QC Data Management Solutions

Introduce Your Laboratory to a Whole New World of Unity™ Data Management Solutions
Commitment to Quality Control

Using our comprehensive product line of third party controls is an important step toward helping you improve the reliability of your laboratory results. The ability to successfully manage and interpret your quality control results is also essential to producing solid, dependable laboratory outcomes.

Bio-Rad Laboratories offers a vision and a commitment to quality control that is unsurpassed in the clinical laboratory industry. Today, your laboratory can be connected to the Unity™ Interlaboratory Program, the world’s largest community of quality control users. Improve patient care and cost effectiveness with quality control products, quality control data management solutions, industry-leading interlaboratory comparisons and personalized service from Bio-Rad.

“The laboratory shall participate in an interlaboratory comparison programme(s) . . .”
– ISO 15189:2012(E), Subclause 5.6.3.1
Unity™ Interlaboratory Program

Participation in an interlaboratory program is extremely important for laboratories to help ensure the reliability and precision of test systems. No program in the world is more powerful and effective at providing information and helping to improve laboratory analytical performance than the Unity™ Interlaboratory Program.

- Benefit from peer QC data generated from more than 45,000 instruments in 92 countries
- Recognize analytical process improvement opportunities
- Increase confidence in proficiency survey outcomes
- Identify unrecognized trends or shifts that may occur between proficiency surveys
- Receive on-demand interlaboratory comparison reports
- Receive monthly reports with regular data submissions
- Submit data in real time using one of our Unity™ software solutions
- Detect and identify potentially important analytical errors
- Meet accreditation and regulatory requirements

Receive On-Demand InstantQC™ Reports

Get started at QCNet.com today!

InstantQC™ Reports allow you to compare your control results to other laboratories at any time. These on-demand reports are particularly useful for troubleshooting problems with test system performance.

The Advantages of Participating in the Unity™ Interlaboratory Program

Detecting Errors in Your Test System

Without a high quality interlaboratory program, your laboratory may not be aware of gradual or sudden changes in your test system that may be caused by events such as reagent or calibrator reformulations, standardization changes, or instrument software changes. An interlaboratory program can offer early awareness of shifts and trends to help avoid costly test repeats and unnecessary troubleshooting.

Improving Outcomes on Proficiency Surveys

An interlaboratory program can also increase your confidence in proficiency surveys. If your laboratory compares well to other laboratories in an interlaboratory program, you are also likely to compare well to other laboratories participating in your proficiency testing program.

Your Proficiency Program is Not Enough

Proficiency surveys provide a snapshot in time and should not be used as a substitute for daily quality control with an interlaboratory program.

- Acceptable performance on the day of the proficiency testing does not guarantee testing reliability every day.
- Participation in an interlaboratory program is the recommended way to improve confidence in test system performance every day, especially with an interlaboratory program that offers an option to receive instant interlaboratory feedback on-demand.

Statistically Relevant Peer Data

Monthly Unity™ Interlaboratory Reports ensure that peer group sizes are maximized for regular, periodic review of your test systems. These reports are comprehensive and represent the largest peer groups in the industry.

“For laboratory self-evaluation, peer-related bias and relative imprecision are useful parameters. Participation in an interlaboratory program provides an effective mechanism to complement external quality assessment (proficiency surveys) programs. Consequently, a laboratory should actively participate in interlaboratory QC programs when such programs are available.”

Choose From Four Unity™ Solutions

Bio-Rad Laboratories offers several options for participation in the Unity™ Interlaboratory Program. Refer to the product comparison grid below to help determine which solution is the most appropriate for your laboratory.

Internet-based solutions such as UnityWeb® and Unity Real Time® online eliminate the need to install and update software locally in your laboratory, and reduce the amount of support necessary from on-site IT staff. Desktop software solutions, like Unity Real Time®, are appropriate if your internet connection is not sufficient, or if you prefer maintaining local software.

### Choose From Four Unity™ Solutions

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Want to know more? Discover the power of Unity™ Solutions at [www.bio-rad.com/qc-datamanagement](http://www.bio-rad.com/qc-datamanagement)

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*The laboratory shall design quality control procedures that verify the attainment of the intended quality of results.*

– ISO 15189:2012(E), Subclause 5.6.2.1
**Unity Real Time®**
Expert QC Data Management Solution for Desktop or Online Users

- Facilitate regulatory compliance under CLIA and ISO 15189
- Improve real-time bench and supervisor QC data review
- Implement best QC rules when used with Westgard Advisor™
- Run validation with comprehensive audit trails
- Advanced charts and reports for data analysis
- Reduce non-essential retests with Analytical Goal options
- RILiBÄK Advisor™ module to comply with German regulations
- Upload QC data points from an LIS, middleware or instrument (optional)

**UnityWeb® & Unity Real Time® LT**
Enter-level QC Data Management Solutions

- Basic QC rules, charts and reports
- Easily upgradable to Unity Real Time® for more advanced tools and features
- Upload QC data points from an LIS, middleware or instrument (optional)
- No software to install with UnityWeb®

**Westgard Advisor™**
Automatic QC Rules Selection Engine

- Recommend and automatically apply best QC rules with patented technology
- Easy step-by-step automatic rule selection capabilities
- Reduce false rejections and desensitization to false error flags
- Save time and money by reducing unnecessary repeats and troubleshooting
- Improve laboratory test quality with optimally selected QC rules
- Available as an optional module with Unity™ QC data management solutions

**Automated Uploads to Unity™ Software**

**UnityConnect™**
A connectivity solution that allows QC data from LIS systems, middleware and/or instruments to be quickly and easily imported into Unity™ software and web services

- Eliminate manual keying of QC data
- Standard LIS QC reports can be used
- Automatic data import and real-time connection
- Transparent to the flow of data to the LIS
- Capture and analyze QC data economically from laboratory instruments not connected to the LIS
- Easy-to-install optional interface hardware
- Choose from soft, serial and ethernet connections

**WebConnect™**
A web-based connectivity solution that allows laboratories to easily upload QC data from LIS systems, middleware and/or instruments directly into Unity Real Time® online or UnityWeb®

- Eliminate manual keying of data
- Standard LIS QC reports can be used
- No software or hardware to install
QCNet™ is the Leading QC Portal on the Internet

Learn more about the many QC tools and resources from Bio-Rad at www.QCNet.com

EQAS®
- View Reports
- Access EQAS® Online
- Training/Tutorials
- View Product Information

Local QCNet™
Visit your local QCNet™ portal, which will provide specific information related to your country*. 

Unity Reports
It’s very simple! Get your Unity Reports in just a few quick clicks.

Find More Online QC Tools on QCNet™
- Linearity Web™
- eInserts™ XML
- Product Inserts (My eInserts™)
- Barcode Label Generator
- Urinalysis Tools
- QCNet® University
- SDS (Safety Data Sheets)
- Code Lists for Unity™

*Not all countries are available.