CeleMag Clean-up Bead

CeleMag Clean-up Bead utilizes unique magnetic bead-based chemistry for the clean-up of nucleic acids, providing a simple, flexible and highly reproducible protocols for purification and size selection of nucleic acids.

Benefits

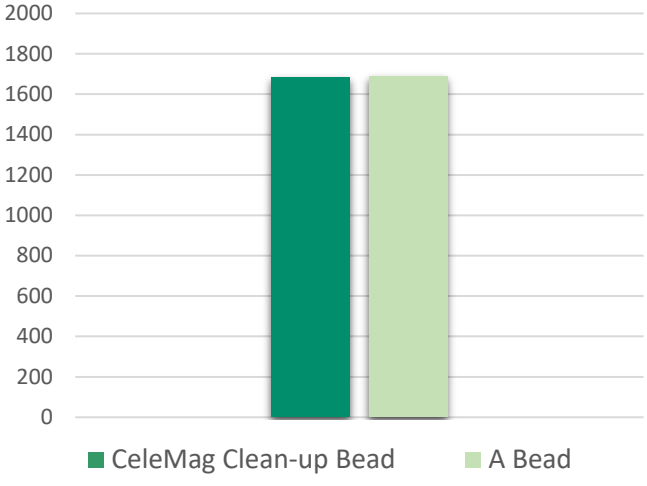
- Highly optimized with Celemics NGS Target Enrichment Kits
- Industry-leading purification yield efficiency
- Perfect alternative to bead-based purification workflows
- Adjustable and consistent size selection
- Automated liquid handler compatible

Applications

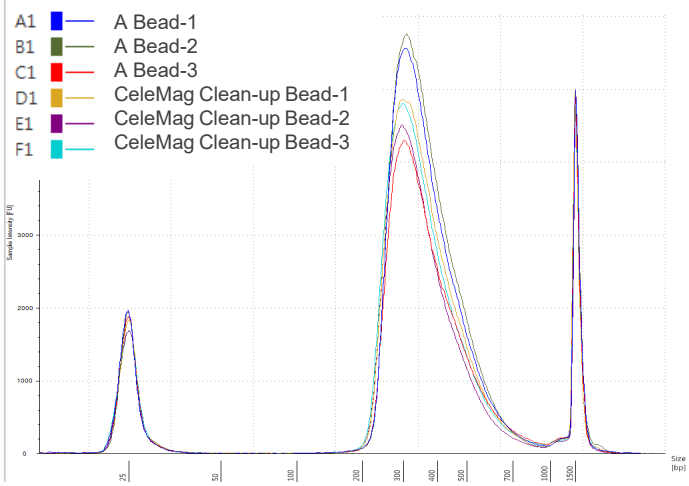
- Next generation sequencing
- Sanger sequencing
- Nucleic acid purification

CeleMag Clean-up Bead provides equivalent NGS Library preparation recovery efficiency in comparison to A Bead.

Library Amount After Pre-PCR (ng)



1st Conc. After Pre-PCR (ng/uL)



- Libraries were prepared with the Celemics Library Prep kit from 100ng of gDNA sheared by Covaris (17.3ng/ul,239bp)
- Measured Recovery Amount with Qubit and size distribution was identified by TapeStation after 1st Pre-PCR.

CeleMag Clean-up Bead provides highly comparable performance to A bead in size selection workflows, achieving consistent DNA size distributions and exactly desired library sizes.

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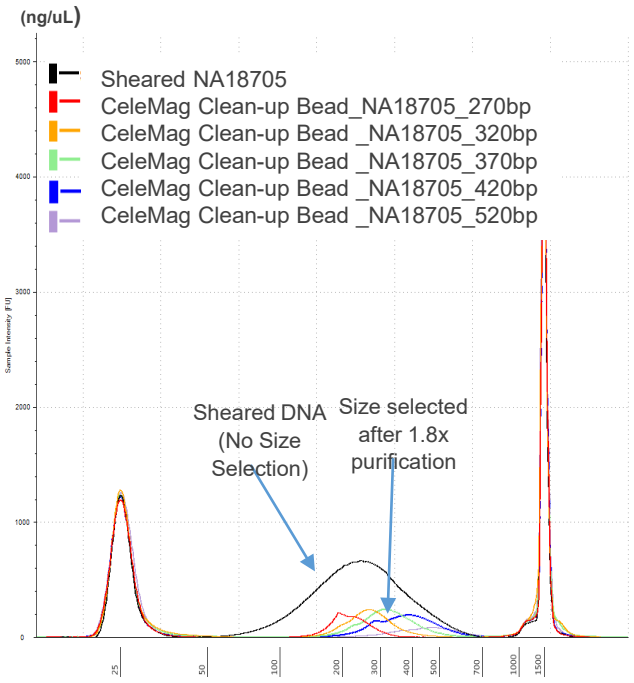
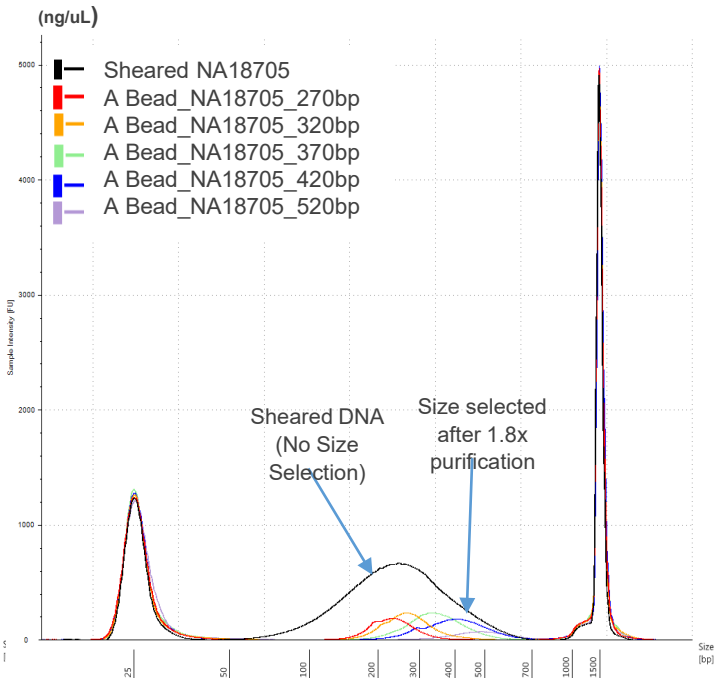


A Bead



[Purification Protocols_1.8X]

A. Mix sample with the Beads.
B. Incubate the solution for 5 minutes.
C. After the solution is clear, remove the supernatant.
D. Ethanol wash and elution.

[Size Selection Protocols]

1st Beads Selection
A. Mix sample with Beads
B. Incubate the solution for 5minutes.

2nd Beads Selection
A. Mix the supernatant from 1st selection with Beads.
B. Incubate the solution for 5 minutes.
C. After the solution is clear, remove the supernatant.
D. Ethanol wash and elution.

Ordering Information

Catalog #	Description	Volume
CMCB05	CeleMag Clean-up Bead, 5ml	5ml
CMCB50	CeleMag Clean-up Bead, 50ml	50ml
CMCB500	CeleMag Clean-up Bead, 500ml	500ml