



EnzSAP™ PCR Clean-up Reagent



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Simple 15-minute protocol with minimal hands-on time

- **Add directly to PCR product**
- **Degrades excess primers and completely inactivates dNTPs**

Ideal for sequential enzymatic reactions

- **No need to change reaction buffer**

Developed for use with robotic pipettors

- **Automatable solution for high volume labs**

100% Sample Recovery

- **No loss of valuable samples**





EnzSAP™ PCR Clean-up Reagent is a proprietary formulation of two hydrolytic enzymes—recombinant Shrimp Alkaline Phosphatase and Exonuclease I. These two enzymes ensure complete inactivation of residual PCR reaction components through dephosphorylation of dNTPs and degradation of primers. PCR amplicons are immediately ready for sequential enzymatic reactions like NGS library preparation and Sanger DNA sequencing without any need for further processing.

EnzSAP can be added directly to the PCR amplicons using a simple 15-minute protocol:

- Transfer 5 μ L of a finished PCR reaction to a new micro tube.
- Add 2 μ L of *EnzSAP*
- Incubate at 37°C for 5 minutes
- Heat inactivate at 80°C for 10 minutes

EnzSAP eliminates the need for tedious gel, column, or magnetic bead purifications with no loss of precious samples since all steps take place in a single tube, and double-stranded PCR amplicons are left completely intact, irrespective of its size.

EnzSAP is ideal for use with robotic pipettors and can be added directly to PCR reactions in 96- or 384-well plates.

EnzSAP provides a complete purification workflow for Sanger DNA sequencing when used in combination with our Optima DTR™ BigDye® Terminator Removal products.

Ordering Information*

CATALOG	PRODUCT DESCRIPTION	REACTIONS
EnzSAP-500	EnzSAP™ PCR Clean-up Reagent	500

*Not available for purchase in Canada, Japan, or the United States.

Go to edgebio.com to contact our partner in your region for an evaluation sample.

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