

NEWS on diagnostics

2020 Special Edition

Milli-Q® Lab Water Solutions



In this issue....

- A water purification solution designed with you in mind
- Improve productivity with unparalleled convenience & versatility
- Water quality matched to your every application

Selecting the correct reagents is key to ensure the repeatability and reproducibility of your assays.

In this volume of News on Diagnostics, we will help you select the optimal water purification system for your laboratory, so you can focus on your important work.

A water purification solution designed with you in mind

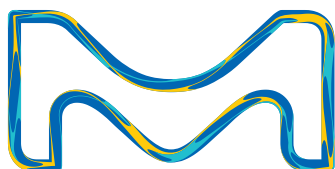
Laboratory water

Purified water is an essential reagent in any laboratory, and it is especially important when developing and testing diagnostic kits. Having the correct quality of laboratory water allows test performance to be reliable and consistent. We offer a complete range of water purification systems, producing from a few liters of pure and ultrapure water, to up to several thousand liters per day.

Covering all your lab's needs

When preparing buffers, reagents and solutions for immunoassays, SDS-PAGE or other techniques in the laboratory, selecting pure (Type 2) water will help you ensure experimental accuracy and reproducibility. Highest-quality ultrapure (Type 1) water is recommended for sensitive analytical techniques, such as HPLC and for molecular biology (PCR-based methods, gel electrophoresis, etc.) and cell culture.

The Milli-Q® IQ 7003/05/10/15 water purification system provides superior quality ultrapure and pure water directly from tap water. With this fully integrated system, you can be confident in the knowledge that you have access to the optimal water quality for your experiments.





Milli-Q® IQ 7003/05/10/15 fully integrated pure and ultrapure water system.

Improve productivity with unparalleled convenience & versatility

With Elix® electrodeionization technology, intuitive touchscreen control, Q-POD® and E-POD® dispensers, and mercury-free UV lamps, the Milli-Q® IQ 7003/05/10/15 system will exceed your most demanding expectations – from improved productivity to reduced environmental impact.

- **Convenient access to ultrapure and pure water:** One system connects to up to 4 POD dispensers, giving rapid access to water throughout the lab.
- **Simple and intuitive dispensing:** Thanks to intuitive touchscreens, obtain water at the flow rate you need; or program your desired volume and walk away.
- **Free up space on your bench:** Only the POD dispenser is needed for daily work, allowing the system to be conveniently stored under the bench or on the wall.
- **Effortless maintenance:** The system notifies you when it requires attention, and onscreen graphic instructions provide step-by-step guidance.
- **Easy data management and traceability:** View water quality and system data onscreen, download individual reports, or access a complete history in the system’s memory.
- **Sustainable design:** Mercury-free UV lamps, water and energy savings, reduced plastic waste, and paperless data management.

For more information, visit SigmaAldrich.com/milli-q-iq7003-05-10-15

Water quality matched to your every application

Specifically-designed Application-Pak polishers provide the perfect solution to meet the needs of your lab by removing specific contaminants right at the POD dispenser.

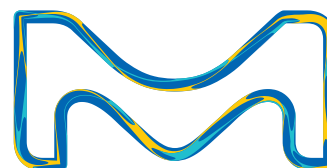
Application-Pak polishers:

- The Biopak® Polisher is an ultrafilter optimized to efficiently reject bacteria, and their macromolecular by-products such as endotoxins, nucleases and proteases. It is the polisher of choice for cell and molecular biology, and for protein analyses.
- Millipak® and sterile Millipak® Gold Polishers are 0.22 µm filters that deliver bacteria-free and particulate-free water. The Millipak® polisher is recommended for most laboratory tasks, since bacteria and particles can negatively impact many techniques.

Order POD-Paks rapidly and conveniently at: SigmaAldrich.com/milliqpodpaks



Description	Cat. No.
Water purification systems	
Milli-Q® IQ 7003/05/10/15	ZIQ7005T0
Application Paks	
Millipak®	MPGP002A1
Sterile Millipak® Gold	MPGPG02A1
Biopak®	CDUFBI0A1



Discover The Secret to ELISA-based Diagnostic Test Success: Know Your Water with our webinar at SigmaAldrich.com/WaterforELISA