



XOZap

1-step PCR clean up kit

Protocol

1. Transfer 5 μ l PCR reaction to a clean micro tube.
2. Add 2 μ l XOZap reagent to the micro tube.
3. Incubate at 37°C for 5 minutes.
4. Heat inactivate at 80°C for 10 minutes.

The PCR product is ready for sequencing.

Step 3. and 4. may conveniently be performed in a thermocycler. The volumes may be scaled proportionally.

Properties

The XOZap 1-step PCR clean up kit is designed for removal of primers and nucleotides from PCR products in a PCR reaction mix. The clean up treatment is mediated by Exonuclease I (ExoI) enzyme, which degrades single stranded DNA primers and Shrimp Alkaline Phosphatase (SAP) which dephosphorylates nucleotides.

Both enzymes are finally heat inactivated and no further processing is necessary. The treatment removes unused primers and nucleotides resulting in a DNA preparation ready for sequencing.

The enzymatic treatment is performed in a single reaction tube and yields 100% product recovery even for very short PCR products.

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This document refers to the following product numbers (P/N) supplied by BioNordika:

BN-1010-20, BN-1010-100 and BN-1010-500

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