



SeraCare
Clinical Diagnostics

Multichem®

Product Catalogue

Independent Quality Controls &
QC Software Solutions



**Diagnostics
& Genomics**

Navigating this Catalogue

This is a digital document. Please click on an item in the contents to go directly to that page. Click on the page number to return to the table of contents.

Ordering Products

Multichem Independent QC for all major platforms: To order Technopath's Multichem® QC products and IAMQC® software solutions please contact: technopath.info@lgcgroup.com.

Independent QC for Abbott Alinity and Architect systems: For independent QC and IAMQC software solutions for Alinity and Architect systems, please contact your local Abbott representative.

Independent QC for Roche cobas® systems: For independent QC and IAMQC software solutions for Roche cobas®, please contact your local Roche representative.

Contents

LGC Diagnostics & Genomics	4
SeraCare	4
Multichem Independent QC	5
QC Data Management Software	6
Technical Support Services	6

Multichem® Analyte List Table	7
--------------------------------------	----------

Multichem Clinical Chemistry QC	11
Multichem S Plus	12
Multichem AE	13
Multichem CSF	13
Multichem NB	13

Multichem Immunology QC	14
Multichem P	14

Multichem Urine Chemistry QC	15
Multichem U	15

Multichem Immunoassay QC	16
Multichem IA Plus	17
Multichem IA Speciality	18

Multichem Cardiac QC	19
Multichem hsTn	19

Multichem Diabetes QC	20
Multichem A1c	20

Multichem Fertility QC	21
Multichem AMH	21

Multichem Immunosuppressant QC	22
Multichem WBT	22

Multichem Coagulation QC	23
Multichem D-Dimer	23

Multichem Infectious Disease QC	24
Multichem ID-B	24
Multichem ID-SeroNeg	25
Multichem ID-COVID19 G	25
Multichem ID-COVID19Neg	25

Multichem Infectious Disease QC Available in USA	26
Multichem ID-COVID19 G	26
Multichem ID-COVID19Neg	26
Multichem ID-B	27
Multichem ID-SeroNeg	27

IAMQC® Data Management Solutions	28
IAMQC Infinity	29
IAMQC Peer	30
IAMQC Peer & interlaboratory programs	31
IAMQC Transfer	32

LGC Diagnostics & Genomics

LGC Diagnostics & Genomics delivers customer focused scientific excellence, providing critical tools and solutions that enable confidence in data, decisions, and outcomes across the life sciences.

With more than 1,500 employees, 11 production sites worldwide, and a growing portfolio of over 17,000 products, the organization is a trusted partner to laboratories, developers, and researchers spanning clinical diagnostics, genomics, therapeutics, and agriculture. United by the mission Science for a Safer World, LGC Diagnostics & Genomics is committed to advancing innovation while upholding the highest standards of quality, reliability, and performance.

LGC Diagnostics & Genomics brings together four complementary brands, SeraCare Clinical Diagnostics,

Biosearch Technologies Oligo Synthesis, Lucigen Reagent Components, and Rapid Genomics Genotyping Solutions, each addressing distinct yet interconnected needs across the life science value chain. Together, these brands support the full journey from discovery and development through validation, manufacturing, and real world application, enabling customers to advance innovation while maintaining the highest standards of quality, accuracy, and scalability.

SeraCare Clinical Diagnostics

SeraCare Clinical Diagnostics provides trusted clinical diagnostic quality control solutions that enable laboratories to deliver accurate and reliable patient results with confidence. Its comprehensive portfolio, including quality controls, calibration verification and reference materials, panels, next generation sequencing (NGS) solutions, and external quality assessment/proficiency testing (EQA/PT), supports the full lifecycle of diagnostic testing, from assay development and validation to ongoing performance monitoring. Serving clinical laboratories alongside in vitro diagnostics and bio-pharmaceutical developers, CROs, and academic institutions, SeraCare Clinical Diagnostics supports workflows across clinical chemistry, immunochemistry, serology, molecular diagnostics, and clinical genomics, helping diagnostic professionals meet regulatory and quality requirements, ensuring test accuracy, and providing results clinicians can rely on to inform critical patient care decisions.

LGC Diagnostics & Genomics partners with our customers to provide a portfolio of cutting-edge life science tools that diagnose, treat and feed our growing population, delivering on our core mission of Science for a Safer World.



Consolidated
Quality Controls



Reduce Handling
Requirements



Reduce Waste



Save Time

Multichem Independent QC

Today's healthcare systems are often asked to produce higher patient quality with fewer resources. In response, many labs are looking into all areas of their operations for efficiencies, including their QC processes, and are adopting better means of utilizing existing resources to impact the bottom line.

Our Multichem® QC and IAMQC® software, provides clinical laboratories with significant cost, handling and time savings, whilst delivering higher confidence in analytical testing methods.

With an extensive list of analytes included in the Multichem range of quality control products, choice and flexibility are guaranteed for all customers. The Independent quality control products include General Clinical Chemistry, Immunoproteins, Immunoassay, Cardiac, Urine Chemistry, Infectious Disease, Diabetes and other Esoteric controls.

Multichem's human based control matrix offers unrivaled test consolidation with increased control stability and diminished matrix effects. Together, these aspects of control manufacture offer greater control efficiencies without compromising compliance or confidence in patient results.

Quality Matters

Every day we are committed to delivering high quality, safe and effective clinical diagnostic products to achieve maximum customer satisfaction; by complying with the appropriate regulatory requirements supported by our Quality Management System.

Multichem is manufactured to the highest quality standards in our ISO 13485 accredited facility in Ireland, which has successfully achieved international regulatory market

approvals, for example:

- IVD Regulation (EU) 2017/746
- IVD 98/79/EC (CE Marked)
- HPRA (Health Products Regulatory Authority)
- MHRA
- US FDA (previously 510k approved)
- Health Canada
- China NMPA
- Brazil ANVISA
- Australia TGA



Our proprietary manufacturing processes allow incorporation of greater numbers of analytes in to a single matrix, which enables extensive test menu consolidation.

Our products are manufactured using fresh frozen plasma and urine. Having direct access to high quality fresh frozen plasma ensures that our products mimic the performance of patient samples as closely as possible, giving increased commutability. We maintain particular expertise in the stabilisation of labile analytes (i.e Troponin, Bilirubin, etc.) and we also use Human matrix based lipid additions to ensure commutability across testing systems.

The combination of these high quality raw materials and our proprietary process gives Multichem a significant competitive advantage over key global competitors.

QC Data Management Software

IAMQC Infinity Daily QC software, and Interlaboratory Peer software, support laboratory IQC while achieving greater efficiency and reducing costs.



Early identification of trends enable corrections before results are compromised. IAMQC Infinity helps facilitate compliance under CLIA, ISO 15189 and RiliBÄK. Featuring real-time supervisor QC data review, validation with comprehensive audit trails, and comprehensive QC charts and reports for laboratory data analysis.



ISO, CAP, CLIA, RiliBÄK guidelines for laboratory testing support confidence in patient results.



QC data automatically collected and processed in a secure workflow.



Realtime QC data review, peer analysis, automated compliance reports and expert support & service.

Technical Support Services

Our technical support team comprises of experienced Laboratory Technologists, who are available to offer support for Multichem QC products and IAMQC informatics.

For support please contact:

technopath.qcsupport@LGCGroup.com for Multichem quality control products.

technopath.iamqcsupport@LGCGroup.com for IAMQC data management solutions.



Analyte Guide*

Multichem® independent QC for use on all major platforms

Analytes

- Claimed Analytes
- Listed Analytes
(No Claims on performance)

	Multichem S Plus	Multichem IA Plus	Multichem P	Multichem U	Multichem IA Speciality	Multichem NB	Multichem CSF	Multichem A1c	Multichem AMH	Multichem D-Dimer	Multichem AE	Multichem hsTn	Multichem WBT
17 Hydroxyprogesterone		○											
A													
Acetaminophen	●	●											
Acid Phosphatase	●												
ACTH		●			●								
ADNase B	○		○										
Alanine Aminotransferase (ALT)	●												
Albumin	●		○										
Aldosterone		○											
Alkaline Phosphatase	●												
Alpha Fetoprotein (AFP)		●											
Alpha-hydroxybutyrate Dehydrogenase (α-HBDH)	○												
Alpha-1-acid Glycoprotein	●		●										
Alpha-1-Antitrypsin (A1AT)	●		●										
Alpha 2-macroglobulin	○		○										
Amikacin	●	●											
Ammonia											●		
Amylase, Pancreatic	●												
Amylase, Total	●			●									
Androstenedione		○											
Angiotensin Converting Enzyme	○	○	○										
Antistreptolysin O	○		○										
Anti-Thyroglobulin		●											
Anti-Mullerian Hormone									●				
Antithrombin III	○		○										
Anti-TPO		●											
Apolipoprotein A1 (APO A1)	●		●										
Apolipoprotein B (APO B)	●		●										
Aspartate Aminotransferase (AST)	●												
B													
Beta-hydroxybutyrate Dehydrogenase	○												
Beta-2-Microglobulin	●		●										
Beta-HCG		●		●									
Bile Acids	●												
Bilirubin, Direct	●					●							
Bilirubin, Indirect	○												
Bilirubin, Total	●					●							
BNP		●			●								
C													
C1 Inhibitor	○		○										
C3	●		●										
C4	●		●										
CA 125		●											
CA 15-3		●											
CA 19-9		●											
Caffeine	○	○				○							
Calcitonin		●			●								
Calcium	●			●									
Calcium, Ionized	○												
Carbamazepine, Free		○											
Carbamazepine, Total	●	●											
Carbon Dioxide (CO ₂)	●										●		
CEA		●											
Ceruloplasmin	●		●										
CH50 (Total hemolytic Complement)	○		○										
Chloramphenicol		○											
Chloride	●			●									
Cholesterol, HDL	●												
Cholesterol, LDL	●												
Cholesterol, Total	●												
Cholinesterase (CHE)	●												
Creatine Kinase (CK)	●												
CK-MB	○	●											

*Please refer to lot specific package inserts for stability and performance claims.

Multichem® independent QC for use on all major platforms

Analytes

- Claimed Analytes
- Listed Analytes
(No Claims on performance)

	Multichem S Plus	Multichem IA Plus	Multichem P	Multichem U	Multichem IA Specialty	Multichem NB	Multichem CSF	Multichem Atc	Multichem AMH	Multichem D-Dimer	Multichem AE	Multichem hsTn	Multichem WBT
Copper	○												
Cortisol	●	●		●									
C-Peptide		●											
C-Reactive Protein	●		●										
Creatinine	●			●									
CRP, Ultra-sensitive		○											
Cyclosporine		○											●
Cystatin C	○		○										
D													
D-Dimer										●			
DHEA Sulfate		●											
Digoxin	●	●											
Disopyramide		○											
E													
EPO		●											
Estradiol		●											
Estrilol, Total		○											
Estrilol, Free		●											
Estrogen, Total		○											
Ethanol	●										●		
Ethosuximide		○											
F													
Ferritin	○	●	○										
Folate		●											○
Fructosamine	○												
FSH		●											
G													
Gamma Glutamyltransferase (GGT)	●												
Gentamicin	●	●											
Glucose	●			●			●						○
H													
Haptoglobin	●		●										
Hemopexin	○		○										
HbA1c								●					
Homocysteine		●											
Human Growth Hormone		●											
I													
Ibuprofen		○											
IgA	●		●										
IgE	○	●	○										
IGF-1		○											
IgG	●		●				●						
IgG1 Subclass	○		○										
IgG2 Subclass	○		○										
IgG3 Subclass	○		○										
IgG4 Subclass	○		○										
IgM	●		●										
Insulin		●											
Iron	●												
K													
Kappa Light Chain	○		○										
L													
Lactate (Lactic Acid)	●						●						
Lactate Dehydrogenase (LDH)	●												
Lambda Light Chain	○		○										
LH		●											
Lidocaine		○											
Lipase	●												
Lipoprotein (a)	○		○										
Lithium	●	●											
M													
Magnesium	●			●									
Microalbumin				●									
Myoglobin		●											
N													
N-Acetyl-Procaïnamide (NAPA)		○											
NT-proBNP	○	●											
O													
Osmolality	○			●									
Ostase		○											

*Please refer to lot specific package inserts for stability and performance claims.

Multichem® independent QC for use on all major platforms

Analytes

- Claimed Analytes
- Listed Analytes
(No Claims on performance)

	Multichem S Plus	Multichem IA Plus	Multichem P	Multichem U	Multichem IA Speciality	Multichem NB	Multichem CSF	Multichem Atc	Multichem AMH	Multichem D-Dimer	Multichem AE	Multichem hsTn	Multichem WBT
P													
Phenobarbital	●	●											
Phenytoin, Free		○											
Phenytoin, Total	●	●											
Phospholipids	○												
Phosphorous	●			●									
Potassium	●			●									
Prealbumin	●		●										
Primidone		○											
Procaihamide		○											
Procalcitonin					●								
Procollagen type 1 (PINP)		○											
Progesterone		●											
Prolactin		●											
Properdin Factor B	○		○										
Prostatic Acid Phosphatase	○												
Protein Electrophoresis	○												
Protein, Total	●		○				●						
PSA, Free		●											
PSA, Total		●											
PTH, Intact		●			●								
Q													
Quinidine		○											
R													
Renin		○											
Retinol Binding Protein	○		○										
Rheumatoid Factor (RF)	●		●										
S													
Salicylate	●	●											
SHBG		●											
Sirolimus													●
Sodium	●			●									
Soluble Transferrin Receptor (sTfR)	○		○										
Specific Gravity				○									
T													
T3, Free		●											
T3, Total	○	●											
T4, Free		●											
T4, Total	●	●											
Tacrolimus													●
TBG		○											
Testosterone, Total		●											
Testosterone, Free		○											
Theophylline	●	●				●							
Thyroglobulin		●											
Tobramycin	●	●											
Total Iron Binding Capacity (TIBC)	○												
Transferrin	●		●										
Triglycerides	●												
Troponin I		●										●	
Troponin T	○	●										●	
TSH		●											
T-Uptake		●											
U													
UIBC	●												
Urea Nitrogen	●			●									
Uric Acid	●			●									
Urinary Protein (Urine Total Protein)				●									
V													
Valproic Acid, Total	●	●											
Valproic Acid, Free		○											
Vancomycin	●	●											
Vitamin B12		●											
Vitamin D		●											
Z													
Zinc	○												

*Please refer to lot specific package inserts for stability and performance claims.

Multichem® ID Independent Serology QC

Analytes

- Claimed Analytes
- Listed Analytes
(No Claims on performance)

	Multichem ID-B	Multichem ID-SeroNeg	Multichem ID-COVID19 G	Multichem ID-COVID19Neg
A				
Antibodies to SARS-CoV-2			●	●
Anti-HBc IgG	●	●		
Anti-HCV IgG	●	●		
Anti-HIV 1	●	●		
Anti-HTLV I IgG	●	●		
Anti-Treponema Pallidum IgG	●	●		
H				
HBsAg	●	●		
HIV 1 p24 Antigen		●		



*Please refer to lot specific package inserts for stability and performance claims.

Multichem® Independent Clinical Chemistry QC

The Multichem Chemistry product range incorporates serum chemistry, immunology, lipid, TDM, enzymes and esoterics. It includes liquid-only unassayed and assayed products based on human matrix formulations.

Our human-based matrix facilitates unrivalled test consolidation and offers increased stability. Together, these control characteristics offer greater quality control efficiencies without compromising compliance or confidence in patient results.

Multichem Chemistry Quality Controls Suitable for use on all major platforms

PRODUCT	DESCRIPTION	KIT CONFIGURATION	PART CODE
Multichem S Plus	Assayed Single Level (Level 1)	15 x 10mL	CH101PLA
	Assayed Single Level (Level 2)	15 x 10mL	CH102PLA
	Assayed Single Level (Level 3)	15 x 10mL	CH103PLA
	Unassayed Single Level (Level 1)	15 x 10mL	CH101CRP
	Unassayed Single Level (Level 2)	15 x 10mL	CH102CRP
	Unassayed Single Level (Level 3)	15 x 10mL	CH103CRP
	Mini Kit (Unassayed Tri-level)	3 x 1 x 10mL	CH100MCRP
Multichem AE	Assayed Single Level (Level 1)	12 x 2mL	AE621A
	Assayed Single Level (Level 2)	12 x 2mL	AE622A
	Assayed Single Level (Level 3)	12 x 2mL	AE623A
	Unassayed Single Level (Level 1)	12 x 2mL	AE621X
	Unassayed Single Level (Level 2)	12 x 2mL	AE622X
	Unassayed Single Level (Level 3)	12 x 2mL	AE623X
Multichem CSF	Assayed Bi-Level	2 x 6 x 2mL	CF100A
	Unassayed Bi-Level	2 x 6 x 2mL	CF100X
Multichem NB	Assayed Single Level	12 x 2mL	NB800A
	Unassayed Single Level	12 x 2mL	NB800X

Multichem® S Plus



Features

- Human-based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.

Specifications

- 36 month closed vial stability at -20°C to -80°C.
- 10 day open vial stability at 2°C to 8°C.*

Analyte List

Chemistry

Albumin
Bilirubin, Direct
Bilirubin, Total
Calcium
Carbon Dioxide (Bicarbonate)
Chloride
Creatinine
Glucose
Iron
Lactic acid
Magnesium
Phosphorous
Potassium
Protein, Total
Sodium
Total Iron Binding Capacity*
Unsaturated Iron Binding Capacity (UIBC)
Urea
Uric Acid

Esoterics

ACE*
Bile Acids
Bili, Indirect*
Caffeine*
Calcium, Ionized*
Copper*
Cortisol

Ethanol
Fructosamine*
NT-proBNP*
Osmolality*
Protein Electrophoresis*
Triiodothyronine*
Thyroxine, (Total T4)
Troponin T*
Zinc*

Immunoproteins

Alpha-1 Aminoglycoprotein
Alpha-1 Antitrypsin
Alpha 2-macroglobulin*
ASO*
ADNase B (Anti-Streptococcal DNase B)*
Antithrombin III*
Apolipoprotein A1
Apolipoprotein B
Beta-2 Microglobulin
C1 Inhibitor*
CH5O (Total hemolytic Complement)*
Cystatin C*
Complement C3
Complement C4
Ceruloplasmin
C-Reactive Protein
Ferritin*
Haptoglobin

Instruments

Multichem S Plus, independent clinical chemistry QC, is suitable for use on all major platforms.

Order Information

Multichem S Plus	Config.	Part Code
Assayed Single Level (Level 1)	15 x 10mL	CH101PLA
Assayed Single Level (Level 2)	15 x 10mL	CH102PLA
Assayed Single Level (Level 3)	15 x 10mL	CH103PLA
Unassayed Single Level (Level 1)	15 x 10mL	CH101CRP
Unassayed Single Level (Level 2)	15 x 10mL	CH102CRP
Unassayed Single Level (Level 3)	15 x 10mL	CH103CRP
Mini kit (contains one vial of each level)	3 x 1 x 10mL	CH100MCRP

Replace up to four competitor chemistry QC products with Multichem S Plus



Hemopexin*
Immunoglobulin A
Immunoglobulin G
Immunoglobulin M
IgE*
IgG1, Subclass*
IgG2, Subclass*
IgG3, Subclass*
IgG4, Subclass*
Kappa Light Chain*
Lambda Light Chain*
Lipoprotein (a)*
Prealbumin
Properdin Factor B*
Retinol Binding Protein*
Rheumatoid Factor*
Transferrin
sTfR (Soluble Transferrin Receptor)*

Enzymes

Acid Phosphatase
Alanine Aminotransferase (ALT)
Alkaline Phosphatase (ALP)
Amylase (Pancreatic)
Amylase (Total)
Aspartate Aminotransferase (AST)
Alpha-hydroxybutyrate Dehydrogenase (α-HBDH)*
Beta-hydroxybutyrate Dehydrogenase*
Cholinesterase

Creatine Phosphokinase
CK-MB*
Gamma Glutamyltransferase
Lactate Dehydrogenase (L to P)
Lipase
Prostatic Acid Phosphatase*

Lipids

Cholesterol, HDL
Cholesterol, LDL
Cholesterol, Total
Phospholipids*
Triglycerides

Therapeutic Drugs

Acetaminophen
Amikacin
Carbamazepine
Digoxin
Gentamicin
Lithium
Phenobarbital
Phenytoin
Salicylic Acid
Theophylline
Tobramycin
Valproic Acid
Vancomycin

*Please refer to lot specific package inserts for stability and performance claims.

Multichem® AE



Features

- Human-based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.

Specifications

- 24 month closed vial stability at 2°C to 8°C.
- 10 day open vial stability at 2°C to 8°C.

Multichem® CSF

Features

- Human-based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.



Specifications

- 36 month closed vial stability at -20°C to -80°C.
- 30 day open vial stability at 2°C to 8°C.*

Instruments

Multichem CSF, independent Cerebral Spinal Fluid QC, is suitable for use on all major platforms.

Order Information

Multichem CSF	Config.	Part Code
Assayed Bi-Level	2 x 6 x 2mL	CF100A
Unassayed Bi-Level	2 x 6 x 2mL	CF100X

Analyte List

Glucose
Lactate
IgG
Protein

Instruments

Multichem AE, independent Ammonia and Ethanol QC, including Bicarbonate (CO₂), is suitable for use on all major platforms.

Order Information

Multichem AE	Config.	Part Code
Assayed Single Level (Level 1)	12 x 2mL	AE621A
Assayed Single Level (Level 2)	12 x 2mL	AE622A
Assayed Single Level (Level 3)	12 x 2mL	AE623A
Unassayed Single Level (Level 1)	12 x 2mL	AE621X
Unassayed Single Level (Level 2)	12 x 2mL	AE622X
Unassayed Single Level (Level 3)	12 x 2mL	AE623X

Analyte List

Ammonia
Ethanol
Bicarbonate (CO₂)

Multichem® NB

Features

- Human-based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.



Specifications

- 36 month closed vial stability at -20°C to -80°C.
- 14 day open vial stability at 2°C to 8°C.*

Instruments

Multichem NB, independent Neonatal Bilirubin QC, is suitable for use on all major platforms.

Order Information

Multichem NB	Config.	Part Code
Assayed Single Level	12 x 2mL	NB800A
Unassayed Single Level	12 x 2mL	NB800X

Analyte List

Bilirubin, Direct
Bilirubin, Total
Caffeine*
Theophylline

*Please refer to lot specific package inserts for stability and performance claims.

Multichem® Immunology Quality Controls

Multichem P (Protein) is specifically designed as a supplementary QC product for immunoproteins to be used in conjunction with our clinical chemistry QC.

This product offers elevated concentrations for immunoproteins. Users can use this in conjunction with 1, 2 or 3 levels of Multichem S Plus or Multichem S, each of which already include multiple concentrations for immunoproteins. The full list of products available are shown below.

Multichem® P

Features

- Human-based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points
- Key elevated protein concentration for key medical relevance.
- Liquid for ease of use.



Specifications

- 36 month closed vial stability at -20°C to -80°C.
- 14 day open vial stability a 2°C to 8°C.*

Analyte List

ADNase B (Anti-Streptococcal DNase)*	Haptoglobin
Albumin*	Hemopexin*
Alpha 2-macroglobulin*	IgE*
Alpha-1 Antitrypsin	IgG1, Subclass*
Alpha-1-acid glycoprotein	IgG2, Subclass*
Angiotensin Converting Enzyme*	IgG3, Subclass*
Antistreptolysin O (ASO)*	IgG4, Subclass*
Antithrombin III*	Immunoglobulin A
Apolipoprotein A1 (APO A1)	Immunoglobulin G
Apolipoprotein B (APO B)	Immunoglobulin M
Beta -2 Microglobulin	Kappa Light Chain*
C1 Inhibitor*	Lambda Light Chain*
Ceruloplasmin	Lipoprotein (a)*
CH50 (Total hemolytic Complement)*	Prealbumin
Complement C3	Properdin Factor B*
Complement C4	Retinol Binding Protein*
C-Reactive Protein	Rheumatoid Factor
Cystatin C*	sTfR (Soluble Transferrin Receptor)*
Ferritin*	Total Protein*
	Transferrin

Instruments

Multichem P is suitable for use on all major platforms.

Order Information

Multichem P	Config.	Part Code
Assayed Single Level	12 x 3mL	SP41PA
Unassayed Single Level	12 x 3mL	SP40PX



*Please refer to lot specific package inserts for stability and performance claims.

Multichem® Urine Chemistry Quality Control

Our leading urine chemistry control is Multichem U.

This product provides a single product to cover the majority of standard urine chemistry assays, including Microalbumin, which some competitors provide a separate QC product for. The full list of products available are shown below.

Multichem® U



Features

- Human-based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.

Specifications

- 24 month closed vial stability at 2°C to 8°C.
- 30 day open vial stability at 2°C to 8°C.*

Instruments

Multichem U is suitable for use on all major platforms.

Order Information

Multichem U	Config.	Part Code
Assayed Single Level (Level 1)	15 x 10mL	UC201A.10
Assayed Single Level (Level 2)	15 x 10mL	UC202A.10
Unassayed Single Level (Level 1)	15 x 10mL	UC201X
Unassayed Single Level (Level 2)	15 x 10mL	UC202X

Analyte List

Amylase
 Calcium
 Chloride
 Cortisol
 Creatinine
 Glucose
 Human Chorionic Gonadotropin
 Magnesium
 Microalbumin
 Osmolality
 Phosphorous
 Potassium
 Sodium
 Specific Gravity*
 Urea Nitrogen
 Uric Acid
 Urinary Protein

*Please refer to lot specific package inserts for stability and performance claims.



Multichem® Independent Immunoassay QC

Our flagship immunoassay product is Multichem IA Plus. Multichem IA Plus consolidates over 86 analytes into a single product and can replace up to four competitor products in your lab.

We also offer Multichem IA, which omits CA 19-9, CA 15-3 and CA 125 from the consolidated list of analytes. In addition to the two consolidated controls, we offer Multichem IA Speciality, providing extended open vial stability for peptide hormones, in addition to tri-level utility for BNP, PTH, ACTH, PCT and CT.

Multichem Immunoassay Quality Controls Suitable for use on all major platforms

PRODUCT	DESCRIPTION	KIT CONFIGURATION	PART CODE
Multichem IA Plus	Assayed Tri-Level	3 x 4 x 5mL	IA310A
	Assayed Single Level (Level 1)	12 x 5mL	IA311A
	Assayed Single Level (Level 2)	12 x 5mL	IA312A
	Assayed Single Level (Level 3)	12 x 5mL	IA313A
	Unassayed Tri-Level	3 x 4 x 5mL	IA310X
	Unassayed Single Level (Level 1)	12 x 5mL	IA311X
	Unassayed Single Level (Level 2)	12 x 5mL	IA312X
	Unassayed Single Level (Level 3)	12 x 5mL	IA313X
	Mini Kit (contains one vial of each level)	3 x 1 x 5mL	IA310MX
Multichem IA Speciality	Assayed Tri-Level	3 x 4 x 2mL	BP300A
	Assayed Single Level (Level 1)	12 x 2mL	BP301A
	Assayed Single Level (Level 2)	12 x 2mL	BP302A
	Assayed Single Level (Level 3)	12 x 2mL	BP303A
	Unassayed (Tri-Level)	3 x 4 x 2mL	BP300X
	Unassayed Single Level (Level 1)	12 x 2mL	BP301X
	Unassayed Single Level (Level 2)	12 x 2mL	BP302X
	Unassayed Single Level (Level 3)	12 x 2mL	BP303X
	Mini kit (contains one vial of each level)	3 x 1 x 2mL	BP300MX

Multichem® IA Plus



Features

- Human-based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.

Specifications

- 36 month closed vial stability at -20°C to -80°C.
- 10 day open vial stability at 2°C to 8°C.*

Analyte List

Cancer Markers

Alpha Fetoprotein
CA 125
CA 15-3
CA 19-9
Carcinogenic Embryonic Antigen
Prostate Specific Antigen, Free
Prostate Specific Antigen, Total

Cardiac

BNP
CK-MB
Myoglobin
NT-proBNP
Troponin I
Troponin T
Ultrasensitive CRP*

Allergy

IgE

Thyroid

Anti-Thyroperoxidase
Anti-Thyroglobulin
Calcitonin
Thyroglobulin
Thyroid Stimulating Hormone
Thyroxine Binding Globulin*

Thyroxine, Free (FT4)
Thyroxine, Total (TT4)
Triiodothyronine, Free (FT3)
Triiodothyronine, Total (TT3)
T Uptake

Anaemia

Erythropoietin (EPO)
Ferritin
Folate
Vitamin B12

Pituitary/Adrenal

Adrenocorticotrophic hormone (ACTH)
Aldosterone*
Androstenedione*
Cortisol
Human Growth Hormone

Therapeutic Drugs

Acetaminophen
Amikacin
Caffeine*
Carbamazepine
Carbamazepine, Free*
Chloramphenicol*
Cyclosporine*
Digoxin

Instruments

Multichem IA Plus, independent immunoassay QC, is suitable for use on all major platforms.

Order Information

Multichem IA Plus	Config.	Part Code
Assayed Tri-Level	3 x 4 x 5mL	IA310A
Assayed Single Level (Level 1)	12 x 5mL	IA311A
Assayed Single Level (Level 2)	12 x 5mL	IA312A
Assayed Single Level (Level 3)	12 x 5mL	IA313A
Unassayed Tri-Level	3 x 4 x 5mL	IA310X
Unassayed Single Level (Level 1)	12 x 5mL	IA311X
Unassayed Single Level (Level 2)	12 x 5mL	IA312X
Unassayed Single Level (Level 3)	12 x 5mL	IA313X
Mini kit (contains one vial of each level)	3 x 1 x 5mL	IA310MX

Replace up to four competitor immunoassay QC products with Multichem IA Plus



Corresponding Competitor Products

Multichem IA Plus

Reproductive/Fertility

DHEA Sulfate
Estradiol, Free
Estradiol, Total*
Estrogen, Total*
Estradiol
Follicle Stimulating Hormone
Human Chorionic Gonadotropin
17-Hydroxyprogesterone*
Leutinizing Hormone
Progesterone
Prolactin
Sex Hormone Binding Globulin (SHBG)
Testosterone
Testosterone, Free*

Diabetes

C-Peptide
Insulin
Insulin-like Growth Factor (IGF-1)*

Esoterics

25 (OH) Vitamin D
Homocysteine

Disopyramide*
Ethosuximide*
Gentamicin
Ibuprofen*
Lidocaine*
Lithium
N-Acetyl procainamide*
Phenobarbital
Phenytoin
Phenytoin, Free*
Primidone*
Procainamide*
Quinidine*
Salicylate
Theophylline
Tobramycin
Valproic Acid
Valproic Acid, Free*
Vancomycin

Renal

Angiotensin*
Renin*

Bone Metabolism

Ostase*
Parathyroid hormone (PTH)
Procollagen type 1 amino-terminal propeptide (P1NP)*

*Please refer to lot specific package inserts for stability and performance claims.

Multichem® IA Speciality



Features

- Human-based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.

Specifications

Analyte List

BNP
PTH Intact
ACTH
Calcitonin
Procalcitonin

- 36 month closed vial stability at -20°C to -80°C.
- 7 day open vial stability at 2°C to 8°C.*

Instruments

Multichem IA Speciality is suitable for use on all major platforms.

Order Information

Multichem IA Speciality	Config.	Part Code
Assayed Tri-Level	3 x 4 x 2mL	BP300A
Assayed Single Level (Level 1)	12 x 2mL	BP301A
Assayed Single Level (Level 2)	12 x 2mL	BP302A
Assayed Single Level (Level 3)	12 x 2mL	BP303A



*Please refer to lot specific package inserts for stability and performance claims.



Multichem® Cardiac Quality Control

Our core cardiac assessment product is the Multichem hsTn QC for high sensitive troponin assays.

This product provides a high level of stability and confidence in your testing at the low concentrations that are relevant for today's cardiac assessment strategies. Multichem hsTn can be used as a stand-alone product or in conjunction with our consolidated immunoassay products; Multichem IA Plus or Multichem IA, that include a wide range of cardiac markers.

Multichem® hsTn



Features

- Human-based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.

Specifications

- 36 month closed vial stability at -20°C to -80°C.
- 10 day open vial stability at 2°C to 8°C.*

Instruments

Multichem hsTn is suitable for use on all major platforms.

Order Information

Multichem hsTn	Config.	Part Code
Assayed Single Level	12 x 3mL	HS301A
Unassayed Single Level	12 x 3mL	HS301X
Mini kit Unassayed Single Level	3 x 3mL	HS301MX

Analyte List

Troponin I
Troponin T

*Please refer to lot specific package inserts for stability and performance claims.

Multichem® Diabetes Quality Control

Our leading diabetes product is Multichem A1c, third party QC for haemoglobin A1c.

The haemoglobin A1c test, also called HbA1c, glycated haemoglobin test, or glyco-haemoglobin, is an important blood test that shows how well a patient's diabetes is being controlled. The full list of products available are shown below.

Multichem® A1c



Features

- Human-based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.

Specifications

- 24 month closed vial stability at -20°C to -80°C.
- 30 day open vial stability at 2°C to 8°C.*

Instruments

Multichem A1c is suitable for use on all major platforms.

Order Information

Multichem A1c	Config.	Part Code
Assayed Bi-Level	2 x 6 x 1mL	HB000A
Assayed Single Level (Level 1)	12 x 1mL	HB001A
Assayed Single Level (Level 2)	12 x 1mL	HB002A
Assayed Mini Kit (Contains one vial of each level)	2 x 1 x 1mL	HB000M

Analyte List

HbA1c

*Please refer to lot specific package inserts for stability and performance claims.



Multichem® Fertility Quality Control

Multichem AMH Control is intended for use as a third party, tri-level, liquid stable quality control material to monitor the precision of laboratory testing procedures for Anti-Müllerian Hormone Assays.

Multichem® AMH



Features

- Human-based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.

Analyte List

Anti-Müllerian Hormone

Specifications

- 36 month closed vial stability at -20°C to -80°C.
- 30 day open vial stability at 2°C to 8°C.*

Instruments

Multichem AMH is suitable for use on all major platforms.

Order Information

Multichem AMH	Config.	Part Code
Assayed Tri-Level	3 x 4 x 2mL	AM500A
Unassayed Tri-Level	3 x 4 x 2mL	AM500X
Unassayed Mini Kit (Contains one vial of each level)	3 x 1 x 2mL	AM500MX

*Please refer to lot specific package inserts for stability and performance claims.

Multichem® Immunosuppressant Quality Control

Multichem WBT (WBT for Whole Blood Transplant), provides tri-level QC to monitor the precision of laboratory testing procedures for Cyclosporine, Tacrolimus and Sirolimus assays.

Multichem® WBT



Features

- Human-based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.

Analyte List

Cyclosporine
Folate*
Glucose*
Sirolimus
Tacrolimus

Specifications

- 30 month closed vial stability at -20°C to -80°C.
- 10 day open vial stability at 2°C to 8°C.*

Instruments

Multichem WBT is suitable for use on all major platforms.

Order Information

Multichem WBT	Config.	Part Code
Assayed Tri-Level	3 x 4 x 2mL	WB000A
Unassayed Tri-Level	3 x 4 x 2mL	WB000X

*Please refer to lot specific package inserts for stability and performance claims.

Multichem® Coagulation Quality Control

Multichem D-Dimer Control is intended for use as a third party, bi-level, liquid stable quality control material to monitor the precision of laboratory testing procedures for D-Dimer Assays

Multichem® D-Dimer



Features

- Human-based matrix proprietary formulation.
- Mimics performance of patient samples.
- Targeted at key clinical decision points.
- Liquid for ease of use.

Specifications

- 36 month closed vial stability at -20°C to -80°C.
- 30 day open vial stability at 2°C to 8°C*.

Analyte List

D-Dimer

Instruments

Multichem D-Dimer is suitable for use on all major platforms.

Order Information

Multichem D-Dimer	Config.	Part Code
Assayed Single Level (Level 1)	12 x 1mL	DM901A
Assayed Single Level (Level 2)	12 x 1mL	DM902A
Unassayed Single Level (Level 1)	12 x 1mL	DM901X
Unassayed Single Level (Level 12)	12 x 1mL	DM902X
Assayed Bi-Level	2 x 6 x 1mL	DM900A
Unassayed Bi-Level	2 x 6 x 1mL	DM900X
Unassayed Mini Kit (Contains one vial of each level)	2 x 1 x 1mL	DM900MX

*Please refer to lot specific package inserts for stability and performance claims.

Multichem® Infectious Disease Quality Controls

Technopath's Multichem ID (Infectious Disease) range has been specifically tested to match assays commonly used for infectious diseases testing.

Multichem Serlogy Quality Controls

PRODUCT	DESCRIPTION	KIT CONFIGURATION	PART CODE
Multichem ID-B	Multi-Analyte Positive Control	4 x 5mL	SR101B
Multichem ID-SeroNeg	Negative Control	4 x 5mL	SR100N

Multichem® ID-B



Positive for:

Anti-HIV-1 IgG
Anti-HCV IgG¹
Anti-HBc IgG
HBsAg
Anti-HTLV-I IgG
Anti-Treponema Pallidum IgG

Features

- Ready to use liquid stable controls
- Manufactured using native human plasma
- Direct sampling from control tubes
- Barcoded for ease of use
- Technical and Scientific support

Specifications

- 24 month closed tube stability at 2°C to 8°C.
- 90 day open tube stability at 2°C to 8°C.

Instruments

For information on instruments, please choose your country-specific Instructions for Use:

<https://eifu.technopathcd.com>

Order Information

Multichem ID-B	Config.	Part Code
Positive Control	4 x 5mL	SR101B ¹

Analyzer Systems

CE-marked assays approved for use in the EU:

Manufacturer	System	Assay Name
Abbott	Alinity i	Anti-HBc II
		HBsAg Qualitative II
		HIV Ag/Ab Combo
		rHTLV I/II
		Syphilis TP
Abbott	Alinity s	Anti-HBc
		Anti-HCV II
		HBsAg
		HIV Ag/Ab Combo
		HTLV I/II
		Syphilis
Abbott	Architect i	Anti-HBc II CMIA
		HBsAg Qualitative II CMIA
		HIV Ag/Ab Combo CMIA
		rHTLV-I/II CMIA
		Syphilis TP CMIA

Alinity, Alinity ci-series, Alinity c, Alinity i and ARCHITECT are trademarks of Abbott Laboratories in various jurisdictions.

¹: Anti-HCV IgG values not provided for Alinity i and ARCHITECT i.

NOTE: This product is not intended for use in donor screening testing.

Multichem® ID-SeroNeg



Features

- Ready to use liquid stable controls
- Manufactured using native human plasma
- Direct sampling from control tubes
- Barcoded for ease of use
- Technical and Scientific support

Specifications

- 36 month closed tube stability at 2°C to 8°C.
- 90 day open tube stability at 2°C to 8°C.

NOTE : This product is not intended for use in donor screening testing.

Instruments

For information on instruments, please choose your country-specific Instructions for Use:

<https://eifu.technopathcd.com>

Order Information

Multichem ID-SeroNeg	Config.	Part Code
Unassayed Negative Control	4 x 5mL	SR100N

Negative for:

Anti-HIV-1 IgG
Anti-HCV IgG
Anti-HBc IgG
HBsAg
Anti-HTLV-I IgG
Anti-Treponema Pallidum IgG

Multichem COVID-19 Quality Controls

PRODUCT	DESCRIPTION	KIT CONFIGURATION	PART CODE	
Multichem ID-COVID19 G	Unassayed Positive Control	4 x 4mL	CVG200P	CVG300P
Multichem ID-COVID19Neg	Unassayed Negative Control	4 x 4mL	CVN200N	

Multichem® ID-COVID19 G

Features

- Ready to use liquid stable controls
- Technical and Scientific support

Specifications

- 12 month closed vial stability at 2°C to 8°C.
- 21 day open vial stability at 2°C to 8°C.



Instructions for Use:

<https://eifu.technopathcd.com>

Order Information

Multichem ID-COVID19 G	Config.	Part Code
Unassayed Positive Control	4 x 4mL	CVG200P
		CVG300P

Positive for:

Immunoglobulin G (IgG) antibodies to SARS-CoV-2

NOTE

This product is not intended for use in donor screening testing.
This is an unassayed product, with no platform claims in the USA

Multichem® ID-COVID19Neg

Features

- Ready to use liquid stable controls
- Technical and Scientific support

Specifications

- 36 month closed vial stability at 2°C to 8°C.
- 30 day open vial stability at 2°C to 8°C.



Instructions for Use:

<https://eifu.technopathcd.com>

Order Information

Multichem ID-COVID19 Neg	Config.	Part Code
Unassayed Negative Control	4 x 4mL	CVN200N

Negative for:

Immunoglobulin G (IgG) antibodies to SARS-CoV-2

NOTE

This product is not intended for use in donor screening testing.
This is an unassayed product, with no platform claims in the USA

Multichem® Infectious Disease Quality Controls

Available in USA

Multichem COVID-19 Quality Controls

PRODUCT	DESCRIPTION	KIT CONFIGURATION	PART CODE	
Multichem ID-COVID19 G	Unassayed Positive Control	4 x 4mL	CVG200P	CVG300P
Multichem ID-COVID19Neg	Unassayed Negative Control	4 x 4mL	CVN200N	

Multichem Serology Quality Controls

PRODUCT	DESCRIPTION	KIT CONFIGURATION	PART CODE
Multichem ID-B	Unassayed Multi-Analyte Positive Control	4 x 5mL	SR103B
Multichem ID-SeroNeg	Unassayed Negative Control	4 x 5mL	SR100N

Multichem® ID-COVID19 G

Features

- Ready to use liquid stable controls
- Technical and Scientific support

Specifications

- 12 month closed vial stability at 2°C to 8°C.
- 21 day open vial stability at 2°C to 8°C.

Instructions for Use:

<https://eifu.technopathcd.com>

Order Information

Multichem ID-COVID19 G	Config.	Part Code
Unassayed Positive Control	4 x 4mL	CVG200P
		CVG300P

Positive for:

Immunoglobulin G (IgG) antibodies to SARS-CoV-2

NOTE

This product is not intended for use in donor screening testing.
This is an unassayed product, with no platform claims in the USA

Multichem® ID-COVID19Neg

Features

- Ready to use liquid stable controls
- Technical and Scientific support

Specifications

- 36 month closed vial stability at 2°C to 8°C.
- 30 day open vial stability at 2°C to 8°C.

Instructions for Use:

<https://eifu.technopathcd.com>

Order Information

Multichem ID-COVID19 Neg	Config.	Part Code
Unassayed Negative Control	4 x 4mL	CVN200N

Negative for:

Immunoglobulin G (IgG) antibodies to SARS-CoV-2

NOTE

This product is not intended for use in donor screening testing.
This is an unassayed product, with no platform claims in the USA



Multichem® ID-B



Features

- Ready to use liquid stable controls
- Manufactured using native human plasma
- Direct sampling from control tubes
- Barcoded for ease of use
- Technical and Scientific support

Specifications

- 24 month closed tube stability at 2°C to 8°C.
- 90 day open tube stability at 2°C to 8°C.

Instructions for Use:

<https://eifu.technopathcd.com>

Order Information

Multichem ID-B	Config.	Part Code
Unassayed Multi-Analyte Positive Control	4 x 5mL	SR103B

Positive for:

Anti-HIV-1 IgG
 Anti-HCV IgG
 Anti-HBc IgG
 HBsAg
 Anti-HTLV-I IgG
 Anti-Treponema Pallidum IgG

INFORMATION FOR USA ONLY:

- This product is not intended for use in donor screening testing.
- This is an unassayed product, with no platform claims in the USA.

Multichem® ID-SeroNeg



Features

- Ready to use liquid stable controls
- Manufactured using native human plasma
- Direct sampling from control tubes
- Barcoded for ease of use
- Technical and Scientific support

Specifications

- 36 month closed tube stability at 2°C to 8°C.
- 90 day open tube stability at 2°C to 8°C.

Instructions for Use:

<https://eifu.technopathcd.com>

Order Information

Multichem ID-SeroNeg	Config.	Part Code
Unassayed Negative Control	4 x 5mL	SR100N

Negative for:

Anti-HIV-1 IgG
 Anti-HCV IgG
 Anti-HBc IgG
 HBsAg
 Anti-HTLV-I IgG
 Anti-Treponema Pallidum IgG

INFORMATION FOR USA ONLY:

- This product is not intended for use in donor screening testing.
- This is an unassayed product, with no platform claims in the USA.

QC Data Management Solutions

Product	Description	Ordering
IAMQC Infinity	Next generation cloud based software, designed to meet your QC solution needs.	Contact our QC Software experts to find the 'best fit' QC software solution for your laboratory. technopath.qcsoftware@lgcgroup.com
IAMQC Peer	Real-time peer cloud-based comparison software	
IAMQC Transfer	Advanced connectivity solution for laboratories	

Analyse QC results in real-time

Designed to complement and support Technopath's Multichem® Quality Control (QC) product range, IAMQC Software provides Laboratory Managers and Technologists with a range of QC software tools to analyse their QC results in real-time.

IAMQC Software products allow users to automate, centralise, standardise and improve QC processes in a laboratory setting. The software satisfies the varying levels of QC requirements in individual laboratories and is easily applied to meet your quality goals.

Technopath's full suite of software products provide clinical laboratories with significant cost and time savings, whilst delivering higher confidence in analytical testing methods. IAMQC software products are practical, graphical, user-definable and easy to use.

IAMQC SOFTWARE PRODUCTS HELP:

Bench Technologists:

- Spend less time on false positive QC flags.
- Concentrate on tests that require their attention.
- Spend less time trouble-shooting QC.
- Know how to react when the mean shifts.
- Assess the acceptability of new reagent lots and calibration events.
- Solve QC problems.
- QC target data automatically downloaded to the instrument*

Lab Managers:

- Choose QC rules to maximise true rejects and minimise false rejects.
- Quickly see the tests that require their attention.
- Skim graphics to quickly review current or historical data by lab, department, instrument or test.
- Monitor performance in groups of laboratories.
- Review problem tests and QA activities in local and remote labs.

Lab Or Hospital Administrators:

- Save money.
- Improve quality.
- Improve service.
- Review Administrative Summary Reports to ensure quality performance.

*Please contact with us for specific information for your diagnostic platform.

IAMQC® Infinity

Next Generation Solutions

IAMQC Infinity is designed as a QC data management solution that complements and supports Technopath Clinical Diagnostics Multichem® Quality Control (QC) product range, and provides Laboratory Managers and Technologists with a range of QC software tools to analyse their QC results in real-time. IAMQC Infinity is practical, graphical, and easy to use and provides laboratories with a centralised standardised approach to QC data management.

Laboratories today have many constraints in their daily process including labour, time, and budget. IAMQC Infinity helps to address these issues through a web-based system designed to manage QC data.

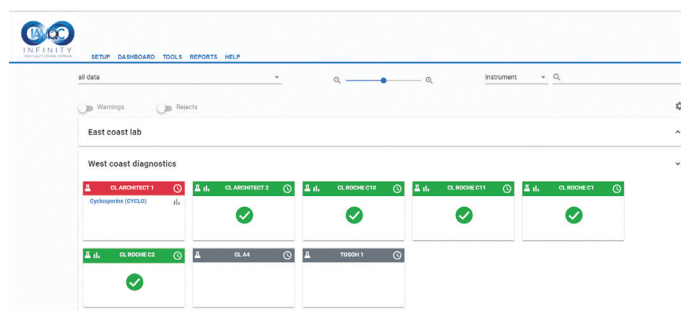
Providing access to advanced QC data management tools through a software-as-a-service platform removes the budgetary constraints that currently exist with products available today. Setup wizards save time for laboratories by providing all options available via drop-down lists and removing the need for manual entry by skilled laboratory technologists.

IAMQC Infinity allows users to automate, centralise, standardise and improve QC processes in a laboratory setting. Our combination of features in one system satisfies the varying levels of QC requirements in individual laboratories and is easily applied to meet different QC management expectations. IAMQC Infinity provides clinical laboratories with significant cost and time savings, whilst delivering higher confidence in analytical testing methods.

Order Information

Contact our QC Software experts to find the best QC software solution for your laboratory.

technopath.qcsoftware@lgcgroup.com



IAMQC Infinity - At a Glance

Instant Comparison	✓
Centralised Data Management	✓
Cloud Based SaaS Model	✓
Compliance with Standards	✓
Westgard and/or user defined QC rules fully supported	✓
Focused Troubleshooting	✓
QC Monitor	✓
Configurable per Instrument and per Test	✓

Benefits - IAMQC Infinity

Design and select your exact QC system requirements	✓
Automate your QC process	✓
Consolidate all your QC Processes	✓
User-Friendly	✓
Centralised data management	✓
Automatic data submission	✓
Cloud based system	✓

IAMQC® Peer

What is an interlaboratory program?

In its simplest form, an interlaboratory program is a means for individual labs to compare their performance against other labs. The comparison will be against other labs using the same lot of quality control (QC) material on the same test and on the same instrument type. Interlaboratory programs offer various reports to show how your instruments in your lab compare against all others with these reports being generated at the end of the month once all data has been submitted. Some interlaboratory programs offer real-time peer comparison where the values displayed are based on all of the data that has been submitted up to the time of report generation or statistic viewing.

Why should you use an interlaboratory program?

Any laboratory that strives to achieve ISO accreditation should be part of an interlaboratory program: ISO 15189:2022(E).

This ISO standard specifies the quality management system requirements particular to medical laboratories and helps to set a level of performance and competency that labs should attain. The medical laboratory is an important part of patient care as all test results come from the lab so ensuring your systems are in control is a vital part of this process. An interlaboratory program can provide comfort to the lab by demonstrating that your performance is in line with other labs. When your lab's performance is not in line with others, the interlaboratory program highlights this to you quickly.

Order Information

Contact our QC Software experts to find the best QC software solution for your laboratory.

technopath.qcsoftware@lgcgroup.com



IAMQC Peer - At a Glance

Reagent Lot Report	✓
Bias Report	✓
Exception Notes Report	✓
Group Coordinator Report	✓
Levey Jennings Report	✓
Measurement of Uncertainty	✓
Monthly Standard Report	✓
Sigma Metrics Report	✓
Youden Plot Report	✓

Benefits - IAMQC Peer

Real-time Peer data comparison	✓
Facilitates Standards approvals	✓
Centralised data management	✓
Automatic data submission	✓
Cloud based system	✓
User-Friendly	✓

How does IAMQC Peer help with participation in an interlaboratory program?

IAMQC Peer is a web based truly real time peer comparison system. Truly real-time means that all data submitted is included in the peer statistics at the time of report generation or when viewing the interactive peer statistics.

IAMQC Peer shows labs each of their individual instruments performance and compares the accuracy and precision of the analytical processes to their peer group. The peer group will contain instruments of the same type from other laboratories using the same lot of QC material and using the same method for the test. The information from the reports and interactive peer statistics in IAMQC Peer can be extremely valuable, indicating the user's performance relative to their peer group as well as providing powerful troubleshooting tools when attempting to resolve potential problems. IAMQC Peer has multiple interfacing solutions to allow for the automation of data submission helping busy lab personnel to concentrate on the important activities of testing and result interpretation.

IAMQC Peer contains multiple reports, all of which provide key information to the lab in interpreting their instrument performance.

Reagent Lot Report

Automates the tracking and reporting of reagent lot-to-lot variation.

Group Coordinator Report

A test-by-test listing of statistics of the laboratory and its peer groups for up to 3 levels of control.

Levey-Jennings Report

The LJ report displays individual QC values per analyte for the selected month. It also indicates when a reagent lot was changed.

Exceptions Report

This report details the lab's tests and analytical methods which differ in performance from its peer group using SDI and CVI.



Monthly Summary Report

A rolling twelve-month window of summary statistics, including monthly mean for each test and level, is displayed along with peer group values.

Youden Plot

The Youden plot visualizes both bias and imprecision graphically and can be used to evaluate systematic and/or random error.

Six Sigma

The six sigma report automatically calculates the lab's sigma score based on the Total Allowable Error values entered.

Measurement of Uncertainty

The system calculates the MoU value automatically based on the time-range selected for the lot in question along with the Standard Error of the Mean (SEM) value or the running SD of each test for the time period selected.

Bias Report

The bias report contains all the information in the Group Coordinator report plus a bias score against the cumulative peer mean for each test and is generated in Microsoft Excel format.

The most advanced connectivity solution available for laboratory instrumentation.

IAMQC® Transfer

IAMQC Transfer is a connectivity device that can communicate with Laboratory Information Systems (LIS), Middleware, automated instrumentation and Point Of Care platforms.

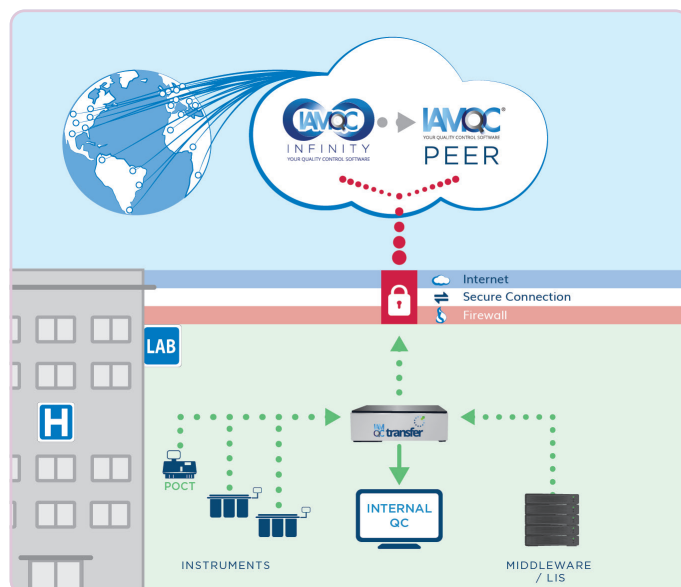
Through the use of our proprietary drivers and a single board computer device, IAMQC Transfer processes and communicates data from your system to IAMQC, cloud-based software.

IAMQC Transfer features a plug-and-play set up, combined with multiple connectivity options, ensuring an un-matched level of flexibility – all within an incredibly small, seamless enclosure.

Order Information

Contact our QC Software experts to find the best QC software solution for your laboratory.

technopath.qcsoftware@lgcgroup.com



IAMQC Transfer - At a Glance

Simple Set Up	✓
Secure System	✓
Future Proof System	✓
Automatic QC Data Upload	✓

Benefits - IAMQC Transfer

Instant QC data comparison	✓
Facilitates Standards approvals	✓
Centralised data management	✓
Automatic data submission	✓
User-Friendly	✓

Notes

[illegible]

Notes

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Notes

[illegible]

Visit [Linkedin](#) | [seracare.com](#)



**Diagnostics
& Genomics**

© 2026 Techno-path Manufacturing Limited. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, scanning or otherwise, or through any information browsing, storage or retrieval system, without permission in writing from Techno-path Manufacturing Limited. Multichem and IAMQC are trademarks of Technopath Clinical Diagnostics.

All content correct at time of publishing. E &O.E.