

## **USB EXOSAP-IT PCR Product Cleanup**

### ***Description***

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

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

### ***PCR cleanup protocol***

1. Remove ExoSAP-IT reagent from -20°C freezer and keep on ice throughout this procedure.
2. Mix 5uL of a post-PCR reaction product with 2uL of ExoSAP-IT reagent for a combined 7uL reaction volume.
3. Incubate at 37°C for 15 minutes to degrade remaining primers and nucleotides.
4. Incubate at 80°C for 15 minutes to inactivate ExoSAP-IT reagent.
5. The PCR product is now ready for use in DNA sequencing. The treated PCR product can be stored at -20°C until required.