

Introduction

PureIT ExoZAP PCR CleanUp is a ready-to-use reagent that provides efficient post-PCR cleanup, streamlining preparation for downstream applications. The reagent combines a heat-labile Exonuclease I (HL-ExoI) with recombinant Shrimp Alkaline Phosphatase (rSAP), working together to remove residual primers, single-stranded DNA, and deactivate excess dNTPs.

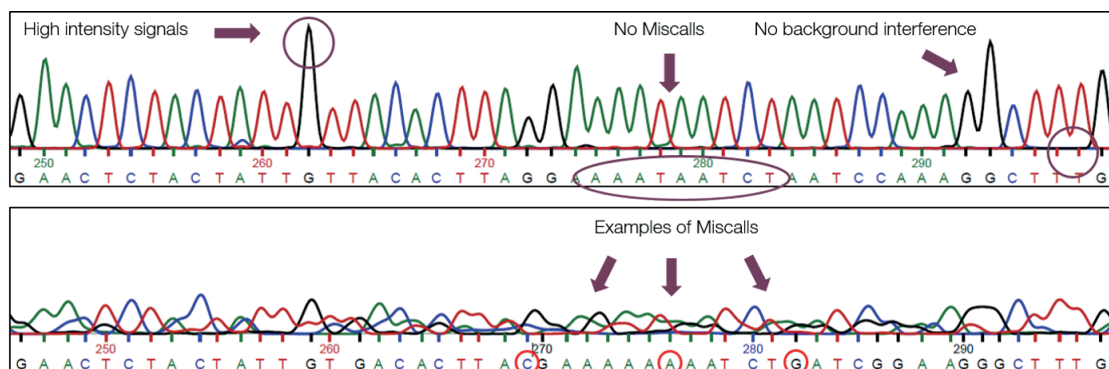
With a simple process, PureIT ExoZAP PCR CleanUp effectively treats amplified PCR products. Incubation at 37 °C for a minimum of 2 minutes degrades primers and single stranded DNA, while also deactivating excess dNTPs. Subsequent heating to 80 °C for 3 minutes fully inactivates the enzymes, leaving samples ready for applications such as DNA sequencing and SNP analysis.

Optimize Sanger sequencing with PureIT ExoZAP

For optimal Sanger sequencing performance, it is crucial to remove excess primers and unincorporated dNTPs, which can interfere with sequencing accuracy. PureIT ExoZAP PCR CleanUp effectively removes these contaminants through a rapid enzymatic clean-up process. This results in improved signal intensity, reduced background noise, and fewer base miscalls, ultimately enhancing sequencing quality.

PureIT ExoZAP PCR CleanUp is an ideal choice for Sanger sequencing and other applications requiring clean PCR products.

PureIT ExoZAP



PureIT ExoZAP PCR CleanUp improves quality of DNA sequencing

Sanger sequencing of an 866 bp PCR product. The electropherograms display the region from approximately 250 to 300 bases, comparing results with (top) and without (bottom) PureIT ExoZAP PCR CleanUp treatment. Treatment with PureIT ExoZAP PCR CleanUp significantly improves the quality of the Sanger sequencing results.

Features:

- One-step PCR product clean up
- Fast 5-minute protocol
- No sample loss
- No need for spin columns or magnetic beads
- Treatment improves downstream applications such as DNA sequencing and SNP analysis
- Ideal for NGS library preparation protocols

Ordering information

Ordering information	Size	Cat #
PureIT ExoZAP PCR CleanUp	100 reactions	A620601
	500 reactions	A620603
	2500 reactions	A620606
	5000 reactions	A620607

For more information or ordering, please contact Ampliqon.

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Product link