

PCR Clean™ DX

USA Patented Product

Post PCR & NGS Library Cleanup ~ Optimize Performance, Consistency & Cost

PCR Clean™ DX utilizes Aline's proprietary paramagnetic bead technology for the rapid, high-throughput purification of DNA fragments. Engineered for consistency, the system delivers consistent recovery efficiencies for both small and large amplicons that exceed traditional filtration-based PCR cleanup methods.

Applications

- Post PCR cleanup in Sanger Sequencing
- NGS Library Prep Cleanup
- Molecular Engineering
- Microarray Workflow

Advantages

- Designed to directly replace Ampure™ XP
- High recovery rate of DNA fragments
- ISO/cGMP production compliant
- Most cost effective

Comparison Data

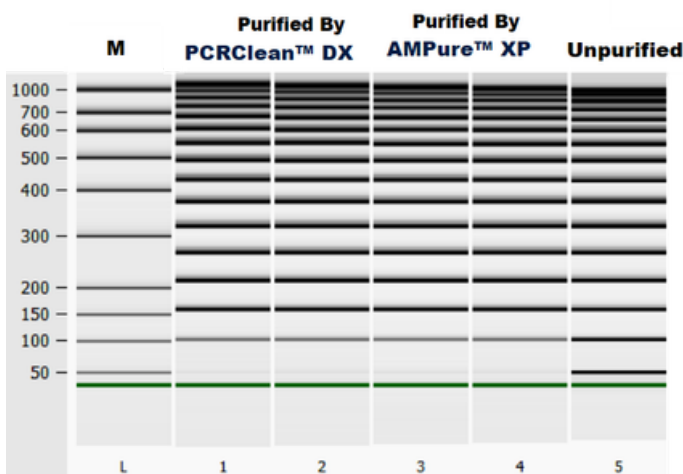


Fig.1. The purification performance of Aline's PCR Clean DX and AMPure XP was analyzed using duplicate DNA samples with the Agilent Bioanalyzer High Sensitivity DNA Analysis Kit. DNA fragments <100 bp were removed using a standard bead-to-sample ratio of 1:1.8.

Comparison Data – Size Selection Trace Overlay

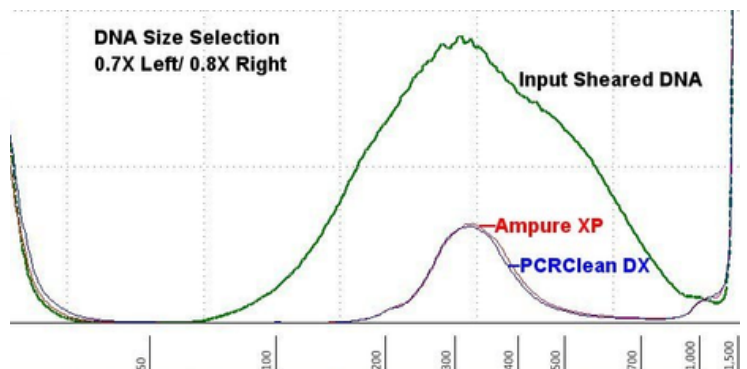
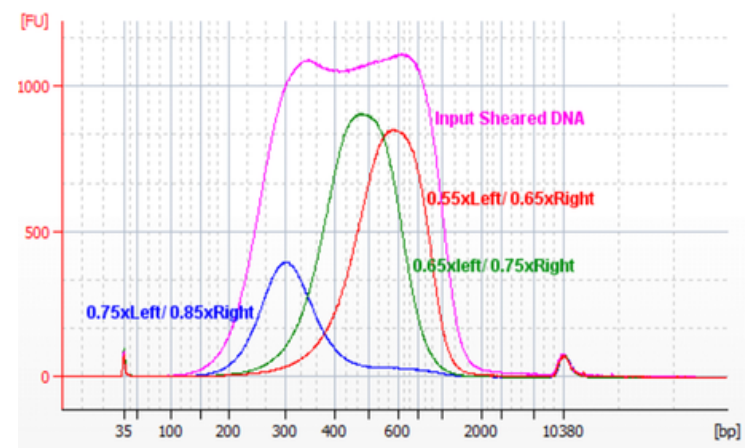


Fig.2 TapeStation trace overlay shows NGS DNA fragments selected by Aline's PCR Clean DX and Ampure XP.

Ordering Information

Catalog Number	Product Size
C-1003-5	PCR Clean DX, 5mL. 300 rxns
C-1003-50	PCR Clean DX, 50mL. 3,000 rxns
C-1003-250	PCR Clean DX, 250mL. 15,000 rxns
C-1003-450	PCR Clean DX, 450mL. 27,000 rxns
C-1003-Bulk	Largest size / Custom Bulk

DNA Size Selection Using PCR Clean™ DX



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