

Infectious Disease Controls for Serology Testing

A comprehensive guide for monitoring testing for Hepatitis, Retrovirus, Respiratory, Sexually Transmitted and Congenital Diseases



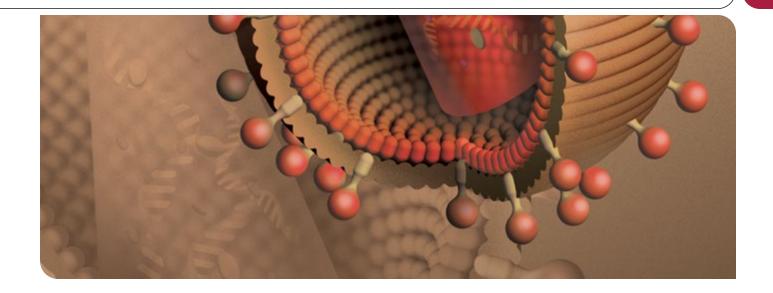


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The Impact of Inaccurate Results to Patients and Your Laboratory

Each year, approximately 16 to 22 million people in the United States are tested for HIV. The Centers for Disease Control and Prevention (CDC) reports an estimated 39,000 new HIV infections annually. Around the world, the impact of all infectious diseases is even greater. The role of the laboratory in providing accurate test results is a key component in controlling the spread of infection.

"Results of control materials must meet the laboratory's and, as applicable, the manufacturer's test system criteria for acceptability before reporting patient test results."

CLIA 493.1256 Standard: Control procedures (f)

The implications of reporting a false positive result are obvious, but the consequences of reporting a false negative can be just as devastating in terms of necessary treatment and personal life style changes for the patient. Using Bio-Rad infectious disease controls as an independent assessment of your testing systems helps to provide additional confidence in your test results.

Source: Centers for Disease Control and Prevention



Why Choose Infectious Disease Quality Controls from Bio-Rad?

We Speak From More Than 30 Years of Experience in Clinical Diagnostics

Bio-Rad Laboratories offers the most comprehensive line of infectious disease quality controls. Choose from over 25 infectious disease control products that cover a wide-range of testing, including hepatitis and retrovirus, sexually transmitted diseases, congenital diseases, panels and other specialty testing. Our infectious disease controls are used on a wide-range of test systems and methods, which include automated immunoassay systems, EIA processors and manual EIA methods.

Where Can Our Controls Be Used?

- Blood Banks
- Public Health Laboratories
- Virology Laboratories
- Reference Laboratories
- Microbiology Departments
- Serology Departments
- Immunology Departments
- Special Chemistry

How Do Bio-Rad Infectious Disease Quality Control Products and Services Stand Out From the Competition?

- Unbiased independent assessment of test systems
- Worldwide peer group comparisons available
- Liquid stable, ready-to-use, multi-analyte
- Basic to advanced QC data management solutions
- Assayed virology products available outside the US only

Assuring Quality in the Laboratory

Regulations often provide plenty of general information on quality control, but may not always offer specific information regarding quality control especially for infectious disease testing.

Without this specific direction, laboratories may unknowingly perform the minimum amount of quality control, or use only the manufacturer provided (in-kit) controls.

A responsible laboratory understands the critical nature of infectious disease testing. Establishing an internal QC system that incorporates independent controls and comprehensive data management will help you assure the quality and reliability of your infectious disease testing.

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

ISO 15189:2012 5.6.2.1

Effective Document Control With Unity QC Data Management Systems

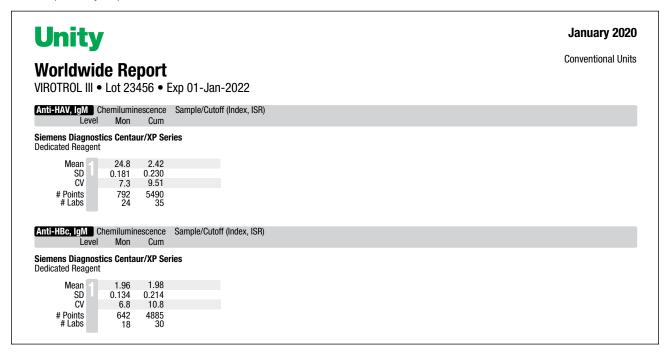
Laboratory inspectors often need to see documentation of QC data as evidence of proper quality control procedures. Yet documentation and monitoring of quality controls can become a huge burden on a busy laboratory. Bio-Rad provides QC data management solutions that allow you to optimize your laboratory performance. Choose from basic to advanced statistical rules available as a web-based or desktop software solution.

Unity Interlaboratory Program

Participation in an interlaboratory program is extremely important for laboratories testing for hepatitis, retrovirus, STDs and other infectious diseases. Join the Unity Interlaboratory Program – the world's largest community of quality control users.

Compare to peer group data to increase confidence in your patient test results.

▼ Example Unity Report



Important Differences Between Independent and In-kit Controls



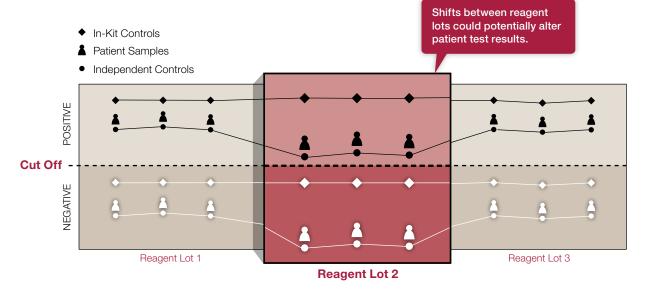
In-kit Controls

- May be same material as calibrators
- Specific to each kit/reagent lot
- May not identify shifts between reagent lots
- Can be used to calculate assay cut-off
- Levels typically well above or below assay cut-off
- Frequent lot changes don't allow for long-term monitoring
- May not be similar to patient sample(s)



Independent Controls

- Different from kit calibrators
- Independent of kit/reagent lot
- Identify shifts between reagent lots
- Designed to monitor the precision of the test system
- Levels are typically targeted to be reactive within a relevant range
- Same control lot can be used across multiple reagent lots allowing long-term monitoring of assay performance
- Control may be treated the same as a patient sample



Controls should always be run with new reagent lots. However, it's important to be aware that in-kit controls are typically used as part of the process to determine assay cut-off, and are specific to each new lot of reagents. Independent controls are independent of reagent lots, and therefore, may detect shifts or changes that may not be identified by the in-kit controls.

In the illustration above, the in-kit controls matched to Reagent Lot 2, did not identify a change in sensitivity that resulted in a shift in patient sample results and the independent controls.

Without independent controls, a situation like this could potentially result in reporting incorrect results.

List of Popular Instruments, Assays, Methods and Bio-Rad Controls

Please contact your Bio-Rad representative for additional details.

	▼ P	ositiv	e Coi	ntrols																▼ N	egati	ve Co	ntrol	s
Manufacturer/Instrument/Assay/Method	VIROTROLI	VIROTROL II	VIROTROL III	VIROTROL IV	VIROTROL HIV-1 Ag	VIROTROL HIV-1 gO	VIROTROL HIV-2	VIROTROL HAV-IgM	VIROTROL HBeAg	VIROTROL HBc-IgM	VIROTROL PLUS-R	VIROTROL Torch	VIROTROL ToRCH-M	Liquichek ToRCH Plus (Positive)	VIROTROL Chagas	VIROTROL MuMZ	VIROTROL EBV	PyloriTrol	VIROTROL Lyme	VIROCLEAR	VIROCLEAR TORCH	Liquichek ToRCH Plus (Negative)	VIROCLEAR MuMZ	VIROCLEAR EBV
Abbott Diagnostics															1									1
Alinity	•	•	•	•	•		•		•	•		•	•	•			•			•	•			•
Architect Series	•	•	•	•	•		•	•	•	•		•	•	•	•					•	•	•		
ARCHITECT i System																								
PRISM	•				•		•								•					•				
Beckman Coulter																								
Access Series/LXi/UniCel Dxl	•	•	•					•				•	•	•						•	•	•		
BioMérieux						,																		
VIDAS	•	•	•	•	•		•	•	•	•		•	•	•		•		•		•	•	•	•	
Bio-Rad Laboratories																								
BioPlex 2200	•				•		•					•	•			•	•			•	•		•	•
Evolis/EIA (GS, Genscreen, Monolisa, Platella)	•	•	•	•	•		•	•	•	•		•		•		•	•	•	•	•	•	•	•	•
Geenius HIV 1/2	•						•													•				
Platelia SARS Screen																								
Cellex																								
Cellex Rapid Test																								
DiaSorin																								
LIAISON/ LIAISONXL	•	•	•	•	•		•	•	•	•		•	•	•		•	•		•	•	•		•	•
ETI-MAX Systems	•	•	•	•				•	•	•		•		•		•	•	•		•	•		•	•
Diesse																								
Chorus Line												•		•							•	•		
Ortho Clincal Diagnostics																								
VITROS	•	•	•	•		•	•	•	•	•		•	•	•						•	•	•		
VITROS ECi/ECiQ/3600/5600/XT/7600																								
Roche Diagnostics																								
cobas 4000/6000/8000 Series		•	•	•	•		•	•	•	•	•	•	•	•						•	•	•		
Cobas e411/e601/e602/e801																								
Elecsys Systems		•						•	•	•	•	•	•	•						•	•	•		
Siemens																								
ADVIA Centaur Series	•	•	•				•	•		•		•	•	•						•	•			
Atellica	•	•	•		•		•		•				•	•						•	•			
IMMULITE Series	•	•	•					•				•	•	•						•	•	•		

The controls listed here include analyte(s) that may be appropriate for use on the test systems noted.

Content is provided as a guide and for informational purposes only. Results and specific performance characteristics may vary with different manufacturers' test kits and assay procedures, different lots of the same test kit, and different lots of the control material. Please note that not all products may be available in all countries. Refer to the product insert for current product claims.

Hepatitis & Retrovirus

VIROTROL I



- An unassayed quality control
- Human serum based
- 3 year shelf life at 2–8°C
- 60 day open-vial stability at 2–8°C
- Available in multiple configurations and fill sizes

Analytes

Anti-CMV Anti-HBc Anti-HCV Anti-HIV-1 Anti-HTLV-I HBsAg

Assayed VIROTROL I-C / Assayed VIROTROL I-E / Assayed VIROTROL I-F



- Assayed quality controls
- Human serum based
- Values provided for popular automated methods
- 3 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Available outside the United States only.

Analytes

Anti-CMV* Anti-HBc Anti-HCV Anti-HIV-1 Anti-HTLV-I* HBsAg

*Values not provided.

VIROTROL II



- An unassayed quality control
- Human serum based
- 3 year shelf life at 2–8°C
- 60 day open-vial stability at 2-8°C
- Available in multiple configurations and fill sizes

Analytes

Anti-HAV Anti-HBs

Assayed VIROTROL II-B



- Assayed quality control
- Human serum based
- 3 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Available outside the United States only.

Analytes

Anti-HAV Anti-HBs

VIROTROL III



- An unassayed quality control
- Human serum based
- 3 year shelf life at 2–8°C
- 60 day open-vial stability at 2-8°C

Analytes

Anti-HAV HAV-IgM HBc-IgM

Hepatitis & Retrovirus

VIROTROL IV



- An unassayed quality control
- Human serum based
- 3 year shelf life at 2–8°C
- 60 day open-vial stability at 2–8°C

Analyte

Anti-HBe

VIROTROL HIV-1 Ag



- An unassayed quality control
- Human serum based
- 2 year shelf life at 2–8°C
- 60 day open-vial stability at 2-8°C

Analyte

HIV-1 Ag

VIROTROL PLUS-R



- An unassayed quality control
- Human serum based
- 2 year shelf life at 2–8°C
- 60 day open-vial stability at 2-8°C

Analytes

Anti-CMV

Anti-HBc Anti-HCV

Anti-HIV 1/2

Anti HTLV I/II

Anti-Treponema pallidum (Syphilis)

HBsAg

VIROTROL HIV-2



- An unassayed quality control
- Human serum based
- 2 year shelf life at 2–8°C
- 60 day open-vial stability at 2-8°C

VIROTROL HIV-1 gO



- An unassayed control used to detect antibodies to HIV-1 group O
- Human serum based
- 2 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Analyte

Anti-HIV-2

Analyte

Anti-HIV-1 group O

Hepatitis & Retrovirus

VIROCLEAR



- An unassayed, non-reactive quality control
- Human serum based
- 3 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C
- Available in multiple configurations and fill sizes

Analytes

Non-reactive for:

Anti-CMV Anti-HCV Anti-HAV Anti-HIV-1 Anti-HBc Anti-HIV-2 Anti-HBe Anti-HTLV-I Anti-HBs Anti-HTLV-II

HAV-IgM HBc-IgM HBeAg HBsAg HIV-1 Ag Non-treponemal Antibodies (Syphilitic Reagin) Treponema pallidum (Syphilis) IgG Treponema pallidum (Syphilis) IgM

VIROTROL HAV-IgM



- An unassayed quality control
- Human serum based
- 3 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Analyte

HAV-IgM

VIROTROL HBc-IgM



- An unassayed quality control
- Human serum based
- 3 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Analyte

HBc-IgM

VIROTROL HBeAg



- An unassayed quality control
- Human serum based
- 3 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Analyte

HBeAg

Congenital/Pediatric Disease

VIROTROL ToRCH



- An unassayed quality control
- Human serum based
- 2 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Analytes

Toxoplasma gondii IgG Cytomegalovirus (CMV) IgG Herpes Simplex Virus Type 1 (HSV-1) IgG Herpes Simplex Virus Type 2 (HSV-2) IgG Rubella Virus IgG

VIROTROL ToRCH-M



- An unassayed quality control
- Human serum based
- 2 year shelf life at 2–8°C (Cat #00117A) or 18 month shelf life at 2-8°C (Cat #00117B)
- 60 day open-vial stability at 2-8°C

Analytes

Toxoplasma gondii IgG Toxoplasma gondii IgM Cytomegalovirus (CMV) IgG Cytomegalovirus (CMV) IgM Herpes Simplex Virus Type 1 (HSV-1) IgG

Herpes Simplex Virus Type 2 (HSV-2) IgG Rubella Virus IgG Rubella Virus IgM

VIROCLEAR TORCH



- An unassayed, non-reactive quality control
- Human serum based
- 2 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Analytes

Non-reactive for:

Toxoplasma gondii IgG Toxoplasma gondii IgM Cytomegalovirus (CMV) IgG Cytomegalovirus (CMV) IgM Herpes Simplex Virus Type 1 (HSV-1) IgG Herpes Simplex Virus Type 1 (HSV-1) IgM

Herpes Simplex Virus Type 2 (HSV-2) IgG Herpes Simplex Virus Type 2 (HSV-2) IgM Rubella Virus IgG Rubella Virus IgM

Liquichek ToRCH Plus Control



- An unassayed, bilevel control used to monitor the precision of the most widely used serology test methods
- Liquid, human serum based
- 3 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C
- Positive and negative levels packaged separately

Analytes

Helicobacter pylori IgG Toxoplasma gondii IgG Treponema pallidum (Syphilis) IgG Cytomegalovirus (CMV) IgG Epstein-Barr Virus (EBV) IgG Herpes Simplex Virus Type 1 (HSV-1) IgG Herpes Simplex Virus Type 2 (HSV-2) IgG Rubella Virus IgG Syphilis RPR Varicella Zoster Virus (VZV) IgG

Congenital/Pediatric Disease

VIROTROL MuMZ and VIROCLEAR MuMZ



- Unassayed quality controls
- Use VIROTROL MuMZ as a reactive control and VIROCLEAR MuMZ as a non-reactive control for the analytes listed at right
- Human serum based
- 2 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Analytes

Mumps Virus IgG Rubeola Virus (Measles) IgG Varicella Zoster Virus (VZV) IgG

Respiratory

VIROTROL SARS-CoV-2



- An unassayed reactive control
- Human plasma based
- 2 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Analytes

SARS-CoV-2 Total IgG/IgM SARS CoV-2 lgG

VIROCLEAR SARS-CoV-2



- An unassayed negative control
- Human plasma based
- 2 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Analytes

SARS-CoV-2 Total IgG/IgM SARS CoV-2 lgG

PneumoTrol



- An unassayed quality control
- Human serum based
- 2 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Analytes

Chlamydia trachomatis IgG Mycoplasma pneumoniae IgG Mycoplasma pneumoniae IgM

Sexually Transmitted Disease

VIROTROL Syphilis LR-A



- A low reactive (LR), unassayed quality control
- Human serum based
- 3 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Analyte

Anti-Treponema pallidum (Syphilis)

VIROTROL RPR Panel



- An unassayed quality control
- VIROTROL RPR Panel consists of one non-reactive member, one minimally reactive member, and one moderately to highly reactive titerable member
- Human serum based
- 2 year shelf life at 2–8°C
- 60 day open-vial stability at 2-8°C

Analyte

Non-treponemal Antibodies (Syphilitic Reagin)

Specialty Infectious Disease

VIROTROL EBV



- An unassayed quality control
- Human serum based
- 2 year shelf life at 2-8°C
- 60 day open-vial stability at 2-8°C

Analytes

EBNA IgG Epstein-Barr Virus (VCA) IgG Epstein-Barr Virus (VCA) IgM

VIROCLEAR EBV



- An unassayed, non-reactive quality control
- Human serum based
- 2 year shelf life at 2-8°C
- 60 day open-vial stability at 2–8°C

Analytes

Non-reactive for: EBNA IgG EBV EA IgG

Epstein-Barr Virus (VCA) IgG Epstein-Barr Virus (VCA) IgM

Specialty Infectious Disease

PyloriTrol



- An unassayed quality control
- Human serum based
- 2 year shelf life at 2–8°C
- 60 day open-vial stability at 2-8°C

Analyte

Helicobacter pylori IgG

VIROTROL Chagas



- An unassayed, reactive quality control
- Human serum based
- 2 year shelf life at 2–8°C
- 60 day open-vial stability at 2-8°C

Analyte

Trypanosoma cruzi (T. cruzi)

VIROTROL Lyme



- An unassayed quality control
- Human serum based
- 2 year shelf life at 2–8°C
- 60 day open-vial stability at 2-8°C

Analyte

Borrelia burgdorferi IgG

VIROTROL WNV



- An unassayed quality control
- Human serum based
- 2 year shelf life at 2–8°C
- 60 day open-vial stability at 2-8°C

Analytes

West Nile Virus IgG West Nile Virus IgM

QC Data Management Solutions

Join over 29,000 of your peers who already use the Unity Interlaboratory Program, the most robust program for clinical labs

Bio-Rad Quality Controls are part of the Unity Program with industry-leading features for benchmarking laboratory performance. Whether a lab produces five hundred or five million results a year, the lab director bears ultimate responsibility for the accuracy and timeliness of each test result.1

A patient risk approach to QC means planning your QC based on the type or method of the test and its impact on patient outcomes when a failure is detected. As the world's leader in clinical laboratory QC, we've established the foundation to help you make the transition to patient-focused QC.

- Benefit from peer data generated from more than 50,000 instruments worldwide
- Utilize real-time access to peer group comparisons to help with troubleshooting
- Consolidate your entire laboratory into one QC system

- Facilitate run-time decisions with optimized Westgard rules
- Facilitate compliance with simple tools to review rule violations and document corrective actions
- Define your own quality requirements and track key quality performance indicators
- Automate QC data from Instruments, Middleware and/or LIS systems with Unity Connectivity

This sophisticated software includes best-in-class tools to support releasing results, benchmarking laboratory performance, and designing your QC system. Unity enables you to work smarter, making it possible to achieve optimum lab practice for your QC workflow. Reducing manual QC data management tasks with software automation frees your staff to focus on more critical tasks. Unity ultimately helps your team deliver objectives more efficiently and with greater ease.

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.

	Basic User Option	ons	Advanced User Options				
	UnityWeb	Unity Real Time LT	Unity Real Time online	Unity Real Time			
Type of Solution							
Web Service (Web-based)	х		х				
Desktop Software		x		x			
Unity Interlaboratory Reports							
Monthly Reports	х	x	х	х			
InstantQC Reports	х	х	х	х			
Basic Intralaboratory Charts & Reports							
Westgard Rules	х	x	х	x			
Various Charts and Reports	х	x	x	x			
Additional Features							
Westgard Advisor (Subscription sold separately)	х		х	х			
Bench Review with Data Review Report	х	x	х	х			
Supervisor Data Review with Data Review Report			х	х			
Analytical Goals			х	x			
Dynamic Data Set Comparisons			х	х			
Database Platform							
Bio-Rad Hosted	х		х				
Installed on Local Laboratory PC		x		x			
Connectivity (Sold separately)							
WebConnect	х		x				
UnityConnect	x	x	х	х			

Want to know more? Discover the power of Unity Solutions at www.qcnet.com/datamanagement/

'Malone B. A New Approach to Quality Control. AACC. 2011;37:11. Available at: http://www.aacc.org/publications/cln/2011/november/Pages/ANewApproachtoQualityControl.aspx#. Accessed June 14, 2013.











Mobile

Premier Unity Software Solutions

Unity Real Time





UnityWeb







Expert QC Data Management Solution for Desktop Users

- Facilitate 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
- Upload QC data points from an LIS, middleware or instrument (optional)
- RiLiBÄK module available to comply with German regulations
- GOST module available to comply with Russian regulations

Entry-Level Online QC Data Management Solution

- No software to install and maintain
- Use basic QC rules, charts and reports
- Upgrade easily to Unity Real Time online for more advanced tools and features
- Upload QC data points from an LIS, middleware or instrument (optional)

Connectivity Solutions for Automated Uploads to Unity Software

Simple automated uploading of your data from your instruments, middleware and LIS to Unity software solutions



UnityConnect











A connectivity solution that allows QC data from LIS systems, middleware and/or instruments to be quickly and easily imported into Unity software, enabling interlaboratory program comparison

- 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

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 to install

Hardware solutions available for serial and network devices. Contact your Bio-Rad sales representative for recommendation



Regulatory Requirements

"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 Interlaboratory Reports

There has never been a better time to be a member of the world's largest QC peer group program

Bio-Rad drives innovation in the development of Quality Control for the clinical laboratory and we're raising the bar again. It's time to take a fresh look at your Unity peer reports. Redesigned formats make reports easier than ever to read. The addition of color, graphics and statistical information allows you to interpret your data with ease, enabling prompt action to potential problems. Condensed report formats require fewer pages and view equally well printed in color or black and white.

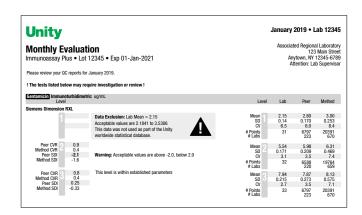
Unity Interlaboratory Program Reports Feature:

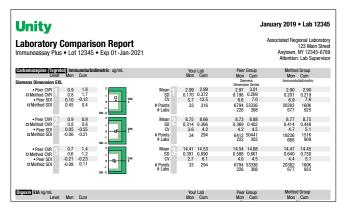
- Logical arrangement of data provides a quick and intuitive read
- Data consolidation and imagery simplifies interpretation of lab data

List of Available Reports

- Monthly Evaluation
- Laboratory Performance Overview
- Laboratory Comparison Report
- Laboratory Histogram
- Bias & Imprecision Histogram
- Worldwide Report
- Statistical Profile Report
- Affiliated Laboratory Comparison Report
- Affiliated Laboratory Comparison Report: Abbreviated Summary
- Affiliated Data Exception Report
- Urinalysis Reports
- Qualitative Worldwide Report
- Blood Typing/Serum Indices Report
- InstantQC Report

Contact your Bio-Rad Sales Representative or visit QCNet.com for more information.





Receive on-demand InstantQC Reports via QCNet today!

InstantQC Reports allow you to compare your QC results to other laboratories at any time, with real-time peer information. On-demand reports are particularly useful for troubleshooting problems with test system performance.



Customers agree:

"The documentation of Bio-Rad Controls using the Unity QC Program has been well accepted by CAP inspectors. Worry-free QC."

 Laboratory Director, Health Center

"To compare our data with a substantial peer group ensures that we are turning out reliable patient data."

 Laboratory Supervisor, School of Medicine

"The reports are clean and easy to read and understand. For each test, Unity Reports for our lab show a summary of our data, our instrument group, and our method group-reports are simple."

- Clinical Chemist, Hospital Laboratory

Ordering Information

Cat # Description	Cat # Description
·	·
Hepatitis & Retrovirus	Congenital Disease (continued)
VIROTROL I 00100A / 00100B / 00100C / 00100E / 00100F / 00100G / 00100H	VIROCLEAR TORCH 00118 Single Level/Dropper Bottle
Single Level/Dropper Bottle1 x 5 mL	
00101B / 00101C / 00101E / 00101F	Liquichek ToRCH Plus Control 239 Positive
Single Level/Tube	239X Positive MiniPak
00102B / 00102C Single Level/Dropper Bottle2 x 20 mL	227 Positive, Assayed*
	227X Positive Assayed MiniPak*
Assayed VIROTROL I-C* 00164 Single Level/Dropper Bottle	228 Negative .3 x 3 mL 228X Negative MiniPak .1 x 3 mL
- 11	
Assayed VIROTROL I-E* 00166 Single Level/Dropper Bottle	VIROTROL MuMZ 00119 Single Level/Dropper Bottle
-	VIROCLEAR MuMZ
Assayed VIROTROL I-F* 00168 Single Level/Dropper Bottle	00133 Single Level/Dropper Bottle
VIROTROL II 00104A / 00104B	Respiratory
Single Level/Dropper Bottle1 x 5 mL	VIROTROL SARS-CoV-2 200300A Single Level/Tube
00115A / 00115B	200305A Single Level/Tube
Single Level/Tube	200300B Single Level/Tube
Assayed VIROTROL II-B	200305B Single Level/Tube5 x 4 mL
00152 Single Level/Dropper Bottle	200300C Single Level/Tube1 x 4 mL
VIROTROL III	200305C Single Level/Tube
00110A / 00110C Single Level/Dropper Bottle1 x 5 mL	VIROCLEAR SARS-CoV-2
	200500 Single Level/Tube1 x 4 mL
VIROTROL IV 00111 Single Level/Dropper Bottle	200505 Single Level/Tube
	PneumoTrol
VIROTROL HIV-1 Ag 00108A / 00108B	00129 Single Level/Dropper Bottle
Single Level/Dropper Bottle1 x 5 mL	Sexually Transmitted Disease
VIROTROL PLUS-R	VIROTROL Syphilis LR-A 00171 Single Level/Tube
12000538 Single Level/Tube5 x 4 mL	00171 Single Level/Tube 5 x 4 mL 00171X Single Level/Tube 1 x 4 mL
12000539 Single Level/Tube	VIROTROL RPR Panel
VIROTROL HIV-2	01400 Three Levels/Dropper Bottle
00105A / 00105B / 00105C	Specialty Infectious Disease
Single Level/Dropper Bottle	VIROTROL EBV
VIROTROL HIV-1 gO	00128A Single Level/Dropper Bottle
00113 Single Level/Tube. .5 x 4 mL 00113X Single Level/Tube. .1 x 4 mL	VIROCLEAR EBV
· ·	00131 Single Level/Dropper Bottle
VIROCLEAR 00106 Single Level/Dropper Bottle	PyloriTrol
00107 Single Level/Dropper Bottle	00121 Single Level/Dropper Bottle
00112 Single Level/Tube	VIROTROL Chagas
VIROTROL HAV-IgM	00125 Single Level/Tube
00142A Single Level/Dropper Bottle	00125X Single Level MiniPak1 x 4 mL
VIROTROL HBc-IgM	VIROTROL Lyme
<u> </u>	
00143 Single Level/Dropper Bottle	00132 Single Level/Dropper Bottle
00143 Single Level/Dropper Bottle	00132 Single Level/Dropper Bottle
00143 Single Level/Dropper Bottle	
00143 Single Level/Dropper Bottle	VIROTROL WNV
00143 Single Level/Dropper Bottle 1 x 5 mL VIROTROL HBeAg 00144 Single Level/Dropper Bottle 1 x 5 mL Congenital Disease VIROTROL TORCH	VIROTROL WNV 00116 Single Level/Dropper Bottle
00143 Single Level/Dropper Bottle .1 x 5 mL VIROTROL HBeAg .00144 Single Level/Dropper Bottle .1 x 5 mL Congenital Disease VIROTROL TORCH 00109 Single Level/Dropper Bottle .1 x 5 mL	VIROTROL WNV 00116 Single Level/Dropper Bottle
00143 Single Level/Dropper Bottle 1 x 5 mL VIROTROL HBeAg 00144 Single Level/Dropper Bottle 1 x 5 mL Congenital Disease VIROTROL TORCH	VIROTROL WNV 00116 Single Level/Dropper Bottle

Ordering Information

(Continued from Inside Back Cover)

Cat # Description

QC Data Management Solutions

Unity Real Time

804	Installation Package Single use						
804-1	Unity Real Time						
825i	Unity Remote Installation & Training Single use						
858i	Additional Software Training Single use						
Unity Web							
870-1	UnityWeb						
825i	Unity Remote Installation & Training Single use						

UnityConnect

858i 825i

Office	iniect
820-1	UnityConnect Software Annual subscription
858i	Additional Software Training Single use
WebCor	nnect
870-W1	WebConnect 2.0Annual subscription
858i	Additional Software Training Single use

Unity Remote Installation & Training Single use

EQAS

An independent, external assessment of performance in comparison to your peers.

QCNet.com/eqas

Independent QC

Ongoing, proactive, unbiased daily QC that helps identify errors as they occur or begin to trend.

QCNet.com/independentqc

Unity

QC Data Management tools that help you create a strategy to reduce risk and streamline QC workflow.

QCNet.com/datamanagement



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