

# illustra ExoProStar

## Product Specification Sheet

### Introduction

#### **Product codes**

US78210

US78211

US78212

US78220

US78225

#### **About**

Enzymatic PCR and Sequencing Clean-Up.

#### **Important**

Read these instructions carefully before using the products.

#### **Intended use**

The products are intended for research use only, and shall not be used in any clinical or *in vitro* procedures for diagnostic purposes.

#### **Safety**

For use and handling of the products in a safe way, refer to the Safety Data Sheets.

# Description

The ExoProStar™ 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. illustra™ ExoProStar improves digestion efficiency without degradation of the target PCR product which remains completely intact and ready for immediate use in manual or automated processes.

## Recommended Protocol

<b>Step</b>	<b>Action</b>
1	Remove the Alkaline Phosphatase and Exonuclease I from the freezer and keep on ice whilst preparing the reaction.
2	Take a 5 µL aliquot of the completed PCR reaction.
3	Add 1 µL of Alkaline Phosphatase to the reaction mix.
4	Add 1 µL of Exonuclease I to the reaction mix.
5	Incubate at 37°C for 15 minutes.
6	Incubate at 80°C for 15 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 Alkaline Phosphatase and Exonuclease I in proportion to the volume of PCR reaction mix required.

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