



PureIT ExoZAP PCR CleanUp

For Research Use Only. Not for use in diagnostics procedures.

Other product sizes, combinations and customized solutions are available. Please look at www.ampliqon.com or ask for our complete product list for PCR Enzymes. For customized solutions please contact us.

Made in Denmark

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Cat. No.	Reactions	PureIT ExoZAP PCR CleanUp ID: 7200100
A620601	100	1 tube x 0.2 ml
A620603	500	1 tube x 1 ml
A620606	2500	5 tubes x 1 ml
A620607	5000	10 tubes x 1 ml
A620699	Sample - 10	1 tube x 0.02 ml

Features and General Description

PureIT ExoZAP PCR CleanUp consists of a heat labile Exonuclease I (HL-ExoI) and a recombinant Shrimp Alkaline Phosphatase (rSAP). Treatment of PCR products with PureIT ExoZAP PCR CleanUp, removes residual primers and dNTPs.

No sample loss is observed after treatment with PureIT ExoZAP PCR CleanUp.

Composition of PureIT ExoZAP PCR CleanUp

- Balanced mixture of a heat labile Exonuclease I (HL-ExoI) and a recombinant Shrimp Alkaline Phosphatase (rSAP).

Quality Control

PureIT ExoZAP PCR CleanUp is functionally tested by spiking a PCR product with dNTPs and primers followed by sanger sequencing by capillary electrophoresis. HL-ExoI and rSAP are tested individually for double stranded and single stranded endonuclease activity.

Protocol

This protocol serves as a guideline for clean-up of 5 µl PCR product using PureIT ExoZAP PCR CleanUp*.

1. Take out PureIT ExoZAP PCR CleanUp from the -20 °C freezer.
2. Keep PureIT ExoZAP PCR CleanUp on ice at all times.
3. Add 2 µl PureIT ExoZAP PCR CleanUp** to 5 µl of amplified PCR product.
4. Mix well and spin down.
5. Incubate the reaction at 37 °C for 2 - 5 minutes to degrade remaining primers and to inactivate excess nucleotides by dephosphorylation.
6. Incubate at 80 °C for 3 - 10 minutes to completely inactivate PureIT ExoZAP PCR CleanUp.
7. The cleaned-up PCR product can now be used for downstream applications such DNA sequencing, primer extension experiments or SNP analysis.
8. After treatment the PCR products can be stored at -20 °C

*If treating PCR product of higher volume, then increase proportionally the amount of PureIT ExoZAP PCR CleanUp. **PureIT ExoZAP PCR CleanUp works in PCR buffers.

Recommended Storage and Stability

Store at -20 °C. Product expiry at -20 °C is stated on the label.