

ExoSAP-IT®

Product Numbers 78200/01/02/05/50

Brief Protocol

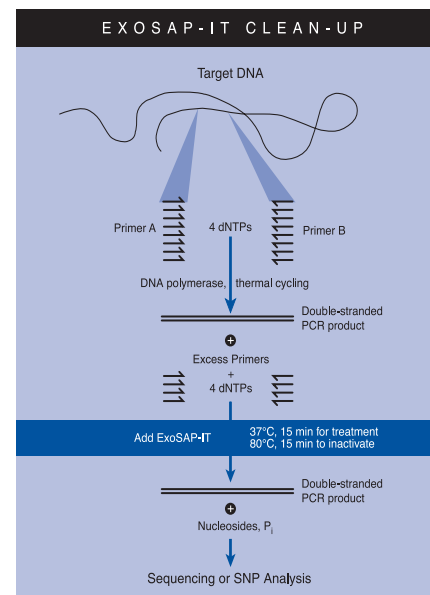
ExoSAP-IT® treats PCR products ranging in size from less than 100 bp to over 20 kb with absolutely no sample loss by removing unused primers and nucleotides.

Add ExoSAP-IT directly to the reaction products following PCR. ExoSAP-IT is active in commonly used PCR buffers, so no buffer exchange is required. After treatment, ExoSAP-IT is inactivated by heating to 80°C for 15 min. The treated PCR products are now ready for subsequent analysis in applications that require DNA to be free of excess primers and nucleotides.

PCR Clean-Up Protocol:

1. Remove ExoSAP-IT from -20°C freezer and keep on ice throughout this procedure.
2. Mix 5 µl of a post-PCR reaction product with 2 µl of ExoSAP-IT for a combined 7 µl reaction volume.
Note: When treating PCR product volumes greater than 5 µl, simply increase the amount of ExoSAP-IT proportionally.
3. Incubate at 37°C for 15 min to degrade remaining primers and nucleotides.
4. Incubate at 80°C for 15 min to inactivate ExoSAP-IT.
5. The PCR product is now ready for use in DNA sequencing, SNP analyses, or other primer-extension applications. Treated PCR products may be stored at -20°C until required.

Note: Store ExoSAP-IT in a non-frost-free freezer.



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ExoSAP-IT is covered by U.S. Patent Nos. 6,379,940 and 6,387,634.

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The Polymerase Chain Reaction (PCR) is covered by patents owned by Roche Molecular Systems and F. Hoffman-La Roche Ltd.

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