

# Agilent Automation Applications Highlight CGH/CNV Workstation

## Agilent Bravo Automated Liquid Handling Platform



Top View of Bravo Deck

## Bravo Configuration

### Bravo Platform

The Bravo Automated Liquid Handling Platform provides unparalleled versatility and precision in a compact footprint.

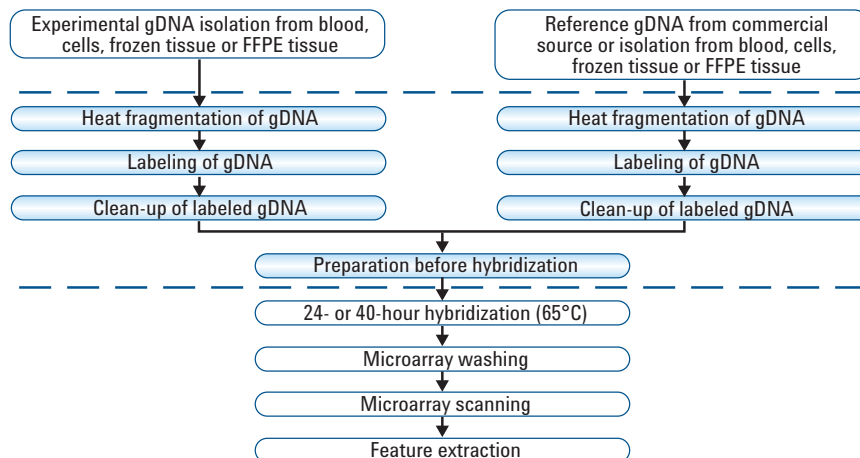
### Bravo Peltier Thermal Station

Heating and cooling on a single position on the Bravo deck (Positions 4 & 6; Enzymatic Only).

### 96-Well Manual Fill Reservoir

Reagent reservoir for on-deck reagent storage (Position 5).

## CGH Workflow (Portion in blue is automated by Bravo)



## Available CGH Reagent Kits

### Genomic DNA Enzymatic Labeling Kit

The enzymatic method utilizes exo-klenow to extend from priming sites and incorporate labeled dUTPs.

### Genomic DNA High-Throughput ULS Labeling Kit

Platinum-based labeling technology that allows for the direct coupling of Cy3 or Cy5 to DNA.

## A Benchtop Solution:

The Agilent Comparative Genomic Hybridization (CGH) and Copy Number Variation (CNV) portfolio combines flexibility and sensitivity by providing catalog and custom microarray designed specifically for researchers studying aberrations and copy number variations in numerous organisms. To take advantage of the true power of the Agilent CGH/CNV system, the Bravo platform provides the throughput necessary to process many samples accurately and with minimal human intervention.

## Agilent Automation Benefits:

- **Performance:** Accurately dispenses from 0.100 to 250  $\mu$ L.
- **Flexibility:** Configure any deck position for shaking, heating, cooling, filtration, and more.
- **Scalability:** Additional Agilent BenchCel Microplate Workstations can increase capacity and throughput as needed.
- **Easy to Use:** Agilent VWorks Automation Control software schedules protocol tasks, incubation steps and reagent order-of-addition for maximum throughput and walk-away time.



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## Configuration Options

The Agilent CGH/CNV Workstations come preconfigured from the factory with the proper deck setup and protocols so you will be ready to run.

- Pre-configured Bravo; Enzymatic      G5409A Option 002
- Pre-configured Bravo; ULS              G5409A Option 003
- **Labeling:** Customers can run either the ULS or Enzymatic protocol depending on how the Agilent Bravo is configured.
- **Flexibility:** With other purchased accessories, the Bravo deck can be re-arranged to automate most any workflow in the laboratory.
- **More:** Speak with one of our product specialists or application specialists to determine what configuration will work best for you and your workflow.

## Additional Services

All Bravo Automated Liquid Handling Platforms 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.

[www.agilent.com/lifesciences/automation](http://www.agilent.com/lifesciences/automation)

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