

AssayMAP Bravo Basics

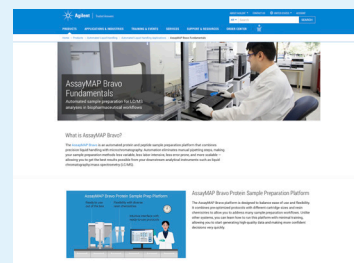
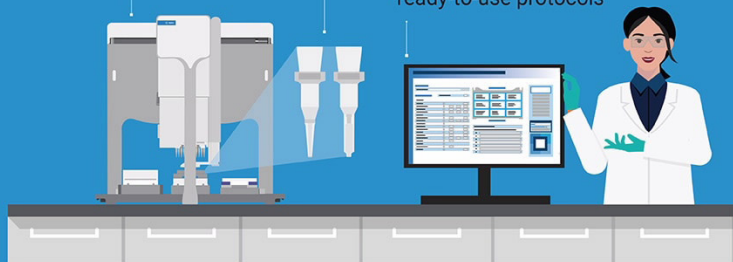


AssayMAP Bravo Protein Sample Prep Platform

Ready to use out of the box

Flexibility with diverse resin chemistries

Intuitive interface with ready-to-use protocols



To Learn More, please visit our [AssayMAP Bravo Fundamentals page](#) which includes an FAQ section or speak with an Agilent Representative [Contact us](#)



What is the AssayMAP Bravo?

The Agilent AssayMAP Bravo is an automated protein and peptide sample preparation platform that combines precision liquid handling with microchromatography.

The AssayMAP Bravo platform is based on three key elements:

- Packed resin bed cartridges with a wide range of standard chemistries
- Positive-displacement to ensure consistent flow rates and highly reproducible results
- Intuitive software designed to balance simplicity and flexibility.



Why AssayMAP Bravo?

If you perform protein sample preparation and want to increase reproducibility, decrease manual labor, and/or increase throughput, the AssayMAP Bravo is a perfect addition to your lab and is **widely** used in:

- **Biopharma.** Throughout the drug discovery and development pipelines
- **Proteomics labs.** Research areas include phosphoproteomics, immunopeptidomics, and protein-protein interactions and in addition to classical proteomics studies.



Advantages to switching from Manual to Automated Protein Purification?

- Excellent reproducibility that does not vary from person to person, day to day, or site-to-site
- **Minimize the** probability of human error, avoiding expensive and time-consuming experimental repeats
- Scaled throughput without proportional labor cost increases
- Easy to use so highly skilled scientists can be freed from doing tedious pipetting to focus on more valuable work



How flexible is the AssayMAP Bravo?

- Use cartridge-based applications or pipette-based liquid handling.
- Choose between 5 and 25 μ L bed volume cartridges depending on your required capacity.
- Choose from a **wide range of resin types.**
- Use the mobile phases (wash buffer and elution buffers) of your choice.
- Choose from a wide variety of plate types.
- Choose the number of samples that you want to run—from 1 to 96 in parallel.
- Modify key parameters without modifying the software using an intuitive user interface.

Learn more:

<https://www.agilent.com/chem/proteinsampleprep>

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U.S. and Canada

1-800-227-9770

agilent_inquiries@agilent.com

Europe

info_agilent@agilent.com

Asia Pacific

inquiry_lsca@agilent.com

DE37021472

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