oneworld
ACCURACY™

2017 Oneworld Accuracy

External Quality Assessment Programs

Oneworld Accuracy Collaboration

oneworld
ACCURACY™ | COLLABORATION

ONEWORLD ACCURACY

Oneworld Accuracy, based in Vancouver, Canada, was founded in 2000. We are the principal provider of Standardization and EQA programs in Canada. We provide a comprehensive suite of EQA programs spanning all clinical disciplines as well as a unique set of Standardization programs. All our programs are managed on OASYS (Oneworld Accuracy System), an online informatics system that we operate, host and continually improve. We believe that OASYS is the most sophisticated, advanced and flexible informatics system of its kind anywhere. All our programs are supported by a dedicated team of laboratory professionals who strive to provide participants and stakeholders with insightful and responsive email and toll-free phone support in English and French.

We currently support almost 180 Canadian networks on OASYS. These networks, which include regional health authorities and provincial oversight bodies, use the performance information from our programs to monitor and improve the quality of testing of their participants. Our EQA programs have supported provincial oversight for over a decade in Quebec by the Laboratoire de Santé Publique du Québec.

Our eGFR (creatinine standardization) program has been adopted as the cornerstone of provincial standardization initiatives in British Columbia and Nova Scotia. The British Columbia experience was summarized in a paper entitled Regional Implementation of Creatinine Measurement Standardization published in the Journal of American Society of Nephrology (J Am Soc Nephrol 19: 164–169, 2008). It was projected that our program could reduce average total error in creatinine measurement from 23.9% to 8.7% and average analytical bias from 16.5% to 2.7% and could reduce incorrect classification of stage 3 chronic kidney disease for 449,000 patients (84%) with potential savings of $36 million.

We also act as the Secretariat to the Oneworld Accuracy Collaboration. Here's an overview of what we do as Secretariat. We invite leading clinical and research groups around the world to become Science Architects in the Oneworld Accuracy Collaboration. We embed their science in programs that assess, improve and standardize test results. We add those programs to OASYS and localize OASYS into desired languages. We invite national groups to own the challenge of achieving testing accuracy in their countries. We empower them as Collaboration Members. We give them all the tools they need – programs, online system, training and the collective experience of their Collaboration peers. We invite everyone who does medical testing – laboratories, doctors, clinics, pharmacies to participate in our Standardization and EQA programs.

Oneworld Accuracy is the largest and most successful collaboration of its kind in the world. We now have more than 51 Collaboration Members providing 28,000 annual program subscriptions featuring the science of 4 Science Architects to 5,000 participants in 130 countries.

INDEX

Table of Programs
Oneworld Accuracy Collaboration
Science Architects
CMPT - Science Architect
NRL - Collaboration Member + Science Architect
Our Green Commitment
Program Essentials
Import Permits
Subscription Options
System Overview
+5 Free Report Only Subscriptions
The First Principle
Why Results Deadlines Matter
New + Revised for 2017
Monthly EQA
Standardization Programs
Chemistry EQA
Point of Care EQA
Hematology EQA
Coagulation EQA
Transfusion Medicine EQA
Clinical Microscopy EQA
Diagnostic Immunology EQA
Molecular Diagnostics EQA
Clinical Serology EQA
Clinical Nucleic Acid Testing EQA
Blood Screening EQA
Andrology EQA
Bacteriology EQA
Mycobacteriology EQA
Mycology EQA
Parasitology EQA
2017 Calendar

TABLE OF PROGRAMS

MONTHLY PROGRAMS
Chemistry/Immunoassay
Blood Gas/Electrolytes
Cardiac Markers
Coagulation
Hematology
Specific Proteins
Tumor Markers
Urine Drugs of Abuse
Urinalysis

STANDARDIZATION PROGRAMS
Certification - Total Cholesterol
eGFR Baseline
eGFR Calculation
eGFR Monitoring
Hemoglobin A1c Monitoring
Lipids Monitoring

CHEMISTRY EQA
Alcohol
Ammonia
Chemistry/Immunoassay
Blood Gas/Electrolytes
Cardiac Markers
Clinical Chemistry
CO-Oximetry
Routine Chemistry
Cerebrospinal Fluid Chemistry
Endocrinology
Fetal Fibronectin
Body Fluid Chemistry
Occult Blood
Basic Glycated Hemoglobin
Gastric Occult Blood
i-STAT Blood Gas/Electrolytes/Hematocrit
Ketones
Neonatal Bilirubin
Nitrazine
Human Chorionic Gonadotropin
Special Chemistry
Special Immunoassay
Specific Proteins
Special Urine Chemistry
Immunosuppressants
Sweat Testing
Therapeutic Drug Monitoring
Pharmacology
Total Protein
Trace Elements - Blood
Trace Elements - Serum
Trace Elements - Urine
Tumor Markers
Urine Drugs of Abuse
Urine hCG
Urine Chemistry
Urinalysis
Urinalysis and Sediment
Urine Microalbumin
Urine Sediment
Whole Blood Glucose
Whole Blood Hemoglobin

POINT OF CARE EQA
Blood Gas/Electrolytes
Cardiac Markers
Clinical Chemistry
Co-Oximetry
Dried Tube Sample HIV-1 Viral Load
i-STAT Blood Gas/Electrolytes/Hematocrit
Nitrazine
Plasma Prothrombin Time XS POC
Urine Drugs of Abuse
Urinalysis
Whole Blood Glucose
Whole Blood Hemoglobin

HEMATOLOGY EQA
Body Fluids
Cell Morphology
Erythrocyte Sedimentation Rate
Erythrocyte Sedimentation Rate for Alifax
Flow Cytometry Progenitor Cells
Fetal RBC and F Cell Detection
Hematology 5-Part Differential
Hematology
Hematology 3-Part Differential
Lymphocyte Immunophenotyping
Reticulocytes
Sickle Cell Screening

COAGULATION EQA
Coagulation
Hemophilia Coagulation Factors and vWF
D-Dimer
Oral Anticoagulant Monitoring
Plasma Prothrombin Time XS POC
Thrombophilia

TRANSFUSION MEDICINE EQA
Basic Transfusion Medicine
Comprehensive Transfusion Medicine
Direct Antiglobulin Testing
Immunohematology
Comprehensive Immunohematology

TABLE OF PROGRAMS

CLINICAL MICROSCOPY EQA
Fecal Smear
Fern Test
KOH Preparation
Nasal Smear
Pinworm Preparation
Vaginal Preparation

DIAGNOSTIC IMMUNOLOGY EQA
Antiphospholipid Autoimmunity
Rheumatologic Arthritis Autoimmunity
Anti-Neutrophil Cytoplasm Autoimmunity
Coeliac Disease
Organ Autoimmunity
Rheumatologic Autoimmunity
Thyroid Autoimmunity
Inhalant Allergy
Anti-Nuclear Antibody
Anti-Streptolysin O
C-Reactive Protein
Food Allergy
High Sensitivity C-Reactive Protein
Rhematoid Factor

MOLECULAR DIAGNOSTICS EQA
M. tuberculosis Detection and Rifampin Resistance

CLINICAL SEROLOGY EQA
Viral Antigen Detection
EBV Serology
Hepatitis Serology
HIV
HIV Serology
Helicobacter Pylori Antibody
Herpes Simplex
HTLV Serology
Lyme Disease
Infectious Mononucleosis
Mycoplasma Antibody
Toxoplasma, Rubella and CMV Serology
Syphilis Serology

CLINICAL NUCLEIC ACID TESTING EQA
CMV DNA Qualitative & Viral Load
C. trachomatis I N. gonorrhoeae DNA Qualitative
Dried Tube Sample HIV-1 Viral Load
HAV RNA & Parvovirus B19 DNA
HBV DNA Viral Load
HCV Genotyping
HCV RNA Viral Load
HCV RNA Qualitative
HIV-1 Genotypic Drug Resistance
HIV-1 RNA Viral Load
HIV Tropism
HPV DNA Qualitative
HSV-1/2 DNA Qualitative
Leptospirosis DNA Qualitative

BLOOD SCREENING EQA
CMV DNA Qualitative & Viral Load
HAV RNA & Parvovirus B19 DNA
HTLV Serology
Multimarker Blood Screening Serology
Multimarker Blood Screening NAT
Toxoplasma, Rubella and CMV Serology
Syphilis Serology

ANDROLOGY EQA
Sperm Count
Sperm Screen
Sperm Morphology
Sperm Viability

BACTERIOLOGY EQA
Affirm VP Test
Bacterial Identification
Blood Culture
Clostridium difficile Antigen
Genital Culture
Gram Stain
Methicillin Resistant Staphylococcus aureus
Neisseria Gonorrhoeae Culture
Streptococcus A Antigen
Streptococcus A Culture
Throat Culture
Urine Colony Count
Urine Culture
Vancomycin Resistant Enterococcus

MYCOBACTERIOLOGY EQA
Mycobacterium Acid Fast Stain
Mycobacterium Species Culture

MYCOLOGY EQA
Candida Antigen
Cryptococcus Antigen
Dermatophyte Screen
KOH Slides
Mold/Yeast Culture
Yeast Culture

PARASITOLOGY EQA
Blood Parasites
Malaria
PVA Smear
Wet Mount

ONEWORLD ACCURACY COLLABORATION

When you participate in our programs, you support and advance the Oneworld Accuracy Collaboration, the largest and most successful collaboration of its kind in the world. Collaboration Members harmonize programs to the highest international standards using common samples, challenge formats and test event calendar and manage their respective programs on OASYS, a shared informatics system developed and hosted by the Collaboration Secretariat, the Oneworld Accuracy Group, based in Vancouver, Canada.

Collaboration Mission: to achieve universal testing accuracy for improved healthcare for all people.

Our mission is supported by your commitment to continual improvement in testing quality. Accordingly, if you have any suggestions for new programs or system features that can assist you, or if you know of any groups that might be interested in becoming a Collaboration Member, please let us know at secretariat@oneworldaccuracy.org.

The Collaboration has two types of Members. Leadership Members are national groups that provide a comprehensive, harmonized program set. They may also be national groups with a specific mandate or academic focus that provide a specialty program set. Associate Members are commercial groups that also provide a comprehensive, harmonized program set pending organization of national programs in their respective countries.

Leadership Members

1. Oneworld Accuracy Group, Collaboration Secretariat (Vancouver, Canada)
2. AccuTest Proficiency Testing Services (Boston, USA)
3. NRL (Melbourne, Australia)
4. Human Quality Assessment Services (Nairobi, Kenya)
5. Oneworld Accuracy Italia (Bologna, Italy)
6. STI AIDS Cooperative Central Laboratory (Manila, Philippines)
7. Projet RETRO-CI (Abidjan, Côte d'Ivoire)
8. Thistle QA (Johannesburg, South Africa)
9. AfriQualab (Dakar, Sénégal)
10. Ethiopian Public Health Institute (Addis Ababa, Ethiopia)

ONEWORLD ACCURACY COLLABORATION

11. Centro Regionale Qualità Laboratori (Palermo, Italy)

12. Ministry of Health, Guyana (Georgetown, Guyana)

13. Ministry of Health, Antigua & Barbuda (Saint John's, Antigua & Barbuda)

14. Barbados National Standards Institution (Bridgetown, Barbados)

15. Ministry of Health, Jamaica (Kingston, Jamaica)

16. Ministry of Health, Suriname (Paramaribo, Suriname)

17. Ministry of Health, Saint Lucia (Castries, Saint Lucia)

18. Ministry of Health, Trinidad & Tobago (Port of Spain, Trinidad & Tobago)

19. Ministry of Health, Bahamas (Nassau, Bahamas)

20. Ministry of Health, Belize (Belmopan, Belize)

21. Ministry of Health, Dominica (Roseau, Dominica)

22. Ministry of Health, Grenada (St. George's, Grenada)

23. Ministry of Health, St. Kitts & Nevis (Basseterre, St. Kitts & Nevis)

24. Ministry of Health, Saint Vincent & the Grenadines (Kingstown, Saint Vincent & the Grenadines)

25. China International Transfusion Infection Control, Shanghai Blood Services (Shanghai, China)

26. Laboratoire National de Santé Publique Haïti (Port au Prince, Haïti)

27. National Reference Laboratory Rwanda (Kigali, Rwanda)

28. Transfusion Transmissible Infections - National Reference Laboratory (Muntinlupa City, Philippines)

29. Institute of Human Virology Nigeria (Abuja, Nigeria)

30. Swaziland Health Laboratory Services (Mbabane, Swaziland)

31. National Health Laboratory QATC (Dar es Salaam, Tanzania)

32. Centre for Integrated Health Programs (Abuja, Nigeria)

33. Ministry of Health & Child Care (Harare, Zimbabwe)

34. National Kidney & Transplant Institute (Quezon City, Philippines)

Associate Members

35. Oneworld Accuracy Costa Rica

36. Oneworld Accuracy El Salvador

37. Oneworld Accuracy España

38. Oneworld Accuracy Guatemala

ONEWORLD ACCURACY COLLABORATION

39. Oneworld Accuracy Honduras

40. Oneworld Accuracy India

41. Oneworld Accuracy Panamá

42. Oneworld Accuracy Portugal

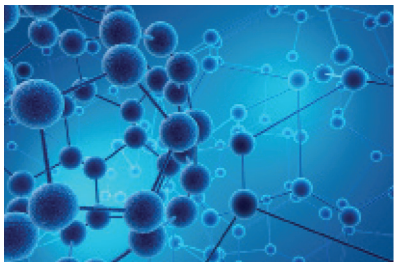
43. Oneworld Accuracy Saudi Arabia

44. Oneworld Accuracy Sri Lanka

45. Oneworld Accuracy Taiwan

46. Oneworld Accuracy Türkiye

SCIENCE ARCHITECTS



Science(n);

from Latin *scientia* meaning "knowledge" is a systematic enterprise that builds and organizes knowledge in the form of testable explanations and predictions about the world.

+

Architect(n);

from Latin *architectus*, derived from Greek arkhtekton meaning "chief builder" is a person or group responsible for the planning, design and construction oversight of complex systems.

= Science Architect

The Oneworld Accuracy Collaboration features programs that embed the science of leading medical and laboratory science specialists worldwide. These groups are called Science Architects and they take the lead in the planning, design and oversight of programs within their domain of expertise. This includes selection and procurement of clinically relevant samples and design of key online program flows, such as registration, submitting results, evaluation criteria and performance reports and graphs. Science Architects stay abreast of leading and emerging clinical and laboratory trends so that their programs remain current.

The Science Architect concept is unique to the Collaboration. It means that participants gain access to the leading science of many Science Architects within a single suite of programs on a single informatics system. The Collaboration wants to reach out to new potential Science Architects worldwide so their expertise can be incorporated into new best-of-breed programs.

If you know of any group that might be interested or qualified in becoming a Science Architect, please let us know at secretariat@oneworldaccuracy.org.

CMPT-SCIENCE ARCHITECT

cmpt clinical microbiology proficiency testing

CMPT (Canadian Microbiology Proficiency Testing) is an active program of the Department of Pathology & Laboratory Medicine, University of British Columbia (UBC). CMPT operates a Medical Microbiology Research and Development Laboratory within the UBC campus in Vancouver, British Columbia, Canada.

Since inception, CMPT has maintained its focus on fulfilling its Mission Statement: Innovation, Education, Quality Assessment and Continual Improvement.

CMPT was created in 1983 as a regional microbiology EQA program for southwest British Columbia. It has since evolved into a cross-Canada program with international outreach. Today CMPT provides EQA programs in bacteriology, mycology and enteric parasitology to all laboratories in most Canadian provinces as well as EQA programs for drinking and recreational water to public health and water testing laboratories across the country.

CMPT is widely acknowledged as the principal microbiology EQA provider in Canada and a leader internationally in microbiology quality improvement and education. CMPT is voluntarily compliant with ISO 17025: 2004 and ISO 9001: 2008. Since 2004, CMPT's quality management system has been regularly assessed and certified by QMI-SAI Global. CMPT has been a Collaboration member since 2011 and serves as the Science Architect for some Bacteriology, Mycology and Mycobacteriology EQA Programs.

CMPT's focus on education and continual improvement is reflected in the design of its EQA programs. Many providers use lyophilized samples and narrowly conceive of EQA as measure of their participants' technical accuracy compared with their inter-laboratory peers. By contrast, CMPT uses fresh samples that closely simulate typical clinical samples. As well, CMPT's EQA more expansively assesses their participants' whole pre-examination, examination and post-examination cycle to ensure that they provide timely, accurate and clinically-relevant reports. CMPT's critiques, newsletters and other educational materials enjoy consistently high ratings among participants and serve as a valuable source of continuing education.

CMPT is active internationally. Numerous organizations have adopted CMPT techniques for use in their own countries through CMPT's Education, Training, & Mentoring (ETM) Program. As well, CMPT has been successfully engaged in national and international research in laboratory quality management within the UBC Program Office for Laboratory Quality Management (POLQM), a sister program to CMPT.

NRL - COLLABORATION MEMBER + SCIENCE ARCHITECT

NRL Science of Quality

Established in 1985 and based in Melbourne, Australia, NRL is an independent and not-for-profit organization whose mission is to promote the quality of tests and testing for infectious diseases globally.

NRL is designated a World Health Organization Collaborating Centre for Diagnostics and Laboratory Support for HIV and AIDS and Other Blood-borne Infections and a fully accredited proficiency testing provider under ISO 17043:2010. In addition, NRL is certified by BSI for Quality Management AS/NZS ISO 9001:2008 and Safety Management AS/NZS 4801:2001.

NRL has been a Collaboration member since 2005 and serves as the Science Architect for Clinical Serology, Clinical Nucleic Acid Testing and Blood Screening EQA Programs. The design and analysis of these Programs draw upon NRL's extensive experience and scientific methods to ensure maximum scope for error detection. NRL EQA Programs, which incorporate genuine and diverse samples, are intended to assess the integrity of the entire testing process to identify sources of errors and prevent misdiagnosis.

As well, NRL is the founder and manager of an international quality network in which NRL directly provides Blood Screening EQA Programs and other quality services to national blood screening organizations and plasma fractionators from over 40 countries. These quality-focused participants have selected NRL Blood Screening EQA Programs as a cost-effective approach to managing risks.

In addition to EQA, NRL also offers a range of quality services for laboratories testing for infectious diseases, including:

- comprehensive and innovative quality assurance services,
- evaluations of tests and test algorithms,
- specialized laboratory testing services,
- training with sustainable outcomes, and
- consultation and advice on policy relating to laboratory testing.

WEQAS – SCIENCE ARCHITECT

Established in 1968, Weqas is one of the leading External Quality Assessment (EQA) providers with over 45 years experience in delivering Quality Assurance Programmes in Laboratory Medicine. Weqas is a "not for profit" organisation based in Cardiff, UK, and employs an expert team of scientists delivering services in Laboratory EQA, Point of Care (POCT) EQA, Reference method development and Internal Quality Control (IQC) production.

Weqas is accredited to ISO 17043: Conformity assessment - General requirements for proficiency testing. Weqas' Programmes are underpinned by commutable metrological traceable samples, informative reports and a team of experienced scientists and Point of Care co-ordinators.

The Weqas Reference Laboratory is a Joint Committee on Traceability in Laboratory Medicine (JTLM) listed Reference Measurement Service Provider, part of a European Network of highly specialist laboratories providing accurate target value assignment of clinical material to assist in the global harmonisation of Pathology results. This is the only laboratory currently in the UK providing this service. The Reference Laboratory is accredited to the International Standard ISO 15195 Laboratory Medicine - Requirements for Reference Measurement Laboratories and ISO 17025- General requirements for the competence of testing and calibration laboratories.

Weqas also provides third party CE marked IQC and Quality Control Reference Material (QCRM) for a range of analytes. Targeted at clinically relevant concentrations, these products along with our other services provide the necessary tools to achieve compliance to ISO 15189:2012.

SERVICES:

- Web based interactive EQA Programmes.
- Troubleshooting and problem solving.
- Education and training days.
- Reference Measurement Service Provider.

PRODUCTS:

- Analytical Standards.
- Linearity sets.
- Liquid stable QC material.
- Manufacturer Equipment validation packs.
- Laboratory method verification packs.
- Third party QC material.
- Quality Control reference material.
- POCT QC material.

OUR GREEN COMMITMENT

Minimizing environmental impact

Maximizing healthcare impact

As an environmentally responsible Collaboration, our Green Commitment includes moving from paper to digital formats and minimizing the mass and frequency of shipments to you.

As part of that commitment, we are:

- Minimizing separate shipments to you by simplifying our Test Event calendar.
- Sending you electronic copies of Instructions and Worksheets instead of printing and shipping paper copies to you.
- Providing digital images for microscopy Programs instead of printing and shipping microphotographs to you.
- Encouraging you to consider the environment before printing paperwork and to recycle or reuse all shipping materials.

We're making a difference.

Almost 100% of our shipping materials can now be recycled or reused. Moving from paper to digital will save approximately 1400 kilograms (3100 pounds) of paper every year and avert the associated environment cost of printing that paper and shipping it around the world by air transport.

We invite you to re-imagine our Programs to minimize their environmental impact. If you have suggestions for how we can further minimize our environmental footprint, please let us know at secretariat@oneworldaccuracy.org

PROGRAM ESSENTIALS

Here is how our Programs are organized

- Programs are divided into sections by testing discipline.
- Programs are listed alphabetically by Order Code in each section.
- All Programs are offered on a calendar-year basis.
- You may enrol in any Program anytime during the year. You will start with the next available Test Event and your Program cost will be pro-rated.
- Some Programs may only be offered once a minimum number of participants is reached.

We have simplified and standardized our Program design

- Programs may have either 3, 4 or 12 test events.
- All Programs have a 21 day Test Event Window except Standardization Programs, Monthly EQA Programs and some Chemistry EQA Programs. These Programs have a 7 day Test Event Window due to the nature of their sample material or the frequency of test events.
- The number of shipments per year is indicated under the format of each program.
- All Test Event Windows open on Wednesdays at 12:01 am (00.01) your local time.
- All Result Deadlines end on Wednesdays at 11:59 pm (23.59) your local time.

Our system provides automated notices to help you manage your Programs

- Shipment Notice - so you can prepare for the upcoming shipment.
- Test Event Reminder - so you can prepare for the upcoming Test Event.
- Instructions + Worksheets - so you can properly receive, store and test your samples and record submitted results.
- Results Deadline Reminders - so you can submit all results on time.

IMPORT PERMITS

Contact your local authorities to determine import permit requirements for these programs. Use the Oneworld Accuracy program codes, program names and sample content to ensure that import permits match shipment paperwork.

Sample sets for these programs are classified by IATA as UN3373 Biological Substance, Category B and may require import permits.

Sample sets for these programs are in methanol solution. Methanol is classified by IATA as UN1230 - Flammable Liquid, Class 3 and may require import permits.

Sample sets for these programs are shipped on dry ice. Dry ice is classified by IATA as UN1845 Dangerous Goods and may require import permits.

Sample sets for these programs are shipped annually.

Program Code	Program Name	Sample Content	Sample Sets	Your Location		
				International	USA	Canada
AFVP435	Affirm VP Test	Inoculated swab	UN3373	P?		
BACT435	Bacterial Identification	KWIK-STIK™ Ampoule/swab	UN3373	P?		HPTR
BLCU435	Blood Culture	LYFO DISK®	UN3373	P?		HPTR
CANA435	Candida Antigen	Liquid	UN3373	P?		
CLDA432	Clostridium Difficile Antigen	Liquid	UN3373	P?		
CLDA435	Clostridium Difficile Antigen	Liquid	UN3373	P?		
CMVN435	CMV DNA Qualitative & Viral Load	Human plasma	UN3373 UN1845 ✈	P?	P?	
CTNG435	C. trachomatis I N. gonorrhoeae DNA Qualitative	Human plasma	UN3373 UN1845 ✈	P?	P?	
DERS435	Dermatophyte Screen	KWIK-STIK™ Ampoule/swab	UN3373	P?		HPTR
GENC432	Genital Culture	KWIK-STIK™ Ampoule/swab	UN3373	P?		HPTR

IMPORT PERMITS

GENC435	Genital Culture	KWIK-STIK™ Ampoule/swab	UN 3373	P?		HPTR
HAPN435	HAV RNA & Parvovirus B19 DNA	Human plasma	UN 3373 UN 1845	P?	P?	
HBVL435	HBV DNA Viral Load	Human plasma	UN 3373 UN 1845	P?	P?	
HCVG435	HCV Genotyping	Human plasma	UN 3373 UN 1845	P?	P?	
HCVL435	HVC RNA Viral Load	Human plasma	UN 3373 UN 1845	P?	P?	
HCVN435	HCV RNA Qualitative	Human plasma	UN 3373 UN 1845	P?	P?	
HEPM435	Hepatitis Serology	Human plasma	UN 3373	P?	P?	
HEPM4310	Hepatitis Serology	Human plasma	UN 3373	P?	P?	
HIVC435	HIV Serology	Human plasma	UN 3373	P?	P?	
HIVC4310	HIV Serology	Human plasma	UN 3373	P?	P?	
HIVG425	HIV-1 Drug Resistance	Human plasma	UN 3373 UN 1845	P?	P?	
HIVL435	HIV-1 RNA Viral Load	Human plasma	UN 3373 UN 1845	P?	P?	
HPVN435	HPV DNA Qualitative	Liquid based cytology	UN 3373 UN 1230 UN 1845	P?	P?	
HSVN435	HSV-1/2 DNA Qualitative	Human plasma	UN 3373 UN 1845	P?	P?	
HTLV435	HTLV Serology	Human plasma	UN 3373	P?	P?	
HTLV4310	HTLV Serology	Human plasma	UN 3373	P?	P?	
LEPN435	Leptospirosis DNA Qualitative	Human frozen plasma	UN 3373 UN 1845	P?	P?	
MMBS4320	Multimarker Blood Screening Serology	Human plasma	UN 3373	P?	P?	
MOLC435	Mold/Yeast Culture	KWIK-STIK™ Ampoule/swab	UN 3373	P?		HPTR
MRSA435	Methicillin Resistant S. aureus	KWIK-STIK™ Ampoule/swab	UN 3373	P?		HPTR
MSPC435	Mycobacterium Species Culture	KWIK-STIK™ Ampoule/swab	UN 3373	P?		HPTR
NATA4315	Multimarker Blood Screening NAT	Human plasma	UN 3373 UN 1845	P?	P?	

IMPORT PERMITS

NGOS432	Neisseria gonorrhoeae Culture	KWIK-STIK™ Ampoule/swab	UN 3373	P?		HPTR
NGOS435	Neisseria gonorrhoeae Culture	KWIK-STIK™ Ampoule/swab	UN 3373	P?		HPTR
STAS435	Streptococcus A Culture	KWIK-STIK™ Ampoule/swab	UN 3373	P?		HPTR
THRC433	Throat Culture	KWIK-STIK™ Ampoule/swab	UN 3373	P?		HPTR
THRC435	Throat Culture	KWIK-STIK™ Ampoule/swab	UN 3373	P?		HPTR
TORC435	CMV / Rubella / Toxoplasma Serology	Human plasma	UN 3373	P?	P?	
TREP435	Syphilis Serology	Human plasma	UN 3373	P?	P?	
URCC432	Urine Colony Count	Inoculated beads	UN 3373	P?		HPTR
URIC432	Urine Culture	KWIK-STIK™ Ampoule/swab	UN 3373	P?		HPTR
URIC435	Urine Culture	KWIK-STIK™ Ampoule/swab	UN 3373	P?		HPTR
VREN435	Vancomycin Resistant Enterococcus	KWIK-STIK™ Ampoule/swab	UN 3373	P?		HPTR
YEAC435	Yeast Culture	KWIK-STIK™ Ampoule/swab	UN 3373	P?		HPTR

P? Import permit may be required. Contact your local authorities.

HPTR A Human Pathogens and Toxins Regulations (HPTR) licence from the Public Health Agency of Canada (PHAC) is required if you are culturing the EQA sample material outside of a sealed container, or if the sealed container is opened for any purpose prior to decontamination and/or disposal.

SUBSCRIPTION OPTIONS

We provide 5 Program subscription options to help you manage your testing quality.

Full — **Full subscription.** This is a standalone subscription. You receive one set of samples and submit one set of results for evaluation for each test event in the calendar year. Some programs, which accommodate runs and replicates, allow multiple sets of results to be submitted for evaluation for each test event.

+RO — **Report only subscription.** This is an add-on to a Full subscription. You may submit up to 5 additional sets of results for evaluation - at no cost - using the same sample set provided with the Full subscription. Certain programs allow 19 Report only subscriptions. This subscription option is useful for you to assess performance of back-up systems. This subscription option is limited for CLIA participants testing CMS regulated analytes.

+SO — **Sample only subscription.** This is an add-on to a Full subscription. You receive an additional set of samples but do not submit a second set of results for evaluation. This subscription option is useful if you need additional sample volume for Report only subscriptions or for internal quality measures.

OC — **Off cycle subscription.** This is a stand-alone subscription. You receive one set of samples for a single test event and submit one set of results for evaluation. This subscription option is useful for you to follow-up unexpected or adverse performance and for regulatory compliance.

VA — **Validation subscription.** This is a stand-alone subscription. You receive one set of survey-validated samples with an associated report of survey values, but do not submit results for evaluation. This subscription option is useful for you to troubleshoot, implement a new system or work up new reagents or calibrators.

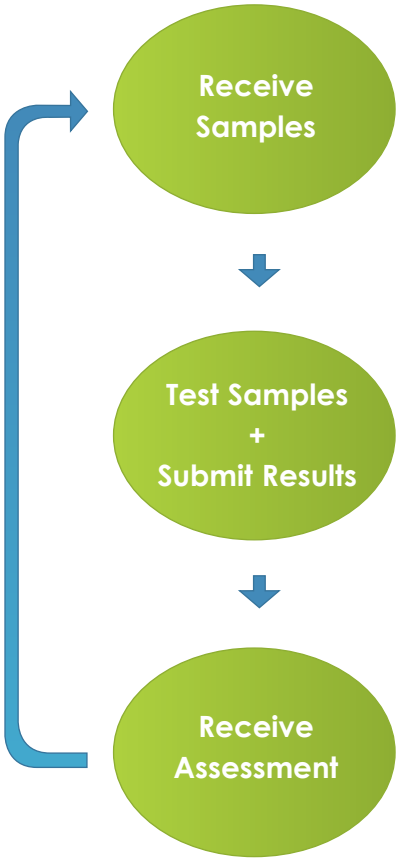
Our Program Codes give you Program Details

SYSTEM OVERVIEW

Getting started

Programs are listed by discipline (see Table of Programs). To order programs, please use the Order Form or Request for Quote provided by your Collaboration Member.

The Test Event Cycle



Shipment Notice

These remind you that a shipment will be arriving soon.

Test Event Reminder

These enable you to prepare for the upcoming Test Event.

Instructions + Worksheets

These enable you to properly receive, store and test your samples and record submitted results.

Results Deadline Reminders

These remind you to submit all results before the Results Deadline.

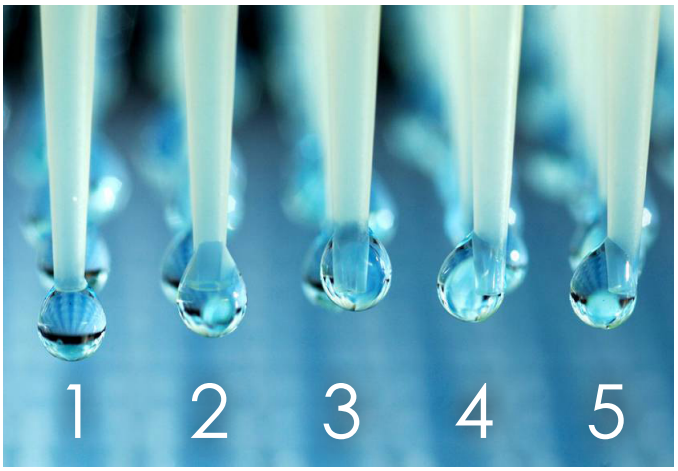
Performance Reports

These summarize your performance.

Here's how we acknowledge your commitment to testing quality

For EQA programs, we provide an annual Certificate of Participation listing the disciplines of all programs you participated in. For Standardization Programs, we provide an annual Certificate of Performance for each program in which you met the performance goal.

+5 FREE REPORT ONLY SUBSCRIPTIONS



Full subscriptions of Oneworld Accuracy programs come with 5 free Report only subscriptions. In other words, you can submit up to 5 additional sets of results for evaluation - at no cost - using the same sample set provided with your Full subscription.

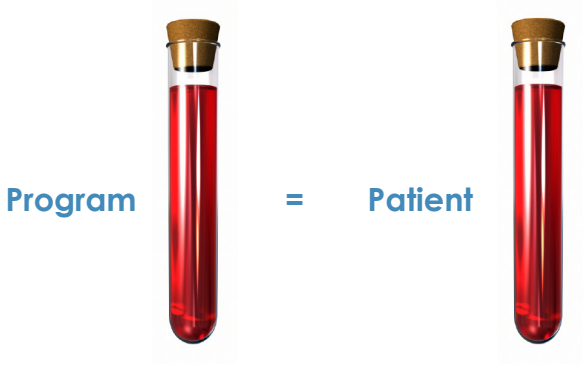
It gets better. If you need additional sample volume for your Report only subscriptions, simply order as many Sample only subscriptions as you require.

Providing 5 free Report only subscriptions is part of our commitment to provide you with an innovative, cost-effective way to extend EQA to all your testing, including secondary and backup test platforms.

Make sure that you take full advantage of your 5 free Report only subscriptions – simply list how many Report only subscriptions you want for each program on your Order form.

Fine Print. We indicate the available subscription options for every Oneworld Accuracy program. Certain programs have 19 free Report only subscriptions. Some programs are not suitable (e.g. programs with runs and replicates) and some samples are not sufficiently stable (e.g. blood gases) for Report only subscriptions. As well, this subscription option is limited for CLIA participants testing CMS regulated analytes.

THE FIRST PRINCIPLE



When you participate in our programs, the First Principle is that you must test program samples and report results exactly as you would patient samples.

Our programs are designed to assess how you test patient samples and report results. They are intended to be educational in nature so that if problems are identified, they represent an opportunity for you to improve the quality of your patient testing. We strive to help you so that all of your patients receive accurate, clinically relevant and timely results.

Your commitment to the First Principle ensures that our programs can be a reliable measure for how you test patient samples and report results. This means you must:

- test samples in the same manner and number of times as you test patient samples;
- test samples within the same timeframes as you test patient samples;
- test samples by the same personnel that routinely test patient samples;
- test samples using the same systems used to routinely test patient samples;
- submit results within the same timeframes as you report patient results; and
- not discuss your results with other participants or send your samples for outside testing.

WHY RESULTS DEADLINES MATTER

Submitting results before the

signals your commitment to the First Principle.

For consistency, all Results Deadlines are on Wednesdays and end at 11:59 pm (23:59) your local time.

Submitting on time enables us to evaluate and communicate your performance as soon as possible.

To give you ample time, all programs have Test Event Windows that exceed routine testing times for patient samples.

The system reminds you of missing results and Results Deadlines. As well, the system helps you meet Results Deadlines:

- To encourage early submission, the system records when your results are submitted and calculates your Turn-Around-Time measured in days before the Results Deadline.
- To discourage late submission, the system does not accept your results if submitted after the Results Deadline.
- To fix clerical errors, the system accepts all changes to your submitted results anytime before the Results Deadline.

NEW FOR 2017

Clinical Nucleic Acid Testing EQA

1	CTNG435	C. trachomatis | N. gonorrhoeae DNA Qualitative	New analyte: C. trachomatis serovar determination
2	HPVN435	HPV DNA Qualitative	New program
3	LEPN435	Leptospirosis DNA Qualitative	New program

Blood Screening EQA

4	MMBS4320	Multimarker Blood Screening Serology	New analyte: Anti-Treponema pallidum
5	TREP4310	Syphilis Serology	Discontinued program

Chemistry EQA

6	UASE432	Urinalysis and Sediment	New program

MONTHLY EQA

2017 Test Event Calendar

The following Test Event Calendar applies for all Programs in this section.

The number of shipments of sample sets is indicated in the program description for each Program.

You will receive a Shipment Notice and Test Event Reminder, which remind you of upcoming shipments and test events, before the Test Event Open. You will need to update and finalize your registration before the Test Event Open to be able to submit results. Late registration may cause you to miss that test event. This is especially important for new participants who may have instruments and reagents not listed in OASYS. These have to be researched and added to OASYS before you can submit results.

All Programs in this section have a 7 day Test Event Window with Results Deadlines indicated below.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, January 18	7 days	Wednesday, January 25
2	Wednesday, February 15	7 days	Wednesday, February 22
3	Wednesday, March 08	7 days	Wednesday, March 15
4	Wednesday, April 12	7 days	Wednesday, April 19
5	Wednesday, May 17	7 days	Wednesday, May 24
6	Wednesday, June 14	7 days	Wednesday, June 21
7	Wednesday, July 19	7 days	Wednesday, July 26
8	Wednesday, August 16	7 days	Wednesday, August 23
9	Wednesday, September 06	7 days	Wednesday, September 13
10	Wednesday, October 18	7 days	Wednesday, October 25
11	Wednesday, November 08	7 days	Wednesday, November 15
12	Wednesday, November 29	7 days	Wednesday, December 06

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

MONTHLY EQA

1. CHEMISTRY/IMMUNOASSAY

Quantitative | **Lyophilized serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
BCHE4121	**12** test events x **1** sample x **5** mL **4** shipments	Not compatible with Abbott Vision analyzers using whole blood for HDL cholesterol.

Chemistry
Acetaminophen
Acid phosphatase, non-prostatic
Acid phosphatase, prostatic
Acid phosphatase, total
Alanine aminotransferase (ALT/SGPT)
Albumin
Aldolase
Alkaline phosphatase (ALP)
Amylase, total
Amylase, pancreatic
Aspartate aminotransferase (AST/SGOT)
Beta-2 Microglobulin
Bile acids
Bilirubin, direct
Bilirubin, total
Calcium – ionized
Calcium, total
Chloride
Cholinesterase
CO2, total
Copper
Creatine kinase (CK), total
Creatinine
Ferritin
Gamma-glutamyltransferase (GGT)
Glucose
Glutamate dehydrogenase
Homocysteine
Hydroxybutyrate dehydrogenase
Iron
Iron, total binding capacity (TIBC)
Lactate
Lactate dehydrogenase (LDH)
Lipase
Magnesium
Osmolality
Phosphate, inorganic
Phenylalanine
Potassium
Protein, total
Sodium
Transferrin
Urea/Urea nitrogen
Uric acid
Vitamin D – 25-Hydroxy
Zinc

Lipids
Cholesterol, HDL
Cholesterol, LDL
Cholesterol, total
Triglycerides

Immunoassay
17-Hydroxyprogesterone
Aldosterone
Alpha-fetoprotein (AFP)
Androstenedione
Carcinoembryonic antigen (CEA)
Cortisol
DHEA Sulphate
Estradiol
Estriol, unconjugated
Folate
Follicle stimulating hormone (FSH)
Fructosamine
Growth Hormone
Human chorionic gonadotropin (hCG)
Immunoglobulin E
Insulin
Luteinizing hormone (LH)
Progesterone
Prolactin
Prostate-specific antigen, total (PSA)
Sex Hormone Binding Globulin
Testosterone
Thyroglobulin
Thyroid stimulating hormone (TSH)
Thyroxine, free (FT4)
Thyroxine, total (T4)
Triiodothyronine, free (FT3)
Triiodothyronine, total (T3)
T-uptake
Vitamin B12

Therapeutic Drugs
Amikacin
Carbamazepine
Digoxin
Ethosuximide
Gentamicin
Lidocaine
Lithium
N-acetylprocainamide (NAPA)
Phenobarbital
Phenytoin
Primidone
Procainamide
Quinidine
Salicylate
Theophylline
Tobramycin
Valproic Acid
Vancomycin

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MONTHLY EQA

2. BLOOD GAS/ELECTROLYTES

Quantitative | **Aqueous solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
BGAS4121	**12** test events x **1** sample x **2.5** mL **4** shipments	No known compatibility issues with any method or analyzer.

Calcium, ionized	Lithium	Potassium
Chloride	Magnesium, ionized	Sodium
Creatinine	pCO2	Urea
Glucose	pH	
Lactate	pO2	

SUBSCRIPTION OPTIONS

Full | ~~+RO~~ | +SO | OC | VA

Report only subscriptions are not suitable for this program as blood gases dissipate rapidly after samples are opened.

3. CARDIAC MARKERS

Quantitative and/or qualitative | **Liquid plasma/serum matrix**

PROGRAM CODE	FORMAT	COMPATIBILITY
CARM4121	**12** test events x **1** sample x **1.5** mL **4** shipments	Compatible with plasma and serum based methods/analyzers.

B-type Natriuretic peptide (BNP)	D-dimer	Troponin I
CK-MB (activity)	hsCRP	Troponin T
CK-MB (mass)	Myoglobin	
Creatine kinase (CK)	NT-proBNP	

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MONTHLY EQA

4. COAGULATION

Quantitative | **Lyophilized plasma**

PROGRAM CODE	FORMAT	COMPATIBILITY
COAG4121	**12** test events x **1** sample x **1** mL **4** shipments	Not compatible with Roche CoaguChek, Ciba Corning Biotrack, Dupont Coumatrak, ITC Hemochron Jr./Signature series, i-STAT PCA, i-STAT I, ITC Protime and whole blood methods.

Activated partial thromboplasmin time (APTT)
Antithrombin III
Fibrinogen
International Normalized Ratio (INR)
Prothrombin time (PT)
Thrombin Time

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

5. HEMATOLOGY

Quantitative | **Whole Blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
HEMA4121	**12** test events x **1** sample x **2** mL **4** shipments	Compatible with most manual, semi-automated and automated CBC methods. Not compatible with BD QBC and HemoCue WBC System/WBC DIFF System analyzers.

Hematocrit (by analyzer or spun)
Hemoglobin
Mean Corpuscular Hemoglobin (MCH)
Mean Corpuscular Hemoglobin Concentration (MCHC)
Mean Corpuscular Volume (MCV)
Platelet count
Red Blood Cell Count
Red Cell Distribution Width (RDW)
White Blood Cell Count

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MONTHLY EQA

6. SPECIFIC PROTEINS

Quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
SPRO4121	**12** test events x **1** sample x **3** mL **4** shipments	No known compatibility issues with any method or analyzer.

- Albumin
- Alpha-1-acid glycoprotein
- Alpha-1-antitrypsin
- Alpha-2-macroglobulin
- Alpha-fetoprotein
- Antistreptolysin O
- Antithrombin III
- Beta-2-microglobulin
- Ceruloplasmin
- Complement C3
- Complement C4
- C-Reactive protein
- Ferritin
- Haptoglobin
- Immunoglobulin A (IgA)
- Immunoglobulin E (IgE)
- Immunoglobulin G (IgG)
- Immunoglobulin M (IgM)
- Kappa light chain
- Lambda light chain
- Prealbumin
- Rheumatoid Factor
- Retinol binding protein
- Transferrin

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

7. TUMOR MARKERS

Quantitative | **Lyophilized serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
TUMK4121	**12** test events x **1** sample x **2** mL **4** shipments	No known compatibility issues with any method or analyzer.

- Adrenocorticotropic hormone (ACTH)
- Alpha-fetoprotein (AFP)
- Beta-2-microglobulin
- Cancer antigen 125 (CA 125)
- Cancer antigen 15-3 (CA 15-3)
- Cancer antigen 19-9 (CA 19-9)
- Cancer antigen 27.29 (CA 27.29)
- Cancer antigen 72-4 (CA 72-4)
- Carcinoembryonic antigen (CEA)
- Chromogranin A (CgA)
- Cytokeratin 19 (CYFRA 21-1)
- Ferritin
- hCG
- Neuron-specific enolase (NSE)
- Prostate-specific antigen (PSA), complex
- PSA, free
- PSA, free/total ratio
- PSA, total
- Thyroglobulin

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MONTHLY EQA

8. URINE DRUGS OF ABUSE

Qualitative and/or Quantitative | **Human urine (liquid/lyophilized)**

PROGRAM CODE	FORMAT	COMPATIBILITY
UDOA4121	**12** test events x **1** sample x **10** mL **4** shipments	No known compatibility issues with any method or analyzer.

- Alprazolam
- Amphetamine
- Amphetamines/Methamphetamines
- Barbiturates
- Benzoylecogonine
- Benzodiazepines
- Buprenorphine
- Cannabinoids
- Cocaine Derivatives
- Codeine
- Cotinine
- Delta-9-THC-COOH
- Diazepam
- EDDP
- Ethanol
- Fentanyl
- Flunitrazepam
- Lorazepam
- Lysergic acid diethylamide (LSD)
- MDA
- MDMA
- Methadone
- Methamphetamine
- Methanol
- Methaqualone
- Morphine - Total
- Morphine - Free
- Morphine-3-glucuronide
- Nortriptyline
- Opiates
- Oxycodone
- Phencyclidine
- Phenobarbital
- Propoxyphene
- Tricyclic Antidepressants

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

9. URINALYSIS

Qualitative | **Urine**

PROGRAM CODE	FORMAT	COMPATIBILITY
URIN4121	**12** test events x **1** sample x **12** mL **4** shipments	No known compatibility issues with any method or analyzer.

- Bilirubin
- Bilirubin - Confirmatory
- Glucose
- Human chorionic gonadotropin (hCG)
- Hemoglobin/Blood
- Ketones
- Leukocyte esterase
- Nitrite
- Osmolality
- pH
- Protein
- Reducing substances
- Specific gravity
- Urobilinogen

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

STANDARDIZATION PROGRAMS

Global Epidemic of Chronic Disease

Chronic diseases, rather than infectious diseases, now account for the majority of global morbidity and mortality. This change is not only evident within the developed world, but also, increasingly within developing countries. Of these diseases, cardiovascular diseases (CVDs) are the most important.

This reality represents an unprecedented public health epidemic worldwide. Not only is the world's population getting older, but it is also becoming more obese and hypertensive as more and more people adopt sedentary lifestyles and adverse diets – a clustering of facts that is contributing significantly to the increasing incidence of diabetes and chronic kidney disease (CKD) around the world.

In response, governments are searching for measures that will reduce the costs associated with the medical management of chronic disease while at the same time looking for ways to identify those at risk so that interventions may be initiated at an earlier stage in the disease process, thereby affording opportunities for prevention. Increasingly, standard requisitions and disease-specific testing algorithms are being introduced as part of broader initiatives aimed at optimizing medical treatments by aligning them with the laboratory tests that are promulgated in evidence-based treatment guidelines. This has served to highlight the impact that laboratory error and inaccurate test results can have when evidence-based medical guidelines are used on a population wide basis.

It is well recognized that CKD and diabetes have a complex inter-relationship with the etiological factors that underlie the atherosclerotic process of cardiovascular diseases. Yet a small number of routine laboratory tests figure prominently in defining the nature of this inter-relationship. They include creatinine, eGFR, hemoglobin A1c and the panel of lipid analytes. These tests are used to identify, diagnose, treat and manage patients that have, or are at risk for, CKD, diabetes and CVD. Identifying patients in early disease stages or with high risk factors provides an opportunity for early, effective, low-cost intervention that can halt or slow the progression of disease.

STANDARDIZATION PROGRAMS

Consequence of Non-Standardized Testing

Unfortunately, most laboratories worldwide have not standardized their measurement of these key tests to internationally accepted bases of accuracy. There is significant variation and error among laboratories in their test results and in the normal (reference) intervals and clinical comments they provide to doctors. Consequently, the value of these non-standardized test results for early diagnosis and treatment of these chronic diseases is severely compromised.

Since early signs of kidney disease are subtle, individuals with CKD can appear healthy. Accordingly, the vast majority of individuals worldwide with early stages of CKD go undiagnosed. Given this, the ability of doctors to diagnose early stage CKD relies almost exclusively on receiving standardized, accurate creatinine test results together with correct eGFR values. However, most laboratories worldwide have not standardized their creatinine measurements and very few report eGFR values, let alone eGFR values calculated from standardized creatinine measurements.

Until doctors receive standardized creatinine test results with correct eGFR values, their ability to diagnose early stage CKD will be compromised. This means that individuals can progress undetected from early stages of CKD to kidney failure, from which there are only two outcomes: renal replacement therapy (RRT) or premature death. RRT consists of a lifetime of dialysis or a kidney transplant. For those in the developing world, premature death is by far the most probable outcome. More than 80% of individuals receiving RRT live in the developed world as RRT is largely unavailable or unaffordable in developing countries. Moreover, the presence of CKD is also associated with a large increase in cardiovascular risk. Individuals with CKD have at least a tenfold risk of dying prematurely from CVDs regardless of whether they develop kidney failure.

The case for standardizing creatinine test results with correct eGFR values is compelling. Early detection and treatment of CKD not only slows or halts the progression of patients to end-state kidney disease, but can also significantly reduce the increased incidence of CVDs, the most common cause of premature deaths worldwide. Standardizing hemoglobin A1c can not only lead to early detection of diabetes, a main cause of both CKD and CVD but also can serve as an important yardstick in helping the diabetic and their doctor manage their disease. Standardizing lipid analytes is also important given their critical role in CVD risk assessment and management for diabetic and CKD patients, for whom dyslipidemia is prevalent.

STANDARDIZATION PROGRAMS

Turnkey Solution to Standardize Testing

The Standardization Programs are unique, turnkey and proven. They enable participants to standardize their measurements of creatinine (and to report correct eGFR values), hemoglobin A1c and the panel of lipid analytes with documented traceability to internationally accepted bases of accuracy. As well, these Programs enable participants to standardize the accompanying normal (reference) intervals and clinical comments they provide to doctors.

These Standardization Programs support both individual participants and entire networks of participants. Networks can include corporate networks, as well as regional, provincial and national networks. These Programs have been successfully implemented within a number a Canadian provinces and a number of national standardization initiatives are currently in progress. These initiatives draw upon the experience of the Collaboration Secretariat to ensure proper governance, sustainable funding and stakeholder support from laboratory, clinician and patient groups. For more information and assistance in starting a national standardization initiative in your country, please contact secretariat@oneworldaccuracy.org.

Many analytes within the Standardization Programs have target values assigned using internationally accepted Reference Methods and feature sample sets of human origin that minimize or eliminate matrix effects.

Given that these samples sets are intended to mimic patient samples, they must be tested in the same manner and timeframe as patient samples. Accordingly, all Standardization Programs have a 7 day Test Event Window. Due to the nature of these samples, extensions to Results Deadlines cannot be granted under any circumstances.

STANDARDIZATION PROGRAMS

2017 Test Event Calendar

The following Test Event Calendar applies for GFRB716. ~~Program~~ GFRB716 involves a single test event, which may be scheduled from the following test event options.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, February 08	7 days	Wednesday, February 15
2	Wednesday, May 03	7 days	Wednesday, May 10
3	Wednesday, August 16	7 days	Wednesday, August 23

The following Test Event Calendar applies for GFRM733, GFRR733, GHGB733 and LIPD733. CHOL726 has only two test events following the same opening and deadline dates as listed for Test Events 1 and 3.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 08	7 days	Wednesday, March 15
2	Wednesday, June 07	7 days	Wednesday, June 14
3	Wednesday, September 13	7 days	Wednesday, September 20

STANDARDIZATION PROGRAMS

The following Test Event Calendar applies for GFRM7123.

Test Event Options	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, January 18	7 days	Wednesday, January 25
2	Wednesday, February 15	7 days	Wednesday, February 22
3	Wednesday, March 08	7 days	Wednesday, March 15
4	Wednesday, April 12	7 days	Wednesday, April 19
5	Wednesday, May 17	7 days	Wednesday, May 24
6	Wednesday, June 14	7 days	Wednesday, June 21
7	Wednesday, July 19	7 days	Wednesday, July 26
8	Wednesday, August 16	7 days	Wednesday, August 23
9	Wednesday, September 06	7 days	Wednesday, September 13
10	Wednesday, October 18	7 days	Wednesday, October 25
11	Wednesday, November 08	7 days	Wednesday, November 15
12	Wednesday, November 29	7 days	Wednesday, December 06

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

STANDARDIZATION PROGRAMS

1. CERTIFICATION - TOTAL CHOLESTEROL

Weqas | Science architect

Quantitative | **Human serum** matrix-insensitive

PROGRAM CODE	FORMAT	COMPATIBILITY
CHOL726	**2** test events x **6** samples x **1.5** mL **2** shipments	No known compatibility issues with any method or analyzer.

This Program enables participants to document their ability to measure total cholesterol in accordance with the performance goals established by the National Cholesterol Education Program (NCEP) with traceability to the accuracy base of the Centers for Disease Control and Prevention - Cholesterol Reference Method Laboratory Network (CDC – CRMLN).

Objectives

Certification - Total Cholesterol provides participants with an assessment of total error, calibration bias and CV in measuring total cholesterol. This Program provides two certification events, each valid for six months.

Performance Goals

To meet the NCEP performance goals for the measurement of total cholesterol, a participant must operate with an absolute bias ≤ 3% and a CV ≤ 3%.

Challenge Format

Participants are provided two shipments of fresh human serum samples designed to challenge across the range of clinical interest. Samples have target values assigned by the credentialed Reference Method for total cholesterol traceable to the CDC-CRMLN accuracy base. The sample set consists of individual 1.5 mL vials of Samples A - F tested as patient specimens. Samples are tested in duplicate over 3 days:

- **Day 1** - A A | B B | C C | D D | E E | F F
- **Day 2** - A A | B B | C C | D D | E E | F F
- **Day 3** - A A | B B | C C | D D | E E | F F

Analysis

Results are submitted online, forwarded to the CDC for analysis against the NCEP performance goals and summarized in an electronic Performance Report which:

- Details total cholesterol test results versus target values.
- Reports total error, calibration bias and CV in measuring total cholesterol.
- Correlates the laboratory method with the credentialed Reference Method.
- Graphs the bias of the laboratory method relative to target values.

Certificate

Participants who measure total cholesterol within the NCEP performance goals receive a Certificate of Traceability from the CDC-CRMLN recognizing their successful completion of Certification - Total Cholesterol.

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | QC | VA

STANDARDIZATION PROGRAMS

2. eGFR BASELINE

Weqas | Science architect

Quantitative | **Human serum** matrix-insensitive

PROGRAM CODE	FORMAT	COMPATIBILITY
GFRB716	**1** test event x **6** samples x **1** mL **1** shipment	No known compatibility issues with any method or analyzer.

Objectives

eGFR Baseline includes eGFR Calculation at no charge. eGFR Baseline provides participants with:

- a baseline assessment of total error, calibration bias and CV in measuring creatinine.
- a custom Bias Correction Formula to correct any calibration bias.
- validation of their custom Bias Correction Formula for reducing creatinine measurement error.

Performance Goals

Participants are assessed on the basis of three different total error performance goals. The optimal total error performance goal is ≤ 3.5%.

Challenge Format

Participants are provided a single shipment of human serum samples designed to challenge at the clinical decision levels for diagnosis of early-stage kidney disease. Samples have target values assigned by the ID-GCMS Reference Method. The sample set consists of individual 1 mL vials of Samples A - F tested as patient specimens. Samples A - C are tested in triplicate and Samples D - F are tested once over 3 days:

- **Day 1** - A A A | B B B | C C C | D
- **Day 2** - A A A | B B B | C C C | E
- **Day 3** - A A A | B B B | C C C | F

Analysis

Results are submitted online, analyzed against the three different total error performance goals for creatinine and summarized in an electronic Performance Report which:

- Details creatinine values versus target values.
- Reports total error, calibration bias and CV in measuring creatinine.
- Correlates the laboratory method with the ID-GCMS Reference Method.
- Graphs the bias of the laboratory method relative to target values.
- Provides a custom Bias Correction Formula that can be used to correct calibration bias.
- Validates the use of this custom Bias Correction Formula in reducing measurement error for creatinine.

SUBSCRIPTION OPTIONS

Full | +RO | +SO | QC | VA

STANDARDIZATION PROGRAMS

3. eGFR CALCULATION

Quantitative | Cases

PROGRAM CODE	FORMAT	COMPATIBILITY
GFRC715	**1** test event x **5** case histories **1** shipment	No known compatibility issues with any method or analyzer.

Objectives

eGFR Calculation is included with eGFR Baseline at no charge. eGFR Calculation provides participants with an assessment of their ability to calculate corrected creatinine values using the custom Bias Correction Formula (provided with eGFR Baseline) and to report correct eGFR values using either the CKD-EPI or MDRD equation.

Challenge Format

Participants are provided five case histories, each consisting of patient information and a creatinine result. For each case history, participants are required to calculate a corrected creatinine result using the custom Bias Correction Formula, if required, and report an eGFR value using either the CKD-EPI or MDRD equation.

Analysis

Results are submitted online, analyzed against the CKD-EPI or MDRD equation. and summarized in an electronic Performance Report. This Report provides for each case history:

- The corrected creatinine value using the custom Bias Correction Formula if required.
- The correct eGFR value using either the CKD-EPI or MDRD equation.

SUBSCRIPTION OPTIONS

STANDARDIZATION PROGRAMS

4. eGFR MONITORING

Weqas | Science architect

Quantitative | **Human serum** matrix-insensitive

PROGRAM CODES	FORMAT	COMPATIBILITY
GFRM7123	**12** test events x **3** samples x **1** mL **1** shipment	No known compatibility issues with any method or analyzer.
GFRM733	**3** test events x **3** samples x **1** mL **3** shipments	
GFRR733		

Both the CKD-EPI and MDRD equations include a factor for patients of African American descent. GFRM7123 and GFRR733 are suitable for participants serving a patient population including those of African American descent. GFRM733 is best suited for participants serving a patient population which does not include those of African American descent.

Objectives

eGFR Monitoring provides participants with an on-going assessment of total error in measuring creatinine and accuracy in reporting eGFR using either the CKD-EPI or MDRD equation.

Performance Goals

Participants are assessed on the basis of three different total error performance goals. The optimal total error performance goal is ≤ 3.5%.

Challenge Format

Participants are provided with human serum samples designed to challenge at the clinical decision levels for diagnosis of early-stage kidney disease. Samples have target values assigned by the ID-GCMS Reference Method. The sample set consists of Samples A - C, each with a case history. Samples are tested as patient specimens. Participants are required to:

- Provide uncorrected creatinine values.
- If they apply any correction formula, then provide the formula and corrected creatinine values.
- Report eGFR using either the CKD-EPI or MDRD equation.

Analysis

Results are submitted online, analyzed against the three different total error performance goals for creatinine and summarized in an electronic Performance Report which:

- Details creatinine values versus target values.
- Validates the use of any applied correction formula in reducing measurement error for creatinine.
- Provides correct eGFR values using either the CKD-EPI or MDRD equation.
- Provides corrected creatinine values if a custom Bias Correction Formula is applied.

Certificate

Participants who consistently measure creatinine within the optimal total error performance goal of ≤ 3.5% and who calculate correct eGFR values for all case histories provided receive a Certificate of Performance recognizing their successful completion of eGFR Monitoring.

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

STANDARDIZATION PROGRAMS

GFRC715 | GFRM7123 | GFRM733 | GFRR733

MDRD (Modification of Diet in Renal Disease) equation:

For Creatinine reported in mg/dL:

eGFR (mL/min/1.73 m^2) = 175 x $(P_{creatinine})^{-1.154}$ x $(Age)^{-0.203}$ x (0.742 if Female) x (1.210 if African American)

For Creatinine reported in µmol/L:

eGFR (mL/min/1.73 m^2) = 30848.92 x $(P_{creatinine})^{-1.154}$ x $(Age)^{-0.203}$ x (0.742 if Female) x (1.210 if African American)

CKD-EPI (Chronic Kidney Disease Epidemiology Collaboration) equation:

For Creatinine values ≤ 0.7 mg/dL in females:

eGFR (mL/min/1.73 m^2) = 141 x $(P_{creatinine}/0.7)^{-0.329}$ x $(0.993)^{Age}$ x 1.018 x (1.159 if African American)

For Creatinine values > 0.7 mg/dL in females:

eGFR (mL/min/1.73 m^2) = 141 x $(P_{creatinine}/0.7)^{-1.209}$ x $(0.993)^{Age}$ x 1.018 x (1.159 if African American)

For Creatinine values ≤ 0.9 mg/dL in males:

eGFR (mL/min/1.73 m^2) = 141 x $(P_{creatinine}/0.9)^{-0.411}$ x $(0.993)^{Age}$ x (1.159 if African American)

For Creatinine values > 0.9 mg/dL in males:

eGFR (mL/min/1.73 m^2) = 141 x $(P_{creatinine}/0.9)^{-1.209}$ x $(0.993)^{Age}$ x (1.159 if African American)

For Creatinine values ≤ 62 µmol/L in females:

eGFR (mL/min/1.73 m^2) = 141 x $(P_{creatinine}/62)^{-0.329}$ x $(0.993)^{Age}$ x 1.018 x (1.159 if African American)

For Creatinine values > 62 µmol/L in females:

eGFR (mL/min/1.73 m^2) = 141 x $(P_{creatinine}/62)^{-1.209}$ x $(0.993)^{Age}$ x 1.018 x (1.159 if African American)

For Creatinine values ≤ 80 µmol/L in males:

eGFR (mL/min/1.73 m^2) = 141 x $(P_{creatinine}/80)^{-0.411}$ x $(0.993)^{Age}$ x (1.159 if African American)

For Creatinine values > 80 µmol/L in males:

eGFR (mL/min/1.73 m^2) = 141 x $(P_{creatinine}/80)^{-1.209}$ x $(0.993)^{Age}$ x (1.159 if African American)

STANDARDIZATION PROGRAMS

5. HEMOGLOBIN A1c MONITORING

Quantitative | **Lyophilized blood** matrix-insensitive

PROGRAM CODE	FORMAT	COMPATIBILITY
GHGB733	**3** test events x **3** samples x **0.2** mL **3** shipments	**Not compatible** with Ortho Vitros, Nycocard, Thermo Clinical Laboratories Konelab, all POCT instruments that work on fresh whole blood.

Hemoglobin A_{1C}

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

6. LIPIDS MONITORING

Weqas | Science architect

Quantitative | **Human serum** matrix-insensitive

PROGRAM CODE	FORMAT	COMPATIBILITY
LIPD733	**3** test events x **3** samples x **1.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

Apolipoprotein A1
Apolipoprotein B
Cholesterol, total
HDL cholesterol
LDL cholesterol
Lipoprotein (a) (Lp(a))
Triglycerides

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

CHEMISTRY EQA

2017 Test Event Calendar

The following Test Event Calendar applies for CHEM433, NEOB435 and THDM433.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 08	7 days	Wednesday, March 15
2	Wednesday, June 07	7 days	Wednesday, June 14
3	Wednesday, September 13	7 days	Wednesday, September 20

The following Test Event Calendar applies to all other 3 test event Programs in this section.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

The following Test Event Calendar applies for BCHE443, CCHM443, ENDO443, SPRO442, TOXI443, TUMK443, UDOA443.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08
4	Wednesday, November 22	21 days	Wednesday, December 13

CHEMISTRY EQA

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

MO

Monthly

Monthly formats for certain Programs in this section are available. See Monthly EQA section.

CHEMISTRY EQA

1. ALCOHOL

Quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
ALCH435	**3** test events x **5** samples x **2** mL **3** shipments	No known compatibility issues with any method or analyzer.

Acetone Ethanol

SUBSCRIPTION OPTIONS

Full +RO **+5 RO FREE** +SO OC VA

2. AMMONIA

Quantitative | **Aqueous solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
AMMN432	**3** test events x **2** samples x **2** mL **3** shipments	No known compatibility issues with any method or analyzer.

Ammonia

SUBSCRIPTION OPTIONS

Full +RO **+5 RO FREE** +SO OC VA

CHEMISTRY EQA

3. CHEMISTRY/IMMUNOASSAY

Quantitative | **Lyophilized serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
BCHE435	**3** test events x **5** samples x **5** mL **3** shipments	**Not compatible** with Abbott Vision analyzers using whole blood for HDL cholesterol.
BCHE433	**3** test events x **3** samples x **5** mL **3** shipments	
BCHE443	**4** test events x **3** samples x **5** mL **3** shipments	

Chemistry
Acid phosphatase, non-prostatic
Acid phosphatase, prostatic
Acid phosphatase, total
Alanine aminotransferase (ALT/SGPT)
Albumin
Aldolase
Alkaline phosphatase (ALP)
Amylase, total
Amylase, pancreatic
Aspartate aminotransferase (AST/SGOT)
Beta-2 Microglobulin
Bile acids
Bilirubin, direct
Bilirubin, total
Calcium – ionized
Calcium, total
Chloride
Cholinesterase
CO2, total
Copper
Creatine kinase (CK), total
Creatinine
Ferritin
Gamma-glutamyltransferase (GGT)
Glucose
Glutamate dehydrogenase
Homocysteine
Hydroxybutyrate dehydrogenase
Iron
Iron, total binding capacity (TIBC)
Lactate
Lactate dehydrogenase (LDH)
Lipase
Magnesium
Osmolality
Phosphate, inorganic
Phenylalanine
Potassium
Protein, total
Sodium
Transferrin
Urea/Urea nitrogen
Uric acid
Vitamin D – 25-Hydroxy
Zinc

Lipids
Cholesterol, HDL
Cholesterol, LDL
Cholesterol, total
Triglycerides

Immunoassay
17-Hydroxyprogesterone
Aldosterone
Alpha-fetoprotein (AFP)
Androstenedione
Carcinoembryonic antigen (CEA)
Cortisol
DHEA Sulphate
Estradiol
Estriol, unconjugated
Folate
Follicle stimulating hormone (FSH)
Fructosamine
Growth Hormone
Human chorionic gonadotropin (hCG)
Immunoglobulin E
Insulin
Luteinizing hormone (LH)
Progesterone
Prolactin
Prostate-specific antigen, total (PSA)
Sex Hormone Binding Globulin
Testosterone
Thyroglobulin
Thyroid stimulating hormone (TSH)
Thyroxine, free (FT4)
Thyroxine, total (T4)
Triiodothyronine, free (FT3)
Triiodothyronine, total (T3)
T-uptake
Vitamin B12

Therapeutic Drugs
Acetaminophen
Amikacin
Carbamazepine
Digoxin
Ethosuximide
Gentamicin
Lidocaine
Lithium
N-acetylprocainamide (NAPA)
Phenobarbital
Phenytoin
Primidone
Procainamide
Quinidine
Salicylate
Theophylline
Tobramycin
Valproic Acid
Vancomycin

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MO A monthly format of this Program is available. See Monthly EQA section.

CHEMISTRY EQA

4. BLOOD GAS / ELECTROLYTES

Quantitative | **Aqueous solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
BGAS435	**3** test events x **5** samples x **2.5** mL **3** shipments	No known compatibility issues with any method or analyzer.
BGAS432 **for waived testing methods only**	**3** test events x **2** samples x **2.5** mL **3** shipments	

Calcium, ionized	Lithium	Potassium
Chloride	Magnesium, ionized	Sodium
Creatinine	pCO2	Urea
Glucose	pH	
Lactate	pO2	

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

MO A monthly format of this Program is available. See Monthly EQA section.

Report only subscriptions are not suitable for this program as blood gases dissipate rapidly after samples are opened.

5. CARDIAC MARKERS

Quantitative and/or qualitative | **Liquid plasma/serum matrix**

PROGRAM CODE	FORMAT	COMPATIBILITY
CARM435	**3** test event x **5** samples x **1.5** mL **3** shipments	Compatible with plasma and serum based methods/analyzers.
CARM432 **for waived testing methods only**	**3** test events x **2** sample x **1.5** mL **3** shipments	

B-type Natriuretic peptide (BNP)	D-dimer	Troponin I
CK-MB (activity)	hsCRP	Troponin T
CK-MB (mass)	Myoglobin	
Creatine Kinase	NT-proBNP	

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MO A monthly format of this Program is available. See Monthly EQA section.

CHEMISTRY EQA

6. CLINICAL CHEMISTRY

Quantitative | **Lyophilized Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
CCHM435	**3** test events x **5** samples x **5** mL **3** shipments	**Not compatible** with Abbott Vision analyzers using whole blood for HDL cholesterol.
CCHM432 for waived testing methods only	**3** test events x **2** samples x **5** mL **3** shipments	
CCHM443	**4** test events x **3** samples x **5** mL **3** shipments	

Acid phosphatase, total
Alanine aminotransferase (ALT/SGPT)
Albumin
Alkaline phosphatase
Amylase
Amylase - Pancreatic
Aspartate aminotransferase (AST/SGOT)
Bilirubin, direct
Bilirubin, total
Calcium
Chloride
Cholesterol, HDL
Cholesterol, LDL
Cholesterol, total
Cholinesterase
CO2, total
Creatinine kinase (CK)
Creatinine
Ferritin
Gamma-glutamyltransferase (GGT)
Glucose
Iron
Iron, total binding capacity (TIBC)
Lactate
Lactate dehydrogenase (LD)
Lipase
Magnesium
Osmolality
Phosphorus
Potassium
Protein, total
Sodium
Triglycerides
Urea/Urea nitrogen
Uric acid

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

CHEMISTRY EQA

7. ROUTINE CHEMISTRY

Weqas | Science architect

Quantitative | **Human serum** matrix-insensitive

This Program features samples of human origin intended to minimize or eliminate matrix effects.
Analytes with target values assigned by reference methods are identified with this icon: ☼
This Program has a 7 day Test Event Window due to the nature of its samples.
Extensions to Results Deadlines cannot be granted under any circumstances.

PROGRAM CODE	FORMAT	COMPATIBILITY
CHEM433	**3** test events x **3** samples x **3.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

Alanine aminotransferase (ALT/SGPT) ☼
Albumin
Alkaline phosphatase (ALP)
Amylase
Amylase, pancreatic
Aspartate aminotransferase (AST/SGOT) ☼
Calcium ☼
Chloride
CO2 , total
Creatine kinase (CK)
Creatinine ☼
Ferritin
Gamma-glutamyltransferase (GGT) ☼
Glucose ☼
Iron
Iron, total binding capacity (TIBC)
Iron, unsaturated binding capacity
Lactate dehydrogenase (LD)
Lipase
Lithium ☼
Magnesium ☼
Osmolality
Phosphorus
Potassium ☼
Protein, total
Sodium ☼
Transferrin
Urea/Urea nitrogen
Uric acid ☼

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

8. CO-OXIMETRY

Quantitative | **Lyophilized Hb solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
COHB435	**3** test events x **5** samples x **2** mL **3** shipments	**Not compatible** with Abbott i-STAT or AVL OPTI CCA.
COHB432 **for waived testing methods only**	**3** test events x **2** samples x **2** mL **3** shipments	

Carboxyhemoglobin
Hemoglobin - Total
Methemoglobin
Oxyhemoglobin

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

CHEMISTRY EQA

9. CEREBROSPINAL FLUID CHEMISTRY

Quantitative | **Simulated CSF**

PROGRAM CODE	FORMAT	COMPATIBILITY
CSFT432	**3** test events x **2** samples x **2** mL **3** shipments	No known compatibility issues with any method or analyzer.

Albumin
Chloride
Glucose
Immunoglobulin G (IgG)
Lactate
Lactate dehydrogenase (LD)
Potassium
Protein, total
Sodium

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

10. ENDOCRINOLOGY

Quantitative | **Lyophilized Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
ENDO435	**3** test events x **5** samples x **5** mL **3** shipments	No known compatibility issues with any method or analyzer.
ENDO432 **for waived testing methods only**	**3** test events x **2** samples x **5** mL **3** shipments	
ENDO443	**4** test events x 3 samples x **5** mL **3** shipments	

17-Hydroxyprogesterone
Aldosterone
Alpha-fetoprotein (AFP)
Androstenedione
Cortisol
DHEA Sulphate
Estradiol
Estriol, unconjugated
Follicle Stimulating Hormone
Fructosamine
Growth Hormone
Human chorionic gonadotropin (hCG)
Insulin
Luteinizing Hormone
Progesterone
Prolactin
Sex Hormone Binding Globulin
Testosterone
Thyroglobulin
Thyroid stimulating hormone (TSH)
Thyroxine (T4)
Thyroxine, free (FT4)
Triiodothyronine (T3)
Triiodothyronine, free (FT3)
T-uptake

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

CHEMISTRY EQA

11. FETAL FIBRONECTIN

Qualitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
FFIB432	**3** test events x **2** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.

Fetal fibronectin

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

12. BODY FLUID CHEMISTRY

Quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
FLCH433	**3** test events x **3** samples x **3** mL **3** shipments	No known compatibility issues with any method or analyzer.

Albumin
Amylase
Cholesterol, total
Creatinine
Glucose
Lactate dehydrogenase (LD)
pH
Protein, total
Triglycerides

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

13. OCCULT BLOOD

Qualitative and/or quantitative | **Aqueous Solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
FOBD432	**3** test events x **2** samples x **1.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

Occult blood

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

CHEMISTRY EQA

14. BASIC GLYCATED HEMOGLOBIN

Quantitative | **Stabilized whole blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
GLHB432	**3** test events x **2** samples x **0.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

Hemoglobin A1c

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

15. GASTRIC OCCULT BLOOD

Qualitative and/or quantitative | **Aqueous solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
GOBD432	**3** test events x **2** samples x **2** mL **3** shipments	No known compatibility issues with any method or analyzer.

Occult blood pH

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

CHEMISTRY EQA

16. i-STAT BLOOD GAS/ELECTROLYTES/HEMATOCRIT

Quantitative | **Aqueous solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
IBGH435	**3** test events x **5** samples x **2.5** mL **3** shipments	Compatible with i-STAT analyzers ***only***.
IBGH432 **for waived testing methods only**	**3** test events x **2** samples x **2.5** mL **3** shipments	

Calcium-ionized
Chloride
Creatinine
CO2 Total
Glucose
Hematocrit
Hemoglobin - Calculated
Lactate
pCO2
pH
pO2
Potassium
Sodium
Urea nitrogen

SUBSCRIPTION OPTIONS

Full | ~~+RO~~ | +SO | OC | VA

Report only subscriptions are not suitable for this program as blood gases dissipate rapidly after samples are opened.

17. KETONES

Qualitative and/or quantitative | **Aqueous Solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
KETN432	**3** test events x **2** samples x **2** mL **3** shipments	**Not compatible** with Abbott MediSense Optium.

Beta-hydroxybutyric acid
Ketones

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

CHEMISTRY EQA

18. NEONATAL BILIRUBIN

Weqas | Science architect

Quantitative | **Human serum** matrix-insensitive

This Program features samples of human origin intended to minimize or eliminate matrix effects.
Analytes with target values assigned by reference methods are identified with this icon: ⌖
This Program has a 7 day Test Event Window due to the nature of its samples.
Extensions to Results Deadlines cannot be granted under any circumstances.

PROGRAM CODE	FORMAT	COMPATIBILITY
NEOB435	**3** test events x **5** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.

Bilirubin, direct
Bilirubin, total ⌖

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

19. NITRAZINE

Qualitative | **Liquid**

PROGRAM CODE	FORMAT	COMPATIBILITY
NITZ431	**3** test events x **1** sample x **2** mL **3** shipments	No known compatibility issues with any method or analyzer.

Nitrazine

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

20. SERUM PROTEIN ELECTROPHORESIS

Qualitative and Quantitative | **Liquid human serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
PREL431	**3** test events x **1** sample x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.

Albumin
Alpha 1 globulin
Alpha 2 globulin
Beta 1 globulin
Beta 2 globulin
Beta globulin
Gamma globulin
Immunoglobulin A
Immunoglobulin G
Immunoglobulin M
Light Kappa Chain - Free
Light Lambda Chain - Free
M Protein / Paraprotein
M Protein and Paraprotein Identification
Protein Electrophoresis Interpretation
Protein - Total

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

CHEMISTRY EQA

21. HUMAN CHORIONIC GONADOTROPIN

Qualitative and/or quantitative | Serum

PROGRAM CODE	FORMAT	COMPATIBILITY
SHCG435	**3** test events x **5** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.
SHCG432 **for waived testing methods only**	**3** test events x **2** samples x **1** mL **3** shipments	

Human chorionic gonadotropin (hCG)

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

22. SPECIAL CHEMISTRY

Quantitative | Serum

PROGRAM CODE	FORMAT	COMPATIBILITY
SPCH432	**3** test events x **2** samples x **5** mL **3** shipments	No known compatibility issues with any method or analyzer.

Acid phosphatase, prostatic
Carcinoembryonic antigen (CEA)
DHEA-sulphate
Estradiol
Estriol, total
Estriol, unconjugated
Ferritin
Folate
Follicle stimulating hormone (FSH)
Homocysteine
Luteinizing hormone (LH)
Prealbumin
Progesterone
Prolactin
Prostate-specific antigen (PSA), total
Testosterone
Transferrin
Vitamin B12

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

CHEMISTRY EQA

23. SPECIAL IMMUNOASSAY

Quantitative | **Lyophilized serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
SPIM432	**3** test events x **2** samples x **2** mL **3** shipments	No known compatibility issues with any method or analyzer.

C-peptide
Calcitonin
Insulin
Osteocalcin
Parathyroid hormone
Vitamin D, 25-Hydroxy

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

24. SPECIFIC PROTEINS

Quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
SPRO435	**3** test events x **5** samples x **3** mL **3** shipments	No known compatibility issues with any method or analyzer.
SPRO442	**4** test events x **2** samples x **3** mL **3** shipments	

Albumin
Alpha-1-acid glycoprotein
Alpha-1-antitrypsin
Alpha-2-macroglobulin
Alpha-fetoprotein
Antistreptolysin O
Antithrombin III
Beta-2-microglobulin
Ceruloplasmin
Complement C3
Complement C4
C-Reactive protein
Ferritin
Haptoglobin
Immunoglobulin A (IgA)
Immunoglobulin E (IgE)
Immunoglobulin G (IgG)
Immunoglobulin M (IgM)
Kappa light chain
Lambda light chain
Prealbumin
Rheumatoid Factor
Retinol binding protein
Transferrin

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MO A monthly format of this Program is available. See Monthly EQA section.

CHEMISTRY EQA

25. SPECIAL URINE CHEMISTRY

Quantitative | **Lyophilized human urine**

PROGRAM CODE	FORMAT	COMPATIBILITY
SPUC432	**3** test events x **2** samples x **20** mL **3** shipments	No known compatibility issues with any method or analyzer.

17-Hydroxycorticosteroids
17-Ketogenic steroids
3-Methoxytyramines
5-Hydroxyindoleacetic acid
Aldosterone
Catecholamines, free
Coproporphyrins
Cortisol, free
Dopamine
Epinephrine
Homovanillic acid
Metanephrine
Norepinephrine
Normetanephrine
Uroporphyrin
Vanillylmandelic acid

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

26. IMMUNOSUPPRESSANTS

Quantitative | **Lyophilized whole blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
SUPR432	**3** test events x **2** samples x **3** mL **3** shipments	No known compatibility issues with any method or analyzer.

Cyclosporine
Everolimus
Sirolimus
Tacrolimus

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

27. SWEAT TESTING

Quantitative | **Aqueous solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
SWEA433	**3** test events x **3** samples x **3** mL **3** shipments	No known compatibility issues with any method or analyzer.

Chloride
Conductivity
Osmolality
Sodium

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

CHEMISTRY EQA

28. THERAPEUTIC DRUG MONITORING

Weqas | Science architect

Quantitative | **Human Serum** | matrix-insensitive

This Program features samples of human origin intended to minimize or eliminate matrix effects.
Analytes with target values assigned by reference methods are identified with this icon: ✿
This Program has a 7 day Test Event Window due to the nature of its samples.
Extensions to Results Deadlines cannot be granted under any circumstances.

PROGRAM CODE	FORMAT	COMPATIBILITY
THDM433	**3** test events x **3** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.

Amikacin
Carbamazepine ✿
Digoxin
Gentamicin ✿
Lamotrigine
Lithium ✿
Methotrexate
Phenobarbital
Phenytoin ✿
Teicoplanin
Theophylline ✿
Tobramycin
Valproic acid
Vancomycin ✿

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

29. PHARMACOLOGY

Quantitative | **Lyophilized serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
TOXI435	**3** test events x **5** samples x **5** mL **3** shipments	No known compatibility issues with any method or analyzer.
TOXI432 **for waived testing methods only**	**3** test events x **2** samples x **5** mL **3** shipments	
TOXI443	**4** test events x **3** samples x **5** mL **3** shipments	

Acetaminophen
Amikacin
Carbamazepine
Digoxin
Ethosuximide
Gentamicin
Lidocaine
Lithium
N-acetyl procainamide
Phenobarbital
Phenylalanine
Phenytoin
Primidone
Procainamide
Quinidine
Salicylates
Theophylline
Tobramycin
Valproic acid
Vancomycin

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

CHEMISTRY EQA

30. TOTAL PROTEIN

Quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
TPRO435	**3** test events x **5** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.

Protein, total

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

31. TRACE ELEMENTS - BLOOD

Quantitative | **Lyophilized whole blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
TRBD432	**3** test events x **2** samples x **3** mL **3** shipments	No known compatibility issues with any method or analyzer.

Arsenic
Cadmium
Chromium
Lead
Manganese
Mercury
Selenium
Thallium

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

32. TRACE ELEMENTS - SERUM

Quantitative | **Lyophilized serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
TRSE432	**3** test events x **2** samples x **5** mL **3** shipments	No known compatibility issues with any method or analyzer.

Aluminium
Cadmium
Calcium
Chromium
Copper
Iron
Magnesium
Manganese
Nickel
Selenium
Silver
Zinc

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

CHEMISTRY EQA

33. TRACE ELEMENTS - URINE

Quantitative | Lyophilized urine

PROGRAM CODE	FORMAT	COMPATIBILITY
TRUR432	**3** test events x **2** samples x **5** mL **3** shipments	No known compatibility issues with any method or analyzer.

Aluminium
Arsenic
Cadmium
Calcium
Chromium
Cobalt
Copper
Creatinine
Fluoride
Iron
Lead
Manganese
Mercury
Molybdenum
Nickel
Selenium
Vanadium
Zinc

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

34. TUMOR MARKERS

Quantitative | Lyophilized serum

PROGRAM CODE	FORMAT	COMPATIBILITY
TUMK432	**3** test events x **2** samples x **2** mL **3** shipments	No known compatibility issues with any method or analyzer.
TUMK443	**4** test events x **3** samples x **2** mL **3** shipments	

Adrenocorticotropic hormone (ACTH)
Alpha-fetoprotein (AFP)
Beta-2-microglobulin
Cancer antigen 125 (CA 125)
Cancer antigen 15-3 (CA 15-3)
Cancer antigen 19-9 (CA 19-9)
Cancer antigen 27.29 (CA 27.29)
Cancer antigen 72-4 (CA 72-4)
Carcinoembryonic antigen (CEA)
Chromogranin A (CgA)
Cytokeratin 19 (CYFRA 21-1)
Ferritin
hCG
Neuron-specific enolase (NSE)
Prostate-specific antigen (PSA), complex
PSA, free
PSA, free/total ratio
PSA, total
Thyroglobulin

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

MO A monthly format of this Program is available. See Monthly EQA section.

CHEMISTRY EQA

35. URINALYSIS AND SEDIMENT

*New program

Qualitative and/or Quantitative | Urine and online digital photos

PROGRAM CODE	FORMAT	COMPATIBILITY
UASE432	**3** test events x **2** samples x **12** ml + **2** online images **3** shipments	No known compatibility issues with any method or analyzer.

Bilirubin
Bilirubin - Confirmatory
Glucose
Human chorionic gonadotropin (hCG)
Hemoglobin/Blood
Ketones
Leukocyte esterase
Nitrite
Osmolality
pH
Protein
Reducing substances
Specific gravity
Urobilinogen
Urine sediment

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

36. URINE DRUGS OF ABUSE

Qualitative and/or Quantitative | Human urine (liquid/lyophilized)

PROGRAM CODE	FORMAT	COMPATIBILITY
UDOA432	**3** test events x **2** samples x **10** mL **3** shipments	No known compatibility issues with any method or analyzer.
UDOA443	**4** test events x **3** samples x **10** mL **3** shipments	

Alprazolam
Amphetamine
Amphetamines/Methamphetamines
Barbiturates
Benzoylecogonine
Benzodiazepines
Buprenorphine
Cannabinoids
Cocaine Derivatives
Codeine
Cotinine
Delta-9-THC-COOH
Diazepam
EDDP
Ethanol
Fentanyl
Flunitrazepam
Lorazepam
Lysergic acid diethylamide (LSD)
MDA
MDMA
Methadone
Methamphetamine
Methanol
Methaqualone
Morphine - Total
Morphine - Free
Morphine-3-glucuronide
Nortriptyline
Opiates
Oxycodone
Phencyclidine
Phenobarbital
Propoxyphene
Tricyclic Antidepressants

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

MO A monthly format of this Program is available. See Monthly EQA section.

CHEMISTRY EQA

37. URINE hCG

Qualitative | Urine

PROGRAM CODE	FORMAT	COMPATIBILITY
UHCG435	**3** test events x **5** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.
UHCG432 for waived testing methods only	**3** test events x **2** samples x **1** mL **3** shipments	

Human chorionic gonadotropin (hCG)

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

38. URINE CHEMISTRY

Quantitative | Urine

PROGRAM CODE	FORMAT	COMPATIBILITY
URCH432	**3** test events x **2** samples x **10** mL **3** shipments	No known compatibility issues with any method or analyzer.

Albumin
Amylase
Calcium
Chloride
Creatinine
Glucose
Magnesium
Osmolality
Phosphorus
Potassium
Protein, total
Sodium
Urea/Urea nitrogen
Uric acid

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

CHEMISTRY EQA

39. URINALYSIS

Qualitative and/or quantitative | **Urine**

PROGRAM CODE	FORMAT	COMPATIBILITY
URIN432	**3** test events x **2** samples x **12** mL **3** shipments	No known compatibility issues with any method or analyzer.

Bilirubin
Bilirubin - Confirmatory
Glucose
Human chorionic gonadotropin (hCG)
Hemoglobin/Blood
Ketones
Leukocyte esterase
Nitrite
Osmolality
pH
Protein
Reducing substances
Specific gravity
Urobilinogen

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

MO A monthly format of this Program is available. See Monthly EQA section.

40. URINE MICROALBUMIN

Qualitative and/or quantitative | **Urine**

PROGRAM CODE	FORMAT	COMPATIBILITY
URMA432	**3** test events x **2** samples x **3** mL **3** shipments	No known compatibility issues with any method or analyzer.

Albumin / creatinine ratio
Creatinine
Microalbumin

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

41. URINE SEDIMENT

Qualitative | **Photo and online digital image**

PROGRAM CODE	FORMAT	COMPATIBILITY
USED432	**3** test events x **2** photos **3** shipments	Each photo / image comes with a case study. Your results are compared to those of Advisory Committee.

Urine sediment

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

CHEMISTRY EQA

42. WHOLE BLOOD GLUCOSE

Quantitative | Whole blood

PROGRAM CODE	FORMAT	COMPATIBILITY
WGLU435	**3** test events x **5** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.
WGLU432 for waived testing methods only	**3** test events x **2** samples x **1** mL **3** shipments	

Whole blood glucose

SUBSCRIPTION OPTIONS

Full | +RO +19 RO FREE | +SO | OC | VA

43. WHOLE BLOOD HEMOGLOBIN

Quantitative | Whole blood

PROGRAM CODE	FORMAT	COMPATIBILITY
WHGN435	**3** test events x **5** samples x **1** mL **3** shipments	**Not compatible** with HemoCue Plasma Low/Hb, Donor Hb Checker or Hb 301 Photometers.
WHGN432 for waived testing methods only	**3** test events x **2** samples x **1** mL **3** shipments	

Hemoglobin

SUBSCRIPTION OPTIONS

Full | +RO +19 RO FREE | +SO | OC | VA

POINT OF CARE EQA

2017 Test Event Calendar

The following Test Event Calendar applies for all Programs in this section.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

MO — Monthly

Monthly formats for certain Programs in this section are available. See Monthly EQA section.

POINT OF CARE EQA

1. BLOOD GAS/ELECTROLYTES

Quantitative | **Aqueous solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
BGAS432 for waived testing methods only	**3** test events x **2** samples x **2.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

Calcium, ionized	Lithium	Potassium
Chloride	Magnesium, ionized	Sodium
Creatinine	pCO2	Urea
Glucose	pH	
Lactate	pO2	

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

MO A monthly format of this Program is available. See Monthly EQA section.

Report only subscriptions are not suitable for this program as blood gases dissipate rapidly after samples are opened.

2. CARDIAC MARKERS

Quantitative and/or Qualitative | **Liquid plasma/serum matrix**

PROGRAM CODE	FORMAT	COMPATIBILITY
CARM432 for waived testing methods only	**3** test events x **2** sample x **1.5** mL **3** shipments	Compatible with plasma and serum based methods/analyzers.

B-type Natriuretic peptide (BNP)	D-dimer	Troponin I
Creatine Kinase (CK)	hsCRP	Troponin T
CK-MB activity	Myoglobin	
CK-MB mass	NT-proBNP	

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MO A monthly format of this Program is available. See Monthly EQA section.

POINT OF CARE EQA

3. CLINICAL CHEMISTRY

Quantitative | **Lyophilized serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
CCHM432 for waived testing methods only	**3** test events x **2** samples x **5** mL **3** shipments	**Not compatible** with Abbott Vision analyzers using whole blood for HDL cholesterol.

Acid Phosphatase
Alanine aminotransferase (ALT/SGPT)
Albumin
Alkaline phosphatase
Amylase
Amylase - Pancreatic
Aspartate aminotransferase (AST/SGOT)
Bilirubin, direct
Bilirubin, total
Calcium
Chloride
Cholesterol, total
Cholinesterase
CO2, total
Creatine kinase (CK)
Creatinine
Ferritin
Gamma-glutamyltransferase (GGT)
Glucose
HDL cholesterol
Iron
Iron, total binding capacity (TIBC)
Lactate
Lactate dehydrogenase (LD)
LDL cholesterol
Lipase
Magnesium
Osmolality
Phosphorus
Potassium
Protein, total
Sodium
Triglycerides
Urea nitrogen
Uric acid

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

4. CO-OXIMETRY

Quantitative | **Lyophilized Hb solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
COHB432 for waived testing methods only	**3** test events x **2** samples x **2.0** mL **3** shipments	**Not compatible** with Abbott i-STAT or AVL OPTI CCA.

Carboxyhemoglobin
Hemoglobin - Total
Methemoglobin
Oxyhemoglobin

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

POINT OF CARE EQA

5. DRIED TUBE SAMPLE HIV-1 VIRAL LOAD

NRL Science of Quality | Science architect

Quantitative | **Dried human plasma/serum matrix**

This program is optimised for Point of Care assays.

PROGRAM CODE	FORMAT	COMPATIBILITY
DTSI435	**3** test events x **5** samples **3** shipments	Not compatible with the Cavidi ExaVir Load Version 3.0 kit.

HIV-1 RNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

6. i-STAT BLOOD GAS/ELECTROLYTES/HEMATOCRIT

Quantitative | **Aqueous solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
IBGH432 **for waived testing methods only**	**3** test events x **2** samples x **2.5** mL **3** shipments	Compatible with i-STAT analyzers ***only***.

Calcium-ionized	Hematocrit	pO2
Chloride	Hemoglobin - Calculated	Potassium
Creatinine	Lactate	Sodium
CO2 Total	pCO2	Urea nitrogen
Glucose	pH	

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

Report only subscriptions are not suitable for this program as blood gases dissipate rapidly after samples are opened.

7. NITRAZINE

Qualitative | **Liquid**

PROGRAM CODE	FORMAT	COMPATIBILITY
NITZ431	**3** test events x **1** sample x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.

Nitrazine

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

POINT OF CARE EQA

8. PLASMA PROTHROMBIN TIME XS POC

Quantitative | **Lyophilized Plasma**

PROGRAM CODE	FORMAT	COMPATIBILITY
PLPX431	**3** test events x **1** sample x **0.3** mL **3** shipments	Compatible with Roche CoaguChek XS, CoaguChek XS Plus & CoaguChek XS Pro analyzers ***only.***

International Normalized Ratio (INR)

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

9. URINE DRUGS OF ABUSE

Qualitative and/or quantitative | **Human urine**

PROGRAM CODE	FORMAT	COMPATIBILITY
UDOA432	**3** test events x **2** samples x **10** mL **3** shipments	Compatible with all analyzers and methods requiring 10 mL or less of sample. Participants requiring greater than 10mL sample volume must order additional Sample-only subscriptions as necessary.

Alprazolam
Amphetamine
Amphetamines/Methamphetamines
Barbiturates
Benzodiazepines
Benzoylecogonine
Buprenorphine
Cannabinoid
Cocaine Derivatives
Codeine
Cotinine
Delta-9-THC-COOH
Diazepam
EDDP
Ethanol
Fentanyl
Flunitrazepam
Lorazepam
Lysergic acid diethylamide (LSD)
MDA
MDMA
Methadone
Methamphetamine
Methanol
Methaqualone
Morphine - Total
Morphine - Free
Morphine-3-glucuronide
Nortriptyline
Opiates
Oxycodone
Phencyclidine
Phenobarbital
Propoxyphene
Tricyclic Antidepressants

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MO A monthly format of this Program is available. See Monthly EQA section.

POINT OF CARE EQA

10. URINALYSIS

Qualitative and/or quantitative | **Urine**

PROGRAM CODE	FORMAT	COMPATIBILITY
URIN432	**3** test events x **2** samples x **12** mL **3** shipments	No known compatibility issues with any method or analyzer.

Bilirubin
Bilirubin - Confirmatory
Glucose
Hemoglobin / Blood
Human chorionic gonadotropin (hCG)
Ketones
Leukocyte esterase
Nitrite
Osmolality
pH
Protein
Reducing substances
Specific gravity
Urobilinogen

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MO A monthly format of this Program is available. See Monthly EQA section.

11. WHOLE BLOOD GLUCOSE

Quantitative | **Whole blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
WGLU432 **for waived testing methods only**	**3** test events x **2** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.

Whole blood glucose

SUBSCRIPTION OPTIONS

Full | +RO **+19 RO FREE** | +SO | OC | VA

12. WHOLE BLOOD HEMOGLOBIN

Quantitative | **Whole blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
WHGN432 **for waived testing methods only**	**3** test events x **2** samples x **1** mL **3** shipments	**Not compatible** with HemoCue Plasma Low/Hb, Donor Hb Checker or Hb 301Photometers.

Hemoglobin

SUBSCRIPTION OPTIONS

Full | +RO **+19 RO FREE** | +SO | OC | VA

HEMATOLOGY EQA

2017 Test Event Calendar

The following Test Event Calendar applies for all 3 test event Programs in this section.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

MO

Monthly

Monthly formats for certain Programs in this section are available. See Monthly EQA section.

HEMATOLOGY EQA

1. BODY FLUIDS

Qualitative and/or quantitative | **Protein solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
BFLD432	**3** test events x **2** samples x **2** mL **3** shipments	Compatible with all hemocytometers. Not compatible with automated methods.

Red blood cell count

White blood cell count

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

2. CELL MORPHOLOGY

Qualitative | **Photo and online digital image**

PROGRAM CODE	FORMAT	COMPATIBILITY
CELL435	**3** test events x **5** photos **3** shipments	Each photo / image comes with a case study and relevant laboratory data.

Cell morphology

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

3. ERYTHROCYTE SEDIMENTATION RATE

Quantitative | **Whole blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
ERSR432	**3** test events x **2** samples x **6** mL **3** shipments	**Not compatible** with HemaTechnologies ESR STAT PLUS, ESR STAT 80 and all Alifax ESR platforms.

Erythrocyte sedimentation rate (ESR)

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

HEMATOLOGY EQA

4. ERYTHROCYTE SEDIMENTATION RATE FOR ALIFAX

Quantitative | **Synthetic latex solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
ESRA433	**3** test events x **3** samples x **3** mL **3** shipments	Compatible ***only*** with Alifax Test 1, Microtest 1, Roller 10, Roller 20, Jo-Plus.

Erythrocyte sedimentation rate (ESR)

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

5. FLOW CYTOMETRY PROGENITOR CELLS

Quantitative | **Simulated whole blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
FLPG432	**3** test events x **2** samples x **1.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

CD34+ White blood cell count

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

6. FETAL RBC AND F CELL DETECTION

Qualitative and/or quantitative | **Stabilized RBC**

PROGRAM CODE	FORMAT	COMPATIBILITY
FRBC432	**3** test events x **2** samples x **1.5** mL **3** shipments	Please see the compatibility details below.

F cell value - compatible with flow cytometry methods.
Hemoglobin F (Qualitative) - compatible with E-rosette testing for D (Rho) fetal red blood cells in the maternal circulation.
Hemoglobin F (Quantitative) - compatible with Kleihauer-Betke and flow cytometry methods.

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

HEMATOLOGY EQA

7. HEMATOLOGY 5-PART DIFFERENTIAL

Quantitative | **Whole blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
HEFA435	**3** test events x **5** samples x **3** mL **3** shipments	Compatible with B&E Scientific Hemax 530; Coulter STKS, MAXM, HmX, LH series, VCS, GENS, UniCel DxH 600/800 and Radim SEAC Genius analyzers.
HEFB435	**3** test events x **5** samples x **3.5** mL **3** shipments	Compatible with Melet Schloesing MS9-5, Bayer Technicon H*1, H*2, H*3, ADVIA 120 and 2120/2120i analyzers.
HEFD435	**3** test events x **5** samples x **3** mL **3** shipments	Compatible with Bayer ADVIA 70; Biocode Hycel Diana-5, Diana-5 Evolution, Xenia; Boule Quintas; Drew Scientific EXCELL 22; Diatron Abacus 5, Junior 5; Nihon Celltac E MEK- 7222, F MEK-8222; Abbott Cell Dyn 3000, 3200, 3500, 3700, 4000, Ruby, Sapphire; URIT 5200/5250/5500 and ROBIMES YLACELL M/XL analyzers.
HEFE435	**3** test events x **5** samples x **2.5** mL **3** shipments	Compatible with ABX Pentra 60, 60 C+, 80, XL 80, 120, DX/DF Nexus, Argos, Minos & Helios; Coulter AcT 5 Diff and Dirui BF-5180/6800 analyzers.
HEFF435	**3** test events x **5** samples x **2.5** mL **3** shipments	Compatible with Diagon D-Cell 5 D and Sysmex SE9000/9500/9500R, SF3000 analyzers.
HEFG435	**3** test events x **5** samples x **4.5** mL **3** shipments	Compatible with Mindray BC-6800 and Sysmex NE1500/5500/8000, XE2100/2100C/5000, XN1000/2000/3000/9000, XS500i/800i/1000i/1000iC and XT1800i/2000i/4000i analyzers.
HEFH435	**3** test events x **5** samples x **3** mL **3** shipments	Compatible with Mindray BC-5100/5180/5100Vet, BC-5200, BC-5300/5380/5300Vet and BC-5500/5600/5800 analyzers.
HEFI435	**3** test events x **5** samples x **3** mL **3** shipments	Compatible with Orphee Mythic 22 AL/OT/CT analyzers.

Hematocrit
Hemoglobin
Mean corpuscular hemoglobin (MCH)
Mean corpuscular hemoglobin concentration (MCHC)
Mean corpuscular volume (MCV)
Platelet count
Red blood cell count
Red cell distribution width (RDW)
WBC differential (Neutrophils, Lymphocytes, Monocytes, Eosinophils, Basophils)
White blood cell count

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

HEMATOLOGY EQA

8. HEMATOLOGY

Quantitative | **Whole blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
HEMA435	**3** test events x **5** samples x **2** mL **3** shipments	Compatible with most manual, semi-automated and automated CBC methods. **Not compatible** with BD QBC and HemoCue WBC System/WBC DIFF System analyzers.
HEMA432 **for waived testing methods only**	**3** test events x **2** samples x **2** mL **3** shipments	

Hematocrit (by analyzer or spun)
Hemoglobin
Mean corpuscular hemoglobin (MCH)
Mean corpuscular hemoglobin concentration (MCHC)
Mean corpuscular volume (MCV)
Platelet count
Red blood cell count
Red cell distribution width (RDW)
White blood cell count

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MO A monthly format of this Program is available. See Monthly EQA section.

HEMATOLOGY EQA

9. HEMATOLOGY 3-PART DIFFERENTIAL

Quantitative | **Whole blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
HETA435	**3** test events x **5** samples x **2** mL **3** shipments	Compatible with Abbott Cell Dyn 300-800/610/900/1400/1500/1600; ABX/Baker Minos STE/STEL/STEX/STX, Micros 45/60/ES 60, Helios LMG, Spirit & Argos LMG; AVL AL 816; B&E Scientific Hemax 320/330; Bayer ADVIA 60; Biorexfars CELLDIFF-3; Coulter AcT Diff/Diff 2/8/10, JT/JT2/JT3, MD 284/II/II 8/II 10/II 16, ONYX, S Plus IV/V/VI, S880, ST/STKR, T540/T660/T890;Diatron Abacus 3/Junior/Junior 30/Junior EO/Plus; Dirui BCC-3000B; Drew Scientific Drew-3, DC 16CP/18, EXCELL 16/18, InfoLab I-1600/1800; ERMA PCE-210; Human HumaCount/30TS/60TS; Medonic CA 620/530/M16/M20; Mindray BC-2800/3000Plus/3200/3600; Melet Schloesing MS4-3e/9/9-3; Nihon Celltac MEK-6318/6400/6410/6420; Orphee Mythic 18; Perlong XFA6100; PointCare NOW; Radim HeCo C/S/Plus, HEMAT 12; Shenzhen KT6180; URIT-2900/2900 Plus/3000/3000 Plus/3010/3020/3300.
HETB435	**3** test events x **5** samples x **2** mL **3** shipments	Compatible with Abbott Cell Dyn 1200/1700/1800/Emerald; ABX/Baker 9000/9000+/9010/9018/9020/9110/9118/9120; Human HumaCount Plus and Sysmex K-series; Norma ICON, pocH-100i and XP-300 analyzers.

Hematocrit
Hemoglobin
Mean corpuscular hemoglobin (MCH)
Mean corpuscular hemoglobin concentration (MCHC)
Mean corpuscular volume (MCV)
Platelet count
Red blood cell count
Red cell distribution width (RDW)
WBC differential (Granulocytes, Lymphocytes, Monocytes)
White blood cell count

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

HEMATOLOGY EQA

10. LYMPHOCYTE IMMUNOPHENOTYPING

Quantitative | **Simulated whole blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
QASI432	**3** test events x **2** samples x **1.3** mL **3** shipments	No known compatibility issues with any method or analyzer.

CD19 (B Cells)
CD3 (T Cells)
CD4 (T Helper)
CD45 (Leukocytes)
CD56/CD16+56 (NK Cells)
CD8 (T Cytotoxic)
Lymphocytes
White blood cell count

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

11. RETICULOCYTES

Quantitative | **Whole blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
RETA432	**3** test events x **2** samples x **3** mL **3** shipments	Compatible with manual new methylene blue stain method and most automated instruments. **Not compatible** with instruments specified in the other Reticulocytes programs.
RETB432	**3** test events x **2** samples x **3** mL **3** shipments	Compatible with Abbott Cell-Dyn 3000/3200/3500/3700/4000/ Ruby and Sapphire analyzers ***only***.
RETC432	**3** test events x **2** samples x **4** mL **3** shipments	Compatible with Coulter GENS and LH series analyzers ***only***.
RETD432	**3** test events x **2** samples x **3** mL **3** shipments	Compatible with Sysmex XE2100/5000, XN Series, and XT-2000i/4000i analyzers ***only***.

Red blood cell count
Reticulocyte count

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

HEMATOLOGY EQA

12. SICKLE CELL SCREENING

Qualitative | **Whole blood**

PROGRAM CODE	FORMAT	COMPATIBILITY
SCSC432	**3** test events x **2** samples x **0.9** mL **3** shipments	No known compatibility issues with any method or analyzer.

Sickle cell screening

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

COAGULATION EQA

2017 Test Event Calendar

The following Test Event Calendar applies for COAG435, COAG432, COFH433, DDIM432, ORAC432, PLPX431 and THBP432.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

The following Test Event Calendar applies for COAG443, COFH443, DDIM442 and THBP442.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08
4	Wednesday, November 22	21 days	Wednesday, December 13

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

MO — Monthly

Monthly formats for certain Programs in this section are available. See Monthly EQA section.

COAGULATION EQA

1. COAGULATION

Quantitative | **Lyophilized plasma**

PROGRAM CODE	FORMAT	COMPATIBILITY
COAG435	**3** test events x **5** samples x **1** mL **3** shipments	**Not compatible** with Roche CoaguChek, Ciba Corning Biotrack, Dupont Coumatrak, ITC Hemochron Jr./Signature series, i-STAT PCA, i-STAT I, ITC Protime and whole blood methods.
COAG432	**3** test events x **2** samples x **1** mL **3** shipments	
COAG443	**4** test events x **3** samples x **1** mL **3** shipments	

Activated partial thromboplastin time (APTT)
Anti-thrombin III
Fibrinogen
International Normalized Ratio (INR)
Prothrombin time (PT)
Thrombin Time

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MO A monthly format of this Program is available. See Monthly EQA section.

2. HEMOPHILIA COAGULATION FACTORS AND VWF

Quantitative | **Lyophilized plasma**

PROGRAM CODE	FORMAT	COMPATIBILITY
COFH433	**3** test events x **3** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.
COFH443	**4** test events x **3** samples x **1** mL **3** shipments	

Factor VIII activity
Factor IX activity
vWF activity
vWF antigen

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

COAGULATION EQA

3. D-DIMER

Qualitative and/or quantitative | **Lyophilized plasma**

PROGRAM CODE	FORMAT	COMPATIBILITY
DDIM432	**3** test events x **2** samples x **1** mL **3** shipments	Compatible with all analyzers and methods using plasma. **Not compatible** with AGEN SimpliRED.
DDIM442	**4** test events x **2** samples x **1** mL **3** shipments	

D-dimer

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

4. ORAL ANTICOAGULANT MONITORING

Quantitative | **Lyophilized plasma**

PROGRAM CODE	FORMAT	COMPATIBILITY
ORAC432	**3** test events x **2** samples x **1** mL **3** shipments	Not compatible with Point of Care devices.

International Normalized Ratio (INR) Prothrombin Time

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

5. PLASMA PROTHROMBIN TIME XS POC

Quantitative | **Lyophilized plasma**

PROGRAM CODE	FORMAT	COMPATIBILITY
PLPX431	**3** test events x **1** sample x **0.3** mL **3** shipments	Compatible with Roche CoaguChek XS, CoaguChek XS Plus & CoaguChek XS Pro analyzers ***only***.

International Normalized Ratio (INR)

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

COAGULATION EQA

6. THROMBOPHILIA

Qualitative and quantitative | **Lyophilized plasma**

PROGRAM CODE	FORMAT	COMPATIBILITY
THBP432	**3** test events x **2** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.
THBP442	**4** test events x **2** samples x **1** mL **3** shipments	

Activated Protein C resistance (APC resistance)	Protein C activity Protein C antigen	Protein S antigen, free Protein S activity

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

TRANSFUSION MEDICINE EQA

2017 Test Event Calendar

The following Test Event Calendar applies all 3 test event Programs in this section.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

The following Test Event Calendar applies for all 4 test event Programs in this section.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08
4	Wednesday, November 22	21 days	Wednesday, December 13

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

TRANSFUSION MEDICINE EQA

1. BASIC TRANSFUSION MEDICINE

Qualitative | **Simulated whole blood (15% hematocrit)**

PROGRAM CODE	FORMAT	COMPATIBILITY
BTME435	**3** test events x **5** samples x **4** mL **3** shipments	Compatible with manual and automated methods.

ABO grouping	Rh (D) grouping	Unexpected antibody detection

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

2. COMPREHENSIVE TRANSFUSION MEDICINE

Qualitative | **Simulated whole blood (15% hematocrit)** **Donor red blood cell suspension (25% hematocrit)**

PROGRAM CODE	FORMAT	COMPATIBILITY
CTME435	**3** test events x **5** samples x **4** mL plus one **2** mL Donor cell suspension **3** shipments	Compatible with manual and automated methods.

ABO grouping Antibody identification	Compatibility testing Red blood cell antigen detection	Rh (D) grouping Unexpected antibody detection

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

3. DIRECT ANTIGLOBULIN TESTING

Qualitative | **Red blood cell suspension**

PROGRAM CODE	FORMAT	COMPATIBILITY
DATG432	**3** test events x **2** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.

Direct antiglobulin testing (DAT)

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

TRANSFUSION MEDICINE EQA

4. IMMUNOHEMATOLOGY

Qualitative | **8% Hematocrit red cell suspension + serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
IMHE442	**4** test events x **2** samples x **4** mL **4** shipments	Compatible with manual and automated methods

ABO grouping
Direct antiglobulin testing
Irregular antibody identification
RBC Agglutination
Rh (D) grouping
Rh(D) Phenotype
Unexpected antibody detection

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

5. COMPREHENSIVE IMMUNOHEMATOLOGY

Qualitative | **8% Hematocrit red cell suspension + serum** • **Two donor red blood cell suspensions (8% hematocrit)**

PROGRAM CODE	FORMAT	COMPATIBILITY
IMHX444	**4** test events x **4** samples x **4** mL **4** shipments	Compatible with manual and automated methods

ABO grouping
Compatibility testing
Direct antiglobulin testing
Irregular antibody identification
RBC Agglutination
Red blood cell antigen detection
Rh (D) grouping
Rh(D) Phenotype
Unexpected antibody detection

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

CLINICAL MICROSCOPY EQA

2017 Test Event Calendar

The following Test Event Calendar applies for all Programs in this section.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

CLINICAL MICROSCOPY EQA

1. FECAL SMEAR

Qualitative | Photo

PROGRAM CODE	FORMAT	COMPATIBILITY
FECS431	**3** test events x **1** photo **3** shipments	No known compatibility issues with any method or analyzer.

Fecal smear for WBC

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

2. FERN TEST

Qualitative | Photo

PROGRAM CODE	FORMAT	COMPATIBILITY
FERN431	**3** test events x **1** photo **3** shipments	No known compatibility issues with any method or analyzer.

Amniotic fluid detection

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

3. KOH PREPARATION

Qualitative | Photo

PROGRAM CODE	FORMAT	COMPATIBILITY
KOHP431	**3** test events x **1** photo **3** shipments	No known compatibility issues with any method or analyzer.

Fungal/yeast detection

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

CLINICAL MICROSCOPY EQA

4. NASAL SMEAR

Qualitative | Photo

PROGRAM CODE	FORMAT	COMPATIBILITY
NASM431	**3** test events x **1** photo **3** shipments	No known compatibility issues with any method or analyzer.

Nasal smear for eosinophils

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

5. PINWORM PREPARATION

Qualitative | Photo

PROGRAM CODE	FORMAT	COMPATIBILITY
PINW431	**3** test events x **1** photo **3** shipments	No known compatibility issues with any method or analyzer.

Pinworm detection

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

6. VAGINAL PREPARATION

Qualitative | Photo

PROGRAM CODE	FORMAT	COMPATIBILITY
VAGP431	**3** test events x **1** photo **3** shipments	No known compatibility issues with any method or analyzer.

Vaginal wet preparation

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

DIAGNOSTIC IMMUNOLOGY EQA

2017 Test Event Calendar

The following Test Event Calendar applies for all Programs in this section with the exception of ALLY443 and FOOD443.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

The following Test Event Calendar applies for ALLY443 and FOOD443.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08
4	Wednesday, November 22	21 days	Wednesday, December 13

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

DIAGNOSTIC IMMUNOLOGY EQA

1. ANTIPHOSPHOLIPID AUTOIMMUNITY

Qualitative and quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
AIAP432	**3** test events x **2** samples x **0.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

Anti-beta-2-glycoprotein I (Anti B2-GPI) Anticardiolipin

SUBSCRIPTION OPTIONS

Full +RO **+5 RO FREE** +SO OC VA

2. RHEUMATOLOGIC ARTHRITIS AUTOIMMUNITY

Qualitative and quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
AIAR432	**3** test events x **2** samples x **0.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

Rheumatoid factor VCP / CCP IgG

SUBSCRIPTION OPTIONS

Full +RO **+5 RO FREE** +SO OC VA

3. ANTI-NEUTROPHIL CYTOPLASM AUTOIMMUNITY

Qualitative and quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
AICN432	**3** test events x **2** samples x **0.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

ANCA

SUBSCRIPTION OPTIONS

Full +RO **+5 RO FREE** +SO OC VA

DIAGNOSTIC IMMUNOLOGY EQA

4. COELIAC DISEASE

Qualitative and quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
AICO432	**3** test events x **2** samples x **0.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

Antiendomysial antibody (EMA) IgA
Antigliadin antibody (AGA) - IgA and IgG
Antitissue transglutaminase antibody (tTG) - IgA and IgG

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

5. ORGAN AUTOIMMUNITY

Qualitative and quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
AIOR432	**3** test events x **2** samples x **0.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

Antimitochondrial M2 antibody (AMA)
Anti-parietal cell antibody (APCA)
Anti-smooth muscle antibody (ASMA)
Liver-kidney microsomal antibody (LKM)

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

6. RHEUMATOLOGIC AUTOIMMUNITY

Qualitative and quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
AIRH432	**3** test events x **2** samples x **0.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

ANA
Anti-dsDNA
ENA

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

DIAGNOSTIC IMMUNOLOGY EQA

7. THYROID AUTOIMMUNITY

Quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
AITH433	**3** test events x **3** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.

Antithyroglobulin antibody (Ab anti TG)

Antithyroid peroxidase antibody (Ab anti TPO)

TSH receptor antibody

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

8. INHALANT ALLERGY

Quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
ALLY433	**3** test events x **3** samples x **2** mL **3** shipments	No known compatibility issues with any method or analyzer.
ALLY443	**4** test events x **3** samples x **2** mL **3** shipments	

Acarus
Epithelia
Graminaceous plants

Grass
Hymenoptera

Latex
Trees

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

DIAGNOSTIC IMMUNOLOGY EQA

9. ANTI-NUCLEAR ANTIBODY

Qualitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
ANAB435	**3** test events x **5** samples x **0.6** mL **3** shipments	No known compatibility issues with any method or analyzer.

Anti-nuclear antibody (ANA)
Anti-ENA
Anti-DNA (ds, ss)
Anti-RNP
Anti-Sm
Anti-SSA
Anti-SSB

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

10. ANTI-STREPTOLYSIN O

Qualitative and/or quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
ANSO435	**3** test events x **5** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.

Anti-streptolysin O (ASO)

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

11. C-REACTIVE PROTEIN

Qualitative and quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
CRPR432	**3** test events x **2** samples x **0.5** mL **3** shipments	Compatible with all analyzers and methods that measure levels greater than 1.0 mg/dL.

C-reactive protein (CRP)

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

DIAGNOSTIC IMMUNOLOGY EQA

12. FOOD ALLERGY

Quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
FOOD433	**3** test events x **3** samples x **0.5** mL **3** shipments	No known compatibility issues with any method or analyzer.
FOOD443	**4** test events x **3** samples x **0.5** mL **3** shipments	

Main allergens

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

13. HIGH SENSITIVITY C-REACTIVE PROTEIN

Quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
HCRP432	**3** test events x **2** samples x **0.5** mL **3** shipments	Compatible with all analyzers and methods that measure levels of 0 - 1.5 mg/dL.

High sensitivity C-reactive protein

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

14. RHEUMATOID FACTOR

Qualitative and/or quantitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
RHFA435	**3** test events x **5** samples x **1** mL **3** shipments	No known compatibility issues with any method or analyzer.

Rheumatoid factor

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MOLECULAR DIAGNOSTICS EQA

2017 Test Event Calendar

The following Test Event Calendar applies for all Programs in this section.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

Subscription Options

The following Subscription options are available for Programs in this section.

Full

Report only

Sample only

Off cycle

Validation

MOLECULAR DIAGNOSTICS EQA

1. M. TUBERCULOSIS DETECTION AND RIFAMPIN RESISTANCE

Qualitative | **Cell suspension**

PROGRAM CODE	FORMAT	COMPATIBILITY
TBRR432	**3** test events x **2** samples x **1** mL **3** shipments	Compatible with the Cepheid GeneXpert® and other methods which target gene segments IS6110, hsp65, 16S rRNA, 23S rRNA, inhA, katG, and rpoB. The program is **not compatible** with TB test methods which target other gene segments.

M. tuberculosis detection

Rifampin resistance

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

CLINICAL SEROLOGY EQA

2017 Test Event Calendar

The following Test Event Calendar applies for all Programs in this section.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

CLINICAL SEROLOGY EQA

1. VIRAL ANTIGEN DETECTION

Qualitative | **Aqueous solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
AVIR435	**3** test events x **5** samples x **1** mL **3** shipments	**Not compatible** with immunofluorescence assays.

Adenovirus
Influenza A
Influenza A/B
Influenza B
Respiratory syncytial virus
Rotavirus

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

2. EBV SEROLOGY

Quantitative and/or qualitative | **Lyophilized solution**

PROGRAM CODE	FORMAT	COMPATIBILITY
EBVS435	**3** test events x **5** samples x **0.5** mL **3** shipments	No known compatibility issues with any method or analyzer.
EBVS432	**3** test events x **2** samples x **0.5** mL **3** shipments	

EBV Viral Capsid Antigen (VCA) IgG
EBV Viral Capsid Antigen (VCA) IgM
EBV Early Antigen (EA) IgG
EBV Nuclear Antigen (NA) IgG

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

CLINICAL SEROLOGY EQA

3. HEPATITIS SEROLOGY

NRL Science of Quality | Science architect

Qualitative | **Liquid human plasma**

UN 3373

PROGRAM CODE	FORMAT	COMPATIBILITY
HEPM4310	**3** test events x **10** samples x **1.8** mL **3** shipments	Participants can report multiple runs and replicates for multiple analyzers or methods.
HEPM435	**3** test events x **5** samples x **1.8** mL **3** shipments NA to participants in Australia and NZ.	

Anti-HAV IgG	Anti-HBc Total	HBeAg
Anti-HAV IgM	Anti-HBe	HBsAg
Anti-HAV Total	Anti-HBs	HCV Ag
Anti-HBc IgM	Anti-HCV	

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

4. HIV

Qualitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
HIVA435	**3** test events x **5** samples x **1** mL **3** shipments	Compatible with all analyzers and methods including Orasure OraQuick Rapid HIV-1 Antibody Test Kit.
HIVA432 **for waived testing methods only**	**3** test events x **2** samples x **1** mL **3** shipments	

Anti-HIV-1	Anti-HIV-1/2	Anti-HIV-2

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

CLINICAL SEROLOGY EQA

5. HIV SEROLOGY

NRL Science of Quality | Science architect

Qualitative | **Liquid, human plasma** — UN 3373

PROGRAM CODE	FORMAT	COMPATIBILITY
HIVC4310	**3** test events x **10** samples x **1** mL **3** shipments	Participants can report multiple runs and replicates for multiple analyzers or methods.
HIVC435	**3** test events x **5** samples x **1** mL **3** shipments	

Anti-HIV-1
Anti-HIV-1/2
Anti-HIV-2
HIV Ag

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

6. HELICOBACTER PYLORI ANTIBODY

Qualitative | **Human serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
HPYL432	**3** test events x **2** samples x **0.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

H. pylori antibody
H. pylori IgA antibody
H. pylori IgG antibody
H. pylori IgM antibody

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

7. HERPES SIMPLEX

Qualitative | **Lyophilized serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
HSVC432	**3** test events x **2** samples x **0.5** mL **3** shipments	Participants can report multiple runs and replicates for multiple analyzers or methods.

Herpes simplex antibodies

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

CLINICAL SEROLOGY EQA

8. HTLV SEROLOGY

NRL Science of Quality | Science architect

Qualitative | **Liquid, human plasma** UN 3373

PROGRAM CODE	FORMAT	COMPATIBILITY
HTLV4310	**3** test events x **10** samples x **1** mL **3** shipments	Participants can report multiple runs and replicates for multiple analyzers or methods.
HTLV435	**3** test events x **5** samples x **1** mL **3** shipments	

Anti-HTLV

SUBSCRIPTION OPTIONS

Full | ~~+RO~~ | +SO | OC | VA

9. LYME DISEASE

Qualitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
LYME432	**3** test events x **2** samples x **0.6** mL **3** shipments	No known compatibility issues with any method or analyzer.

Lyme disease - *Borrelia burgdorferi* | Lyme disease - *Borrelia burgdorferi* IgG | Lyme disease - *Borrelia burgdorferi* IgM

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

10. INFECTIOUS MONONUCLEOSIS

Qualitative | **Serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
MONO435	**3** test events x **5** samples x **0.65** mL **3** shipments	Compatible with latex agglutination and hemagglutination methods.
MONO432 **for waived testing methods only**	**3** test events x **2** samples x **0.65** mL **3** shipments	

Infectious mononucleosis | Infectious mononucleosis IgG | Infectious mononucleosis IgM

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

CLINICAL SEROLOGY EQA

11. MYCOPLASMA ANTIBODY

Qualitative | **Human serum**

PROGRAM CODE	FORMAT	COMPATIBILITY
MYPL432	**3** test events x **2** samples x **0.5** mL **3** shipments	No known compatibility issues with any method or analyzer.

Mycoplasma antibody
Mycoplasma IgA antibody
Mycoplasma IgG antibody
Mycoplasma IgM antibody

SUBSCRIPTION OPTIONS

Full | +RO +5 RO FREE | +SO | OC | VA

12. TOXOPLASMA, RUBELLA AND CMV SEROLOGY

NRL Science of Quality | Science architect

Qualitative | **Liquid, human plasma**

UN 3373

PROGRAM CODE	FORMAT	COMPATIBILITY
TORC435	**3** test events x **5** samples x **1** mL **3** shipments	Participants can report multiple runs and replicates for multiple analyzers or methods.

Anti-CMV IgG
Anti-CMV IgM
Anti-Toxoplasma IgG
Anti-Toxoplasma IgM
Rubella IgG
Rubella IgM

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

13. SYPHILIS SEROLOGY

NRL Science of Quality | Science architect

Qualitative | **Liquid, human plasma**

UN 3373

PROGRAM CODE	FORMAT	COMPATIBILITY
TREP435	**3** test events x **5** samples x **1** mL **3** shipments	Participants can report multiple runs and replicates for multiple analyzers or methods.

Anti-*Treponema pallidum*
Non-Treponemal antibodies

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

CLINICAL NUCLEIC ACID TESTING EQA

2017 Test Event Calendar

The following Test Event Calendar applies for all Programs in this section with the exception of DTSI435. HIVG425 and HIVT425 have only two test events following the same opening and deadline dates as listed for Test Events 1 and 3.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 01	21 days	Wednesday, March 22
2	Wednesday, June 07	21 days	Wednesday, June 28
3	Wednesday, September 06	21 days	Wednesday, September 27

The following Test Event Calendar applies for DTSI435.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

Subscription Options

The following Subscription options are available for Programs in this section.

Full

Report only

Sample only

Off cycle

Validation

CLINICAL NUCLEIC ACID TESTING EQA

1. CMV DNA QUALITATIVE & VIRAL LOAD

NRL Science of Quality | Science architect

Qualitative and quantitative | **Frozen human plasma**

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
CMVN435	**3** test events x **5** samples x **1.2** mL **1** shipment	No known compatibility issues with any method or analyzer.

CMV DNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

2. C. TRACHOMATIS | N. GONORRHOEAE DNA QUALITATIVE

NRL Science of Quality | Science architect

Qualitative | **Clinical samples**

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
CTNG435	**3** test events x **5** samples x **1.2** mL **1** shipment	No known compatibility issues with any method or analyzer.

Chlamydia trachomatis DNA | *C. trachomatis* serovar determination | *Neisseria gonorrhoeae* DNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

3. DRIED TUBE SAMPLE HIV-1 VIRAL LOAD

NRL Science of Quality | Science architect

Quantitative | **Dried human plasma/serum matrix**

This program is optimised for Point of Care assays.

PROGRAM CODE	FORMAT	COMPATIBILITY
DTSI435	**3** test events x **5** samples **3** shipments	Not compatible with the Cavidi ExaVir Load Version 3.0 kit.

HIV-1 RNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

CLINICAL NUCLEIC ACID TESTING EQA

4. HAV RNA & PARVOVIRUS B19 DNA

NRL Science of Quality | Science architect

Qualitative and quantitative | Frozen human plasma

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
HAPN435	**3** test events x **5** samples x **2.4** mL **1** shipment	No known compatibility issues with any method or analyzer.

HAV RNA

Parvovirus B19 DNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

5. HBV DNA VIRAL LOAD

NRL Science of Quality | Science architect

Quantitative | Frozen human plasma

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
HBVL435	**3** test events x **5** samples x **1.2** mL **1** shipment	No known compatibility issues with any method or analyzer.

HBV DNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

6. HCV GENOTYPING

NRL Science of Quality | Science architect

Qualitative | Frozen human plasma

UN 3373 UN 1845

PROGRAM CODE	COMPATIBILITY	COMPATIBILITY
HCVG435	**3** test events x **5** samples x **1.2** mL **1** shipment	No known compatibility issues with any method or analyzer.

HCV genotype

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

CLINICAL NUCLEIC ACID TESTING EQA

7. HCV RNA VIRAL LOAD

NRL Science of Quality | Science architect

Quantitative | **Frozen human plasma**

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
HCVL435	**3** test events x **5** samples x **1.2** mL **1** shipment	No known compatibility issues with any method or analyzer.

HCV RNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

8. HCV RNA QUALITATIVE

NRL Science of Quality | Science architect

Qualitative | **Frozen human plasma**

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
HCVN435	**3** test events x **5** samples x **1.2** mL **1** shipment	No known compatibility issues with any method or analyzer.

HCV RNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

9. HIV-1 GENOTYPIC DRUG RESISTANCE

NRL Science of Quality | Science architect

Qualitative | **Frozen human plasma and ViveST™**

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
HIVG425	**2** test events x **5** samples x **0.5** mL **1** shipment	No known compatibility issues with any method or analyzer.

HIV-1 anti-viral drug resistance mutations

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

CLINICAL NUCLEIC ACID TESTING EQA

10. HIV-1 RNA VIRAL LOAD

NRL Science of Quality | Science architect

Quantitative | **Frozen human plasma**

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
HIVL435	**3** test events x **5** samples x **1.2** mL **1** shipment	No known compatibility issues with any method or analyzer.

HIV-1 RNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

11. CO-RECEPTOR TROPISM

NRL Science of Quality | Science architect

Qualitative | **DNA and chromatograms**

PROGRAM CODE	FORMAT	COMPATIBILITY
HIVT425	**2** test events x **5** samples **1** shipment	No known compatibility issues with any method or analyzer.

Co-receptor tropism

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

12. HPV DNA QUALITATIVE

NRL Science of Quality | Science architect

***New program**

Qualitative | **Liquid based cytology (LBC) medium frozen**

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
HPVN435	**3** test events x **5** samples x **1.2** mL **1** shipment	No known compatibility issues with any method or analyzer.

HPV DNA | HPV High Risk 16 | HPV High Risk 18/45

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

CLINICAL NUCLEIC ACID TESTING EQA

13. HSV-1/2 DNA QUALITATIVE

NRL Science of Quality | Science architect

Qualitative | Clinical samples

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
HSVN435	**3** test events x **5** samples x **1.2** mL **1** shipment	No known compatibility issues with any method or analyzer.

HSV-1 DNA | HSV-1/2 DNA | HSV-2 DNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

14. LEPTOSPIROSIS DNA QUALITATIVE

NRL Science of Quality | Science architect

*New program

Qualitative | Frozen human plasma

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
LEPN435	**3** test events x **5** samples x **1.2** mL **1** shipment	No known compatibility issues with any method or analyzer.

Leptospira DNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

BLOOD SCREENING EQA

Programs in this section are suitable for laboratories screening for blood and/or blood products for transfusion and transplantation. NRL is the Science Architect for these Programs, which have been designed to assist participants to monitor and compare their testing processes and systems with others used around the world to identify and correct sources of error.

As well, NRL is the founder and manager of an international quality network in which NRL directly provides Blood Screening EQA Programs to all participants in Australia and New Zealand and to national blood screening organizations and plasma fractionators outside Australia and New Zealand. This network is comprised of participants from over 40 countries.

Accordingly, national blood screening organizations will be enrolled in these Blood Screening EQA Programs directly with NRL as part of this NRL quality network. All other participants outside of Australia and New Zealand in these Programs will be enrolled with their respective Collaboration Member.

In addition to EQA, NRL also provides other support services to blood screening laboratories and plasma fractionators to ensure the safety of their blood supply. These support services include:

- Quality Control Programs designed to assess the accuracy and precision of results on a daily basis;
- A Specificity Monitoring Program that ensures screening blood and/or blood-borne infectious diseases is cost effective and efficacious to reduce blood wastage;
- Reference testing on difficult-to-diagnose samples;
- Assistance in commissioning new testing platforms through the provision of specifically designed validation panels;

For more information about these support services, please contact NRL at oneworldaccuracy@nrl.gov.au.

BLOOD SCREENING EQA

2017 Test Event Calendar

The following Test Event Calendar applies for HTLV4310, MMBS4320 and TORC435

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

The following Test Event Calendar applies for CMVN435, HAPN435 and NATA4315.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 01	21 days	Wednesday, March 22
2	Wednesday, June 07	21 days	Wednesday, June 28
3	Wednesday, September 06	21 days	Wednesday, September 27

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

BLOOD SCREENING EQA

1. CMV DNA QUALITATIVE & VIRAL LOAD

NRL Science of Quality | Science architect

Qualitative and quantitative | Frozen human plasma

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
CMVN435	**3** test events x **5** samples x **1.2** mL **1** shipment	No known compatibility issues with any method or analyzer.

CMV DNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

2. HAV RNA & PARVOVIRUS B19 DNA

NRL Science of Quality | Science architect

Qualitative and quantitative | Frozen human plasma

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
HAPN435	**3** test events x **5** samples x **2.4** mL **1** shipment	No known compatibility issues with any method or analyzer.

HAV RNA Parvovirus B19 DNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

3. HTLV SEROLOGY

NRL Science of Quality | Science architect

Qualitative | Liquid, human plasma

UN 3373

PROGRAM CODE	FORMAT	COMPATIBILITY
HTLV4310	**3** test events x **10** samples x **1** mL **3** shipments	Participants can report multiple runs and replicates for multiple analyzers or methods.

Anti-HTLV

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

BLOOD SCREENING EQA

4. MULTIMARKER BLOOD SCREENING SEROLOGY

NRL Science of Quality | Science architect

Qualitative | **Liquid human plasma**

UN 3373

PROGRAM CODE	FORMAT	COMPATIBILITY
MMBS4320	**3** test events x **20** samples x **1** mL **3** shipments	Participants can report multiple runs and replicates for multiple analyzers or methods. **Not compatible** with Non-Treponemal detection methods.

Anti-HBc Total
Anti-HCV
Anti-HIV
Anti-Treponema pallidum
HCV Ag
HIV Ag
HBsAg

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

5. MULTIMARKER BLOOD SCREENING NAT

NRL Science of Quality | Science architect

Qualitative | **Frozen human plasma**

UN 3373 UN 1845

PROGRAM CODE	FORMAT	COMPATIBILITY
NATA4315	**3** test events x **15** samples x **4.4** mL **1** shipment	Compatible with blood screening NAT assays. No known compatibility issues with any method or analyzer.

HBV DNA
HCV RNA
HIV RNA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

6. TOXOPLASMA, RUBELLA AND CMV SEROLOGY

NRL Science of Quality | Science architect

Qualitative | **Liquid, human plasma**

UN 3373

PROGRAM CODE	FORMAT	COMPATIBILITY
TORC435	**3** test events x **5** samples x **1** mL **3** shipments	Participants can report multiple runs and replicates for multiple analyzers or methods.

Anti-CMV IgG
Anti-CMV IgM
Anti-Toxoplasma IgG
Anti-Toxoplasma IgM
Anti-Rubella IgG
Anti-Rubella IgM

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

ANDROLOGY EQA

2017 Test Event Calendar

The following Test Event Calendar applies for all Programs in this section.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

ANDROLOGY EQA

1. SPERM COUNT

Quantitative | **Stabilized sperm**

PROGRAM CODE	FORMAT	COMPATIBILITY
SPER432	**3** test events x **2** samples x **0.3** mL **3** shipments	No known compatibility issues with any method or analyzer.

Sperm count

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

2. SPERM SCREEN

Qualitative | **Stabilized sperm**

PROGRAM CODE	FORMAT	COMPATIBILITY
SPES432	**3** test events x **2** samples x **0.3** mL **3** shipments	No known compatibility issues with any method or analyzer.

Sperm screen (post vasectomy)

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

3. SPERM MORPHOLOGY

Quantitative | **Unstained glass slides**

PROGRAM CODE	FORMAT	COMPATIBILITY
SPMO432	**3** test events x **2** samples **3** shipments	No known compatibility issues with any method or analyzer.

Sperm morphology

SUBSCRIPTION OPTIONS

Full | ~~+RO~~ | +SO | OC | VA

ANDROLOGY EQA

4. SPERM VIABILITY

Quantitative | **Eosin/Nigrosin stained glass slides**

PROGRAM CODE	FORMAT	COMPATIBILITY
SPVB432	**3** test events x **2** samples **3** shipments	No known compatibility issues with any method or analyzer.

Sperm viability

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

BACTERIOLOGY EQA

2017 Test Event Calendar

The following Test Event Calendar applies for all Programs in this section.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

BACTERIOLOGY EQA

Select the programs that correspond to your extent of testing

EXTENT 1	EXTENT 2	EXTENT 3	EXTENT 4	EXTENT 5
Interpret Gram stains or perform primary inoculation, or both; and refer cultures to another laboratory certified to perform testing and report identification	+ Perform direct antigen testing	+ isolate and identify aerobic bacteria from any source to the genus level and may also perform antimicrobial susceptibility tests	+ isolate and identify aerobic bacteria from any source to the species level and may also perform antimicrobial susceptibility tests	+ isolate and identify aerobic and anaerobic bacteria from any source to the species level and may also perform antimicrobial susceptibility tests

1. AFFIRM VP TEST

Qualitative | **Swabs** — UN 3373

PROGRAM CODE	FORMAT	EXTENT	COMPATIBILITY
AFVP435	**3** test events x **5** samples **3** shipments	**2**	Antigen detection by Affirm VP ***only***.

Candida *Gardnerella* *Trichomonas*

SUBSCRIPTION OPTIONS: Full | +RO | +SO | OC | VA

2. BACTERIAL IDENTIFICATION

Qualitative | **KWIK-STIK™ Ampoule/swab (stool, urine, spinal fluid, sputum, wound, blood, ear, eye)** — UN 3373

PROGRAM CODE	FORMAT	EXTENT
BACT435	**3** test events x **5** samples **3** shipments	**3 4 5**

Gram stain (one sample)
Identification of aerobic bacteria
Identification of aerobic and / or anaerobic bacteria or *Campylobacter* (extent 5 ***only***)
Susceptibility testing (one sample) - CLSI and/or EUCAST guidelines

SUBSCRIPTION OPTIONS: Full | +RO | +SO | OC | VA

BACTERIOLOGY EQA

3. BLOOD CULTURE

Qualitative | **LYFO DISK**

UN 3373

PROGRAM CODE	FORMAT	EXTENT
BLCU435	**3** test events x **5** samples **3** shipments	**3 4 5**

Gram Stain (one sample) | Identification of aerobic bacteria | Susceptibility testing (one sample) - CLSI and/or EUCAST guidelines

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

4. CLOSTRIDIUM DIFFICILE ANTIGEN

Qualitative | **Liquid**

UN 3373

PROGRAM CODE	FORMAT	EXTENT	COMPATIBILITY
CLDA435	**3** test events x **5** samples x **1** mL **3** shipments	**2**	No known compatibility issues with any method or analyzer
CLDA432	**3** test events x **2** samples x **1** mL **3** shipments		

Clostridium difficile Ag | *Clostridium difficile* Toxin A/B

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

5. GENITAL CULTURE

Qualitative | **KWIK-STIK™ Ampoule/swab**

UN 3373

PROGRAM CODE	FORMAT	EXTENT
GENC435	**3** test events x **5** samples **3** samples	**3 4 5**
GENC432	**3** test events x **2** samples **3** samples	

Identification of normal flora and pathogens

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

BACTERIOLOGY EQA

6. GRAM STAIN

cmpt | Science architect

Qualitative | Fixed glass slides

PROGRAM CODE	FORMAT	EXTENT
GRAM435	**3** test events x **5** samples **3** shipments	1

Gram stain

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

7. METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS

Qualitative | KWIK-STIK™ Ampoule/swab

UN 3373

PROGRAM CODE	FORMAT	EXTENT
MRSA435	**3** test events x **5** samples **3** shipments	3 4 5

MRSA

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

8. NEISSERIA GONORRHOEAE CULTURE

Qualitative | KWIK-STIK™ Ampoule/swab

UN 3373

PROGRAM CODE	FORMAT	EXTENT
NGOS435	**3** test events x **5** samples **3** shipments	3 4 5
NGOS432	**3** test events x **2** samples **3** shipments	

Neisseria gonorrhoeae

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

BACTERIOLOGY EQA

9. STREPTOCOCCUS A ANTIGEN

Qualitative | **Swabs**

PROGRAM CODE	FORMAT	EXTENT	COMPATIBILITY
STAA435	**3** test events x **5** samples **3** shipments	**2**	No known compatibility issues with any method or analyzer.
STAA432	**3** test events x **2** samples **3** shipments		

Streptococcus A

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

10. STREPTOCOCCUS A CULTURE

Qualitative | **KWIK-STIK™ Ampoule/swab** UN 3373

PROGRAM CODE	FORMAT	EXTENT
STAS435	**3** test events x **5** samples **3** shipments	**3 4 5**

Streptococcus A

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

11. THROAT CULTURE

Qualitative | **KWIK-STIK™ Ampoule/swab** UN 3373

PROGRAM CODE	FORMAT	EXTENT
THRC435	**3** test events x **5** samples **3** shipments	**3 4 5**
THRC433	**3** test events x **3** samples **3** shipments	

Identification of normal flora and pathogen

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

BACTERIOLOGY EQA

12. URINE COLONY COUNT

cmpt | Science architect

Semi-quantitative | **Inoculated bead with reconstituting fluid**

UN 3373

PROGRAM CODE	FORMAT	EXTENT
URCC432	**3** test events x **2** samples x **1** mL **3** shipments	**3 4 5**

Urine colony count for screening purposes

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

13. URINE CULTURE

Qualitative | **KWIK-STIK™ Ampoule/swab**

UN 3373

PROGRAM CODE	FORMAT	EXTENT
URIC435	**3** test events x **5** samples **3** shipments	**3 4 5**
URIC432	**3** test events x **2** samples **3** shipments	

Gram stain (one sample) | Identification of normal flora and pathogens | Susceptibility testing (one sample) - CLSI and/or EUCAST guidelines

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

14. VANCOMYCIN RESISTANT ENTEROCOCCUS

Qualitative | **KWIK-STIK™ Ampoule/swab**

UN 3373

PROGRAM CODE	FORMAT	EXTENT
VREN435	**3** test events x **5** samples **3** shipments	**3 4 5**

VRE

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

MYCOBACTERIOLOGY EQA

2017 Test Event Calendar

The following Test Event Calendar applies for all Programs in this section.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

Subscription Options

The following Subscription options are available for Programs in this section.

Full

Report only

Sample only

Off cycle

Validation

MYCOBACTERIOLOGY EQA

Select the programs that correspond to your extent of testing

EXTENT 1	EXTENT 2	EXTENT 3
Interpret acid fast stains	+ Perform identification and may do susceptibility testing of Mycobacterium tuberculosis.	+ Perform identification of all Mycobacterium for clinical diagnosis and may do susceptibility testing.

1. MYCOBACTERIUM ACID FAST STAIN

cmpt | Science architect

Qualitative | **Fixed glass slides**

PROGRAM CODE	FORMAT	EXTENT
MAFS435	**3** test events x **5** samples **3** shipments	**1**

Mycobacterium acid fast stain

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

2. MYCOBACTERIUM SPECIES CULTURE

Qualitative | **KWIK-STIK™ Ampoule/swab**

UN 3373

PROGRAM CODE	FORMAT	EXTENT
MSPC435	**3** test events x **5** samples **3** shipments	**2** **3**

Identification of *Mycobacterium* species

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

MYCOLOGY EQA

2017 Test Event Calendar

The following Test Event Calendar applies for all Programs in this section.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

MYCOLOGY EQA

Select the programs that correspond to your extent of testing

EXTENT 1	EXTENT 2	EXTENT 3	EXTENT 4
Perform direct antigen testing	+ KOH preparation or detection of Dermatophytes using selective media	+ Isolate and identify yeast and/or fungi to the genus level	+ Isolate and identify yeast and/or fungi to the species level

1. CANDIDA ANTIGEN

Qualitative | **Liquid**

UN 3373

PROGRAM CODE	FORMAT	EXTENT	COMPATIBILITY
CANA435	**3** test events x **5** samples x **1** mL **3** shipments	**1**	Enzyme immunoassay.

Candida

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

2. CRYPTOCOCCUS ANTIGEN

Qualitative | **Liquid**

PROGRAM CODE	FORMAT	EXTENT	COMPATIBILITY
CRYA432	**3** test events x **2** samples x **1** mL **3** shipments	**1**	Agglutination or enzyme immunoassay.

Cryptococcus neoformans

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

MYCOLOGY EQA

3. DERMATOPHYTE SCREEN

Qualitative | KWIK-STIK™ Ampoule/swab

UN 3373

PROGRAM CODE	FORMAT	EXTENT	COMPATIBILITY
DERS435	**3** test events x **5** samples **3** shipments	**2 3 4**	Dermatophyte test media.

Dermatophyte detection

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

4. KOH SLIDES

cmpt | Science architect

Qualitative | Glass slides

PROGRAM CODE	FORMAT	EXTENT
KOHS432	**3** test events x **2** samples **3** shipments	**2 3 4**

Fungal identification

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

5. MOLD / YEAST CULTURE

Qualitative | KWIK-STIK™ Ampoule/swab

UN 3373

PROGRAM CODE	FORMAT	EXTENT
MOLC435	**3** test events x **5** samples **3** shipments	**3 4**

Mold/yeast identification

SUBSCRIPTION OPTIONS

Full | +RO | +SO | OC | VA

MYCOLOGY EQA

6. YEAST CULTURE

Qualitative | **KWIK-STIK™ Ampoule/swab**

UN 3373

PROGRAM CODE	FORMAT	EXTENT
YEAC435	**3** test events x **5** samples **3** shipments	**3 4**

Yeast identification

SUBSCRIPTION OPTIONS

Full | +RO | +SO | QC | VA

PARASITOLOGY EQA

2017 Test Event Calendar

The following Test Event Calendar applies for all Programs in this section.

Test Event	Test Event Open	Test Event Window	Results Deadline
1	Wednesday, March 22	21 days	Wednesday, April 12
2	Wednesday, June 28	21 days	Wednesday, July 19
3	Wednesday, October 18	21 days	Wednesday, November 08

Subscription Options

The following Subscription options are available for Programs in this section.

Full	+RO	+SO	OC	VA
Full	Report only	Sample only	Off cycle	Validation

PARASITOLOGY EQA

Select the programs that correspond to your extent of testing

EXTENT **1**

Determine the presence or absence of parasites via wet mounts, pinworm preparations, direct antigen testing or stained smears. If necessary, refer specimens to another laboratory certified for identification

or

EXTENT **2**

Identify parasites via wet mounts, pinworm preparations, direct antigen testing or stained smears

1. BLOOD PARASITES

Qualitative | **Thin and thick blood smears**

PROGRAM CODE	FORMAT	EXTENT
BLPA435	**3** test events x **5** samples **3** shipments	**1 2**
BLPA432	**3** test events x **2** samples **3** shipments	**1 2**

Blood parasite detection and identification

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

2. MALARIA

Qualitative | **Thin and thick blood smears**

PROGRAM CODE	FORMAT	EXTENT
MALA435	**3** test events x **5** samples **3** shipments	**1 2**

Blood smear - malaria detection and identification

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

PARASITOLOGY EQA

3. PVA SMEAR

Qualitative | **Mercury fixed PVA slides**

PROGRAM CODE	FORMAT	EXTENT
PVAS435	**3** test events x **5** samples **3** shipments	**1 2**
PVAS432	**3** test events x **2** samples **3** shipments	

PVA slides - parasite detection and identification

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

4. WET MOUNT

Qualitative | **Formalin preserved fecal suspension**

PROGRAM CODE	FORMAT	EXTENT
WMNT435	**3** test events x **5** samples x **0.75** mL **3** shipments	**1 2**
WMNT432	**3** test events x **2** samples x **0.75** mL **3** shipments	

Wet mount - parasite detection and identification

SUBSCRIPTION OPTIONS

Full | +RO **+5 RO FREE** | +SO | OC | VA

2017 CALENDAR

Test Event 1 | Opening Date: Mar 22 **- Results Deadline:** Apr 12

Test Event 2 | Opening Date: Jun 28 **- Results Deadline:** Jul 19

Test Event 3 | Opening Date: Oct 18 **- Results Deadline:** Nov 08

TE 1 | Mar 01 **-** Mar 22

TE 2 | Sep 06 **-** Sep 27

Andrology

SPER432 SPES432 SPMO432 SPVB432

Bacteriology

AFVP435 BLCU435 CLDA435 GENC435 MRSA435 NGOS435 STAA435 THRC433 URCC432 URIC435

BACT435 CLDA432 GENC432 GRAM435 NGOS432 STAA432 STAS435 THRC435 URIC432 VREN435

Chemistry

ALCH435 BGAS435 COHB432 FFIB432 IBGH432 SHCG432 SPUC432 TPRO435 UASE432 URIN432 WHGN432

AMMN432 CARM432 COHB435 FLCH433 IBGH435 SHCG435 SUPR432 TRBD432 UDOA432 URMA432 WHGN435

BCHE433 CARM435 CSFT432 FOBD432 KETN432 SPCH432 SWEA433 TRSE432 UHCG432 USED432

BCHE435 CCHM432 ENDO432 GLHB432 NITZ431 SPIM432 TOXI432 TRUR432 UHCG435 WGLU432

BGAS432 CCHM435 ENDO435 GOBD432 PREL431 SPRO435 TOXI435 TUMK432 URCH432 WGLU435

Clinical Microscopy

FECS431 FERN431 KOHP431 NASM431 PINW431 VAGP431

Clinical Serology

AVIR435 HEPM435 HIVA435 HPYL432 HTLV4310 MONO432 TORC435

EBVS432 HEPM4310 HIVC4310 HSVC432 LYME432 MONO435 TREP435

EBVS435 HIVA432 HIVC435 HTLV435 MMBS4320 MYPL432

Clinical NAT

DTSI435

Coagulation

COAG432 COAG435 COFH433 DDIM432 ORAC432 PLPX431 THBP432

Diagnostic Immunology

AIAP432 AICN432 AIOR432 AITH433 ANAB435 CRPR432 HCRP432

AIAR432 AICO432 AIRH432 ALLY433 ANSO435 FOOD433 RHFA435

Hematology

BFLD432 ESRA433 HEFA435 HEFE435 HEFH435 HEMA435 QASI432 RETC432

CELL435 FLPG432 HEFB435 HEFF435 HEFI435 HETA435 RETA432 RETD432

ERSR432 FRBC432 HEFD435 HEFG435 HEMA432 HETB435 RETB432 SCSC432

Molecular Diagnostics

TBRR432

Mycobacteriology

MAFS435 MSPC435

Mycology

CANA435 CRYA432 DERS435 KOHS432 MOLC435 YEAC435

Parasitology

BLPA432 BLPA435 MALA435 PVAS432 PVAS435 WMNT432 WMNT435

Transfusion Medicine

BTME435 CTME435 DATG432

Clinical NAT

HIVG425

HIVT425

2017 CALENDAR

					TE 1 | Jan 18 - Jan 25
			TE 1 | Feb 08 - Feb 15		**TE 2** | Feb 15 - Feb 22
TE 1 | Mar 1 - Mar 22	**TE 1** | Mar 08 - Mar 15	**TE 1** | Mar 08 - Mar 15		**TE 1** | Feb 22 - Mar 1	**TE 3** | Mar 08 - Mar 15
					TE 4 | Apr 12 - Apr 19
			TE 2 | May 03 - May 10	**TE 2** | May 17 - May 24	**TE 5** | May 17 - May 24
TE 2 | Jun 07 - Jun 28	**TE 2** | Jun 07 - Jun 14				**TE 6** | Jun 14 - Jun 21
					TE 7 | Jul 19 - Jul 26
			TE 3 | Aug 16 - Aug 23	**TE 3** | Aug 30 - Sep 06	**TE 8** | Aug 16 - Aug 23
TE 3 | Sep 06 - Sep 27	**TE 3** | Sep 13 - Sep 20	**TE 2** | Sep 13 - Sep 20			**TE 9** | Sep 06 - Sep 13
					TE 10 | Oct 18 - Oct 25
					TE 11 | Nov 08 - Nov 15
					TE 12 | Nov 29 - Dec 06
Clinical NAT CMVN435 CTNG435 HAPN435 HBVL435 HCVG435 HCVL435 HCVN435 HIVL435 HPVN435 HSVN435 LEPN435 NATA4315	**Chemistry** CHEM433 NEOB435 THDM433 **Standardization** GFRM733 GFRR733 GHGB733 LIPD733	**Standardization** CHOL726	**Standardization** GFRB716	**Standardization** GFRC715	**Standardization** GFRM7123

2017 CALENDAR

	TE 1 | Jan 18 - Jan 25
	TE 2 | Feb 15 - Feb 22
	TE 3 | Mar 08 - Mar 15
TE 1 | Mar 22 - Apr 12	**TE 4** | Apr 12 - Apr 19
	TE 5 | May17 - May 24
	TE 6 | Jun 14 - Jun 21
TE 2 | Jun 28 - Jul 19	**TE 7** | Jul 19 - Jul 26
	TE 8 | Aug 16 - Aug 23
TE 3 | Oct 18 - Nov 08	**TE 9** | Sep 06 - Sep 13
	TE 10 | Oct 18 - Oct 25
	TE 11 | Nov 08 - Nov 15
TE 4 | Nov 22 - Dec 13	**TE 12** | Nov 29 - Dec 06

Chemistry 4 TE
BCHE443
CCHM443
ENDO443
SPRO442
TOXI443
TUMK443
UDOA443

Coagulation 4 TE
COAG443
COFH443
DDIM442
THBP442

Transfusion Medicine 4 TE
IMHE442
IMHX444

Diagnostic Immunology 4 TE
ALLY443
FOOD443

Monthly TE
BCHE4121
BGAS4121
CARM4121
COAG4121
HEMA4121
SPRO4121
TUMK4121
UDOA4121
URIN4121

To achieve universal testing accuracy for improved healthcare for all people.

Your ideas, commitment and energy will advance this mission. Accordingly, if you have any suggestions for new programs or system features, or if you know of any groups that might be interested in becoming Collaboration Members or Science Architects, please let us know at secretariat@oneworldaccuracy.org.

oneworld ACCURACY™

oneworldaccuracy.org