

GE Healthcare
Life Sciences

illustra™ ExoProStar™ S

Enzymatic PCR and Sequencing Clean-Up

Product Numbers: US79002
 US79010
 US79050
 US79200
 US79500

Warning: For research use only. Not recommended or intended for diagnosis of disease in humans or animals. Do not use internally or externally in humans or animals.

Description

The ExoProStar S PCR and Sequence Reaction Clean-Up Kit is designed for direct clean-up of unincorporated primers and dNTPs from PCR reactions prior to DNA sequencing, formulated and optimized for a 15 minute protocol. illustra ExoProStar S improves digestion efficiency without degradation of the target PCR product which remains completely intact and ready for immediate use in manual or automated processes.

Legal

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Exonuclease I/Alkaline Phosphatase method of use is covered by one or more of the following US patent numbers: 5,756,285 and 5,741,676 in the name of GE Healthcare Bio-Sciences Corp.

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First published June 2013

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Recommended Protocol

1. Remove the Shrimp Alkaline Phosphatase and Exonuclease I from the freezer and keep on ice whilst preparing the reaction.
2. Take a 5µl aliquot of the completed PCR reaction.
3. Add 1µl of Shrimp Alkaline Phosphatase to the reaction mix.
4. Add 1µl of Exonuclease I to the reaction mix.
5. Incubate at 37°C for 5 minutes.
6. Incubate at 80°C for 10 minutes to inactivate the enzymes.
7. The PCR product is now ready for use in sequencing or other down-stream applications as required.

This reaction is scalable for larger quantities of PCR reaction mix. Simply add Shrimp Alkaline Phosphatase and Exonuclease I in proportion to the volume of PCR reaction mix required.



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