**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.