

Summary of USB[®] HT ExoSAP-IT[®] protocol compared to Agencourt[®] AMPure[®] XP protocol:

9 handling steps with AMPure XP protocol vs 1 step with HT ExoSAP-IT reagent

Steps	HT ExoSAP-IT	Agencourt AMPure XP
Step 1	Add 2 μ l HT ExoSAP-IT reagent per 5 μ l PCR product. Incubate for 15 minutes at 37°C. Heat inactivate for 15 minutes at 80°C.	Shake the Agencourt AMPure bottle to resuspend magnetic particles.
Step 2		Mix 1.8 μ l AMPure XP beads per 1 μ l PCR product by - pipette-mixing 10 times or - vortexing for 30 seconds. Incubate 5 minutes.
Step 3		Place the reaction plate on SPRI plate for 2 minutes to separate the beads.
Step 4		Remove the cleared solution from the reaction plate.
Step 5		Make fresh 70% ethanol solution. - Dispense 200 μ l 70% ethanol. - Incubate for 30 seconds . - Remove the ethanol.
Step 6		Repeat Step 5. No need to air dry.
Step 7		Remove the reaction plate from the SPRI plate. Add elution buffer and - pipette 10 times or - vortex for 30 seconds. Incubate 2 minutes
Step 8		Place the reaction plate back on an SPRI plate for 1 minute to separate the beads.
Step 9		For setting up downstream reactions , pipette the DNA from the plate while it is situated on the SPRI plate to prevent bead carryover. For long term storage , Agencourt recommends transferring the purified samples into a new plate to prevent beads from shattering.
Total number of steps	1	9

For more information on HT ExoSAP-IT High-Throughput PCR Product Cleanup, visit usb.affymetrix.com.