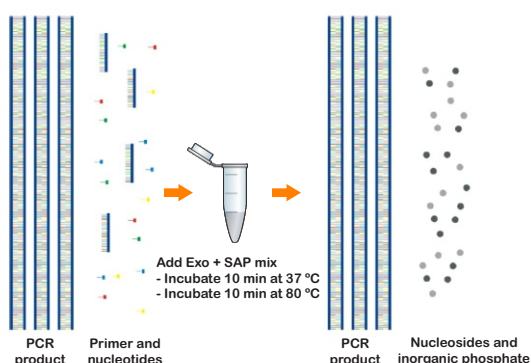


DATA SHEET

**Exo + SAP**

Exonuclease/Alkaline Phosphatase mix
 For cleanup of PCR products

Cat. Nº.	Amount
<input type="checkbox"/> DPK-100XS	40 µL (20 reactions)
<input type="checkbox"/> DPK-100S	200 µL (100 reactions)
<input type="checkbox"/> DPK-100M	500 µL (250 reactions)
<input type="checkbox"/> DPK-100L	1.000 µL (500 reactions)
<input checked="" type="checkbox"/> DPK-100XL	4 x 1.000 µL (2.000 reactions)



For *in vitro* use only!

Shipping:

Shipped on blue ice

Storage Conditions:

Store at -20 °C

Additional Storage Conditions:

Avoid freeze/thaw cycles

Shelf Life:

12 months

Kit contents:

Exo + SAP mix

Applications:

Exo + SAP Kit is a quick, easy and reliable enzymatic cleanup reagent for PCR product cleanup.

- 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

Description:

The Kit contains two hydrolytic enzymes, recombinant Shrimp Alkaline Phosphatase (rSAP) and Exonuclease I (Exo I). The combination of these enzymes ensures complete dephosphorylation 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.

Protocol

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

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