

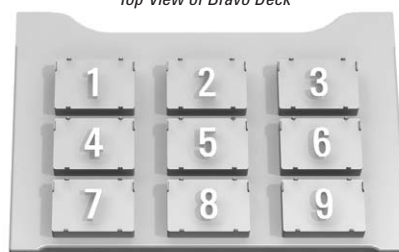


Agilent Automation Applications Highlight

Millipore Montage PCR purification assay on the Bravo Automated Liquid Handling Platform



Top View of Bravo Deck



Bravo Deck Layout

Deck Positions:

- 1: Vacuum Filtration Station
- 2: Tipbox
- 3: Tip Washing Station
- 4: Open
- 5: Resuspension Solution
- 6: Open
- 7: Storage Plate
- 8: Millipore Multiscreen 96 Filter Plate
- 9: Sample Plate (PCR product)

A Benchtop Solution:

PCR is a key step in genomic applications, including sequencing, genotyping, microarray, and several emerging technologies. The quality of results from these technologies often depends on repeatable and robust post-PCR purification methods.

With a comprehensive volume range, line of deck accessories, and the ability to pipette in single well, column/row, or full plate, the versatility of the Bravo Automated Liquid Handler provides an excellent platform for various PCR purification methods. The Bravo Platform has proven to be an ideal solution for full automation of the Millipore Montage PCR 96 purification assay.

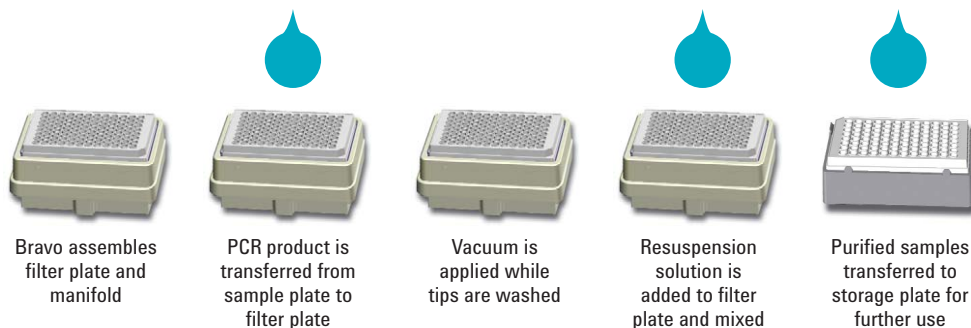
Agilent Automation Benefits:

- **Plate Handling:** Use 24-, 96- and 384-well microplates, PCR sample plates and lids.
- **Flexibility:** Integration of several on-deck accessories including vacuum filtration, tip washing, shaking and more.
- **Capability:** The Bravo automatically assembles and disassembles the vacuum manifold, replaces collection and filter plates, for a fully automated solution.
- **Intelligent:** VWorks Automation Control software schedules protocol tasks and incubation steps and maintains reagent order-of-addition to guarantee healthy cell cultures.



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Millipore Montage PCR 96 purification assay overview:



Example method for the Montage PCR 96 purification assay on the Agilent Bravo Automated Liquid Handling Platform. Steps can be modified as necessary based on application requirements.

Configuration Options

The Agilent Bravo Automated Liquid Handling Platform uses a variety of on-deck accessories to meet the demands of many laboratory applications. The Montage PCR 96 purification assay and similar vacuum filtration based assays require the Bravo Vacuum Filtration Station.

Other accessories available include:

- **Orbital Shaking:** Variable speed microplate shaking for efficient mixing of well contents.
- **Auto-filling Reservoirs:** Auto-replenish reservoirs as needed for additional walk-away convenience.
- **Temperature Control:** Control the temperature of microplate contents at any position on the Bravo deck with a heating/cooling thermal pad.
- **More:** Speak with one of our product specialists or application specialists to determine what configuration will work best for you.

Additional Services

All Bravo Liquid Handlers include installation and product familiarization along with options to purchase additional services to meet your specific needs.

These options include:

- **Consulting:** Work with a team of experts to determine the best solution for your laboratory.
- **Application Development:** Let our application specialists develop and test system protocols for your applications.
- **More:** Speak with one of our product specialists regarding any additional support you require to ensure our solution meets all of your needs.

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