable enzymatic clean up reagent for PCR product clean up.

- Removes excess primers and dNTPs
- Fast 20 minute protocol
- Add directly to PCR product
- 100% Sample Recovery
- Scalable for different reaction sizes
- No interference on downstream applications
- Easy to automate



### Protocol:

- Add 2µl of SAP-Exo mix directly to 5µl PCR product (or scale up, e.g. 4µl SAP-Exo mix to 10µl PCR product) and mix well
- Incubate for 10 min at 37°C
- Inactivate for 10 min at 80°C

PCR products are ready for downstream applications without any need for further processing.

**Content:** SAP-Exo Mix (red cap)

**Shipping:** shipped on blue ice

**Storage Conditions:** store at -20°C

**Notes:** avoid multiple freeze / thaw cycles

**Shelf Life:** at least 18 months

### Ordering information:

Cat.-No:	Description	Amount
S610	EXO I – SAP clean up Kit	500 µl
S610L	EXO I – SAP clean up Kit	5x500µl

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