

Reagents for Clean up Beads

Product Name	Cat. No.	Application
VAHTS DNA Clean Beads	N411	DNA purification and library selection
VAHTS RNA Clean Beads	N412	RNA purification
VAHTS CA-28 Streptavidin Beads	N512	Streptavidin magnetic beads
Magnetic Separation Rack	CM101	32 well (200 µl/well)
	CM103	24 well (1.5 ml/well)

VAHTS DNA Clean Beads

VAHTS DNA Clean Beads is a SPRI-based (Solid-Phase Reverse Immobilization) chemistry, compatible with DNA purification and size selection for fragment library preparation for Next Generation Sequencing. VAHTS DNA Clean Beads is suitable for all DNA/RNA library preparation protocols currently provided by manufacturers or published in academic journals. The usage of VAHTS DNA Clean Beads is similar to other suppliers. The yield and size distribution of the libraries prepared with VAHTS DNA Clean Beads are highly consistent with those suppliers.



Features

• Flexible and accurate size selection

The initial size of the library is 200-1,500 bp. The libraries were selected with Vazyme #N411 according to the conditions in the table below to obtain different size fragments. Vazyme #N411 can accurately select the fragment size.

Volume of beads for 1st round (Beads: DNA)	0.80 ×	0.70 ×	0.60 ×	0.55 ×	0.50 ×	0.45 ×	1.0 ×
Volume of beads for 2nd round (Beads: DNA)	0.20 ×	0.20 ×	0.20 ×	0.15 ×	0.15 ×	0.15 ×	
Average total length of the library (bp)	300	350	400	500	600	700	200-1,500

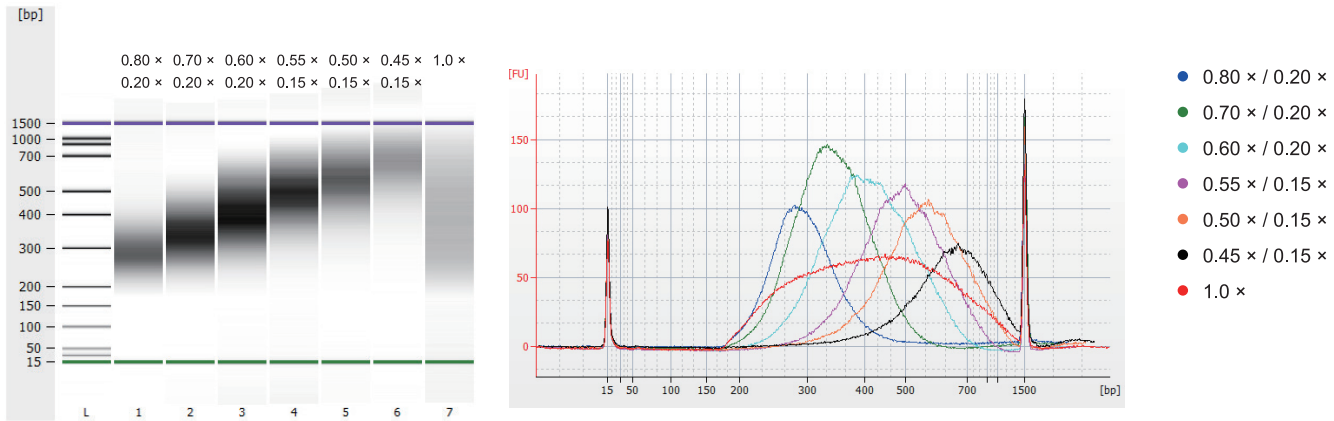


Figure 1 Schematic diagram of analyzing the library size selection with Agilent 2100 Bioanalyzer