Generate Accurate Data Faster by Automating Your NGS Workflow

LEGEND

Biomek Automated Workstation

Echo Acoustic Liquid Handler

1 Sample Prep — 2 Sample QC — 3 DNA/RNA Normalization — 4 Library Preparation

8 Sequencing — 7 Normalization and Pooling — 6 Library QC — 5 Library Bead Cleanup

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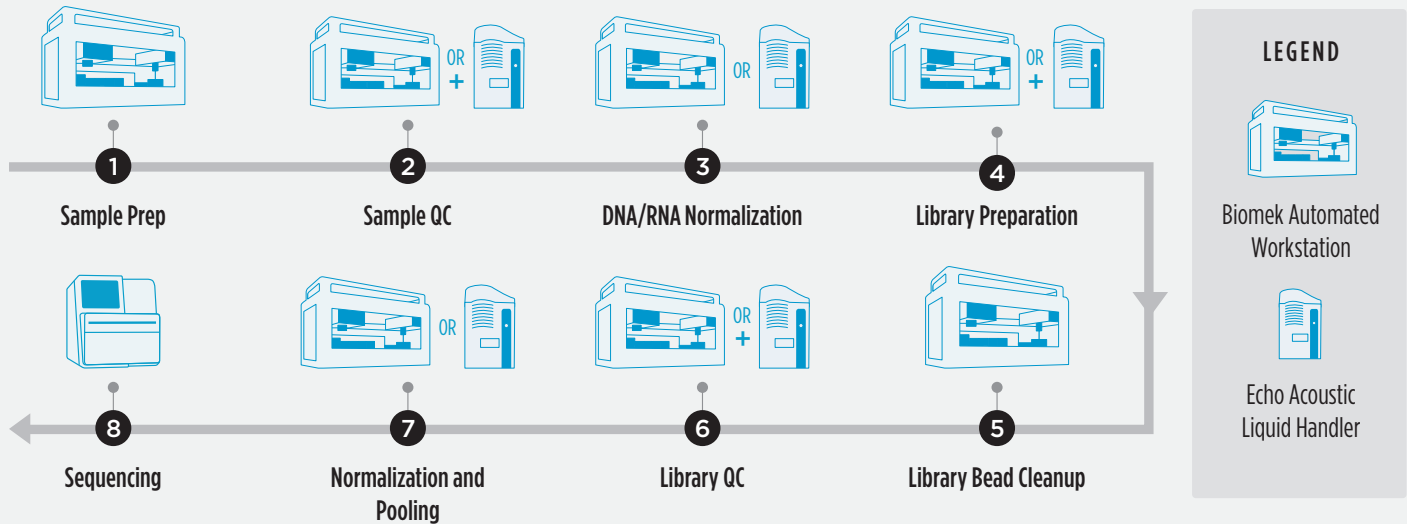
1 Sample Prep

Use a Biomek Workstation and our bead-based reagents to automate DNA and RNA extraction.

2 Sample QC

Use either a Biomek Workstation or a combination of Biomek Workstation and Echo LH, depending on your workflow needs.

3 DNA/RNA Normalization

Use either a Biomek Workstation or an Echo LH depending on your workflow needs.

4 Library Preparation

For standard volumes, use a Biomek Workstation or a combination of an Echo LH and Biomek Workstation (i.e., reduce reaction volumes of precious reagents using the Echo LH while doing larger volume transfers on the Biomek Workstation).

5 Library Bead Cleanup

Use a Biomek Workstation for 96- and 384-well bead cleanups.

6 Library QC

Use either a Biomek Workstation, or an Echo LH and Biomek Workstation depending on your workflow needs.

7 Normalization and Pooling

Use a Biomek Workstation for preparing the dilution plates and pooling of the libraries. Alternatively, use an Echo LH for simultaneous normalization and pooling, for up to 97% faster processing time.

8 Sequencing

Load the pooled libraries onto a flow cell of a sequencer.

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